

RENTTECH

WELDING

PRODUCT **CATALOGUE**
VOLUME 8

- OUR BUSINESS MODEL -

STEEL

FABRICATION / ENGINEERING

WELDING

Welding equipment / Filler materials / Torches and spares accessories / Automation

RENTALS

Welding, Rigging and Lifting / Gas Equipment / Plasma Cut / Power Tool / Abrasives / Power Generation / Pneumatic / Tools / Jacks / Pumps

PPE

Leather Apparel / Gloves / Aprons / Spats / Various Safety Specs / Goggles / Welding Helmets / Hardhats

POWER GENERATION

Generators / Light Towers / Compressors / Machines / Accessories / Spares

POWER TOOL / ABRASIVES

Grinding / Cutting Machines / Core Cutters / Accessories / Spares / Consumable

PNEUMATIC TOOLS / JACKS / PUMPS

Impact Wrenches / Sockets / Hydraulic Jacks / Unipower / Machines / Accessories/Spares / Air Test Pumps / Jacks / Hand Test Pumps

PLASMA CUT

Plasma equipment / Torches and spares / Accessories / Automation

MATERIAL HANDLING

Rigging / Lifting - Unlift / Webbing / Wire Rope / Chain Slings / Safety Harnesses / Arrestors

GAS EQUIPMENT

Gas Cutting / Cutting Torches / Regulators / Flashbacks / Gas Welding Torches / Gas Welding Consumables / Accessories / Spares

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UNIARC WELDING MACHINES, PLASMA CUTTERS & ENGINE DRIVEN WELDING PACKS



ARC201ST PFC

STICK WELDING INVERTER (220V)

Product Code: 00039256

The ARC 201 ST PFC is an industrial single phase IGBT inverter designed for the most demanding welding applications. This unit offers both SMAW as well as LIFT GTAW. Arc controls include Hot-start and arc-force. This machine also offers VRD, over current protection and is generator compatible. The Power factor correction technology (PFC) allows the unit to operate on a wider range of input voltages from 96V-285V 50/60Hz to cater for improper voltage fluctuations. This also results in a lower input current of only 28 amps for use on smaller generators



Output DC/CC

Input **1** PHASE POWER 50 HZ/60 HZ AC96-280V

FEATURES

- PFC
- VRD
- ARC FORCE
- HOT START
- GENERATOR COMPATIBLE
- OVER-CURRENT PROTECTION
- DIGITAL DISPLAY FOR ACCURATE WELD SETTING

OUTPUT RANGE

10 - 200 Amps

DIMENSIONS L X W X H

426 x 162 x 277 mm

DRY WEIGHT

8.5kg

APPLICATIONS

- Maintenance and repair
- Process plant construction
- Construction
- Fabrication
- Mining
- Shipbuilding
- Petrochemical

WELDING PROCESS

SMAW / LIFT GTAW

SPECIFICATIONS

ARC 201 ST PFC	
INPUT VOLTAGE	AC220V ± 15% 50/60Hz
OCV	56V
OCV WHEN UNDER VRD	9V
OUTPUT VOLTAGE	21.6V
OUTPUT CURRENT	SMAW:10-160A, GTAW: 5-200A
BACKGROUND CURRENT	5-200A
INITIAL CURRENT	5-200A
ARC FORCE	0-40A
DUTY CYCLE(UNDER 40C°)	160A(ARC)-30% 200A(TIG)-25%
PULSE FREQUENCY (HZ)	0.2~200
PULSE DUTY FACTOR (%)	1-99(0.2Hz-10Hz)/10-90(11Hz-200Hz)
QUICK CONNECTOR	DKJ50-70



ARC400

INVERTER (380V/525V)

Product Code: 00026495

The ARC 400 is a reliable stick welder, designed for harsh working environments. With proven reliability in the rental industry, this unit offers both SMAW as well as LIFT ARC GTAW with simplistic controls, arcsafe and multi-input voltage. The Arc 400 also offers arc controls such as hotstart and arcforce as well as remote capability and digital display. This machine boasts a 3 year parts and labour warranty and is generator compatible.



Output DC/CC

Input **3** PHASE POWER 50 HZ/60 HZ 380V/525V ±20% | AUTO SELECT

FEATURES

- DC OUTPUT
- BUILT FOR SEVERE DUTY APPLICATIONS
- LIGHTWEIGHT & COMPACT
- DIGITAL DISPLAY
- 60% DUTY CYCLE @ 400 AMPS
- EASY TO MAINTAIN
- ADJUSTABLE ARCFORCE AND HOTSTART
- FULL PARTS & SERVICE BACK-UP
- EXCEPTIONALLY STABLE ARC
- PROVEN RELIABILITY IN THE RENTAL INDUSTRY
- IGBT TECHNOLOGY
- GENERATOR READY
- ARCSAFE FACILITY

OUTPUT RANGE

20 - 400 Amps

DIMENSIONS L X W X H

576 x 297 x 557 mm

DRY WEIGHT

43kg

APPLICATIONS

- Construction
- Fabrication
- Mining
- Shipbuilding
- Petrochemical

WELDING PROCESS

SMAW / LIFT ARC DC GTAW / GOUGING

SPECIFICATIONS

ARC 400	
WELDING TYPE	SMAW/GTAW/GOUGING
INPUT VOLTAGE RANGE (VAC)	380 / 525
INPUT VOLTAGE RANGE SELECT (VAC)	AUTO-SELECT
INPUT CURRENT MAX (A)	29 / 21
PHASE INPUT & FREQUENCY	3 PH - 50/60 HZ
CURRENT ADJUSTMENT RANGE (A-DC)	20 - 400
DUTY CYCLE	400 A / 60%
DUTY CYCLE	310 A / 100%
FULL LOAD EFFICIENCY	89%
REQUIRED INPUT POWER (NETWORK)	28 KVA
REQUIRED INPUT POWER (GENERATED)(FULL CAP)	40 KVA
OPEN CIRCUIT VOLTAGE (OCV) (MMA)	15 / 80 VDC
ARC-SAFE FACILITY (VRD)	ON / OFF (SELECT)
PROTECTION CLASS	IP23S
WORKING TEMPERATURE (°C)	-10-+40
DRY WEIGHT (KG)	43
SIZE (CM) L X W X H	58 X 30 X 51
INPUT CIRCUIT BREAKER (MACHINE)	40 A / 3PH
INPUT POWER CABLE BLACK (MM2)	4C X 4 X 3M
REQ INPUT POWER CABLE EXT (MM2)	4C X 10 X 20M
ELECTRODE SIZE MM (MIN/MAX)	2.0 - 6.0



ARC630

MULTI PROCESS INVERTER (380/525V)

Product Code: 00026495

The ARC 630 is a reliable stick welder, designed for harsh working environments. With proven reliability in the rental industry, this unit offers both SMAW as well as GTAW with simplistic controls, arcsafe and multi-input voltage. The Arc 630 also offers arc controls such as hotstart and arcforce as well as remote capability and digital display. This machine boasts a 3 year parts and labour warranty and is generator compatible.



Output **DC**

Input **3 PHASE POWER 50 HZ/60 HZ 380V/525V**

FEATURES

- SUITABLE FOR RUTILE AND BASIC ELECTRODES
- ADJUSTABLE ARC FORCE AND HOT START
- WORK WITH GENERATOR (OPTIONAL)
- HEAVY DUTY CYCLE (UP TO 100%)
- VRD FEATURE (OPTIONAL)
- DIGITAL DISPLAY
- SUITABLE FOR LONG DISTANCE WELDING (100M)

OUTPUT RANGE

50 - 630 Amps

DIMENSIONS L X W X H

686 x 322 x 584 mm

DRY WEIGHT

58kg

APPLICATIONS

- Shipbuilding and offshore engineering
- Industry plant construction
- Maintenance and repair
- Pipeline industry

WELDING PROCESS

SMAW / SCRATCH GTAW / GOUGING

SPECIFICATIONS

ARC 630	
WELDING TYPE	SMAW / SCRATCH GTAW / GOUGING
INPUT VOLTAGE RANGE (VAC)	380 / 525
INPUT VOLTAGE RANGE SELECT (VAC)	AUTO-SELECT
INPUT CURRENT MAX (A)	52 / 38
PHASE INPUT & FREQUENCY	3 PH - 50/60 HZ
CURRENT ADJUSTMENT RANGE (A-DC)	50 - 630
DUTY CYCLE	630 A / 60%
DUTY CYCLE	480 A / 100%
FULL LOAD EFFICIENCY	89%
REQUIRED INPUT POWER (NETWORK)	51 KVA
REQUIRED INPUT POWER (GENERATED)(FULL CAP)	60 KVA
OPEN CIRCUIT VOLTAGE (OCV) (MMA)	15 / 80 VDC
ARC-SAFE FACILITY (VRD)	ON / OFF (SELECT)
PROTECTION CLASS	IP23S
WORKING TEMPERATURE (°C)	-10- +40
DRY WEIGHT (KG)	58
SIZE (CM) L X W X H	69 X 32 X 55
INPUT CIRCUIT BREAKER (MACHINE)	80 A / 3PH
INPUT POWER CABLE BLACK (MM2)	4C X 6 X 3M
REQ INPUT POWER CABLE EXT (MM2)	4C X 25 X 20 M



DCTIG201STP

TIG INVERTER (230V)

Product Code: 00041473

The DCTIG 201 STP is a ready to weld high frequency DC inverter to tackle the most demanding tig applications. This unit offers DC and DC pulse Tig with precise adjustment for the perfect arc. Whether welding stainless titanium or low alloys, the DCTIG 201 STP offers a smooth, stable and focused arc to give you precise control on even the thinnest materials. The intuitive controls guide you through the various stages of your weld settings. The 8 meter 200 Amp digital Uniarc pro 26A torch allows you to easily set your parameter from your torch. Additional features include 2T/4T welding, as well as a built in hotstart, arcforce and VRD for your SMAW applications. This unit also offers Pulsed stick capabilities giving you exceptional control on thin materials as well as out of position and open root applications. The DCTIG 201 STP boasts an 18 month parts and labour warranty.



UNIARC PRO26A
Integrated remote control
(00038744)

Output **DC/CC**

Input **1 PHASE POWER 50 HZ/60 HZ 230V(95-265V)**



FEATURES

- PRE-FLOW TIME (S) 0 - 15 SECONDS
- POST-FLOW TIME (S) 0 - 15 SECONDS
- DOWN-SLOPE TIME (S) 0 - 10 SECONDS
- BALANCE (%) 15 - 85
- HOTSTART
- SELF-ADJUSTING ARC FORCE
- VRD
- HIGH FREQUENCY ARC START
- OVER-CURRENT PROTECTION
- THERMAL PROTECTION
- DIGITAL INTEGRATED WELDING TORCH
- SPOT WELDING

OUTPUT RANGE

10 - 200 Amps

DIMENSIONS L X W X H

420 x 135 x 235 mm

DRY WEIGHT

7.5kg

APPLICATIONS

- Maintenance and repair
- Automotive
- Process piping
- Catering equipment
- Sheet metal
- Component manufacturing
- Aeronautical
- Stainless food manufacturing

MATERIALS

Carbon steel / Stainless steel / Titanium / Nickel alloys

WELDING PROCESS

DC GTAW / DC PULSED GTAW / SMAW / PULSED SMAW

SPECIFICATIONS

DCTIG 201 STP	
INPUT VOLTAGE	1-230V(95-270V) 50/60HZ
OCV	65V/VRD: 9V
OUTPUT VOLTAGE	18V GTAW 27.2V SMAW
OUTPUT CURRENT	SMAW: 10-180A, GTAW: 10-200A
INITIAL CURRENT	5-200A
ARC FORCE	0-40A
DUTY CYCLE(UNDER 40C°)	160A(ARC)-25% 200A(TIG)-30%
PULSE FREQUENCY (HZ)	0.2~200
PULSE DUTY FACTOR (%)	1-99(0.2Hz-10Hz)/10-90(11Hz-200Hz)
QUICK CONNECTOR	DKJ35-50



AC/DC201ST

TIG INVERTER (220V)

Product Code: 00039252

The AC/DC 201 ST is a ready to weld high frequency AC/DC inverter to tackle the most demanding tig applications. This unit offers single phase AC and AC Pulse Tig, as well as DC and DC pulse Tig with precise adjustment for the perfect arc. Whether welding aluminium, stainless titanium or low alloys, the AC/DC 201 ST offers a smooth, stable and focused arc to give you precise control on even the thinnest materials. The intuitive controls guide you through the various stages of your weld settings and even helps you match your weld settings to the correct tungsten diameter. The 8 meter 200 Amp Uniarc pro 26A torch allows you to easily set your parameter from your torch. Additional features include 2T/4T welding, as well as a built in hotstart, arcforce and VRD for your SMAW applications. The AC/DC 201 ST boasts an 18 month parts and labour warranty.



UNIARC PRO26A
Integrated remote control
(00038744)

Output DC/CC

Input 1 PHASE POWER 50 HZ/60 HZ
220V ±15%



FEATURES

- PFC
- VRD
- ARC FORCE
- HOT START
- GENERATOR COMPATIBLE
- OVER-CURRENT PROTECTION
- DIGITAL DISPLAY FOR ACCURATE WELD SETTING

OUTPUT RANGE

10 - 200 Amps

DIMENSIONS L X W X H

426 x 162 x 277 mm

DRY WEIGHT

8.5kg

APPLICATIONS

- Maintenance and repair
- Process plant construction
- Construction
- Fabrication
- Mining
- Shipbuilding
- Petrochemical

WELDING PROCESS

SMAW / LIFT GTAW

SPECIFICATIONS

ARC 201 ST PFC	
INPUT VOLTAGE	AC220V±15% 50/60Hz
OCV	56V
OCV WHEN UNDER VRD	9V
OUTPUT VOLTAGE	21.6V
OUTPUT CURRENT	SMAW:10-160A, GTAW: 5-200A
BACKGROUND CURRENT	5-200A
INITIAL CURRENT	5-200A
ARC FORCE	0-40A
DUTY CYCLE(UNDER 40C°)	160A(ARC)-30% 200A(TIG)-25%
PULSE FREQUENCY (HZ)	0.2~200
PULSE DUTY FACTOR (%)	1-99(0.2Hz-10Hz)/10-90(11Hz-200Hz)
QUICK CONNECTOR	DKJ50-70



AC/DC315ST

ADVANCED TIG INVERTER (380V)

Product Code: 00040627

The AC/DC 315 ST is a ready to weld high frequency AC/DC inverter to tackle the most demanding tig applications. This unit offers three phase AC and AC Pulse Tig, as well as DC and DC pulse Tig with precise adjustment for the perfect arc. Whether welding aluminium, stainless titanium or low alloys, the AC/DC 315 ST offers a smooth, stable and focused arc to give you precise control on even the thinnest materials. The intuitive controls guide you through the various stages of your weld settings and even helps you match your weld settings to the correct tungsten diameter. The 4 meter 260AMP AC @ 100% Duty Cycle UNIarc pro18W torch allows you to easily set your parameter from your torch. Additional features include 2T/4T welding, as well as a built in hotstart, arcforce and VRD for your SMAW applications. The AC/DC 315 ST boasts a 3 year warranty on parts and labour.



Output DC/CC **UNIARC PRO18W Torch**
Integrated digital remote control

Input **3** PHASE POWER **50 HZ/60 HZ**
380V ±15%



FEATURES

- PRE-FLOW TIME (S) 0.5-10
- POST-FLOW TIME (S) 0.5 - 15
- UP/DOWN-SLOPE TIME (S) 0-15
- AC BALANCE(%) 20-80
- 3 AC WAVE SHAPES IE SQUARE WAVE, TRIANGULAR WAVE, SINE WAVE
- 50 MEMORY SETTINGS
- HOTSTART
- SELF-ADJUSTING ARC FORCE
- VRD
- HIGH FREQUENCY AND LIFT ARC START
- OVER-CURRENT PROTECTION
- THERMAL PROTECTION
- DIGITAL INTEGRATED

OUTPUT RANGE

5 - 315 Amps

DIMENSIONS L X W X H

567 X 224 X 413 mm

DRY WEIGHT

24.7kg

APPLICATIONS

- Maintenance and repair
- Automotive
- Process piping
- Catering equipment
- Sheet metal
- Aluminium component manufacturing
- Aeronautical

MATERIALS

Aluminium / Carbon steel / Stainless steel / Titanium / Copper / Nickel alloys

WELDING PROCESS

AC GTAW / AC PULSED GTAW / DC GTAW / DC PULSED GTAW / SMAW

SPECIFICATIONS

AC/DC 315 ST	
POWER SOURCE (VAC)	3~AC380V±15% 50/60Hz
RATED INPUT CURRENT (A)	35
POWER CAPACITY (KVA)	14.33
TIG OUTPUT CURRENT (A)	5-315
MMA OUTPUT CURRENT (A)	10-250
ARC-FORCE CURRENT (A)	0-100
HOT-START CURRENT (A)	50-100
OCV (V)	56 (VRD:14)
AC FREQUENCY (HZ)	50-200
AC BALANCE (%)	20-80
MIX AC/DC FREQUENCY (HZ)	1.2-50
DC RATIO IN MIX (%)	5-95
BACKGROUND CURRENT (A)	5-315
PULSE FREQUENCY (HZ)	0.5-200
PULSE RATIO (%)	1-99
PRE-GAS TIME (S)	0.5-10
POST-GAS TIME (S)	0.5-15
UP/DOWN-SLOPE TIME (S)	0-15
EFFICIENCY (%)	85
RATED DUTY CYCLE @40°C (%)	GTAW: 315@40% - SMAW: 250@60%
POWER FACTOR	0.7
INSULATION CLASS	F
PROTECTION CLASS	IP23S
DIMENSIONS L X W X H (MM)	567 X 224 X 413
DRY WEIGHT (KG)	24.7 KG



ATIG400

TIG INVERTER (380/525V)

Product Code: 00039261 (Aircooled) or
00039268 (Water-Cooled)

The ATIG 400 is a digital inverter offering high frequency DC Tig or lift start Tig for those critical GTAW applications. Ideally suited for both site and fabrication applications, this machine is easy to use and produces exceptional weld quality and unmatched ARC stability with a 60% duty cycle @ 400Amps @ 40°C, as well as multiple input voltage of 380V/525V. This unit is built for construction and maintenance sites and boasts a 3 year warranty to match.



Output **DC/CC**

Input **3 PHASE** **50 HZ/60 HZ**
380V/525V ±20%

FEATURES

- DC OUTPUT
- 2 STEP /4 STEP /SPOT WELDING
- ARC FORCE ADJUSTMENT
- SELF-DIAGNOSTIC FUNCTION WITH ERROR CODE DISPLAY
- HIGH FREQUENCY ARC START
- LIFT START TIG
- HAND / FOOT CONTROL
- 60% DUTY CYCLE @ 400 AMPS
- RAMP UP AND CRATERFILL CAPABILITIES

OUTPUT RANGE

20 - 400 Amps

DIMENSIONS L X W X H

380 x 300 x 510 mm

DRY WEIGHT

43kg

APPLICATIONS

- Maintenance and repair
- Process plant construction
- Pipeline industry
- Construction
- Fabrication
- Mining
- Shipbuilding
- Petrochemical

WELDING PROCESS

GTAW / SMAW / GOUGING

SPECIFICATIONS

ATIG 400	
WELDING TYPE	SMAW/GTAW
INPUT VOLTAGE RANGE (VAC)	380 / 525
INPUT VOLTAGE RANGE SELECT (VAC)	AUTO-SELECT
INPUT CURRENT MAX (A)	29 / 21
PHASE INPUT & FREQUENCY	3 PH - 50/60 HZ
CURRENT ADJUSTMENT RANGE (A-DC)	20 - 400
DUTY CYCLE	400A @ 60%
DUTY CYCLE	310A @ 100%
FULL LOAD EFFICIENCY	89%
REQUIRED INPUT POWER (NETWORK)	28 KVA
REQUIRED INPUT POWER (GENERATED)(FULL CAP)	60 KVA
OPEN CIRCUIT VOLTAGE (OCV) (MIG)	N/A
OPEN CIRCUIT VOLTAGE (OCV) (MIG)	N/A
OPEN CIRCUIT VOLTAGE (OCV) (MMA)	20 VDC
ARC-SAFE FACILITY (VRD)	STD
PROTECTION CLASS	IP23S
WORKING TEMPERATURE (°C) -	10-+ 40
DRY WEIGHT (KG)	43
SIZE (CM) L X W X H	58 X 30 X 51
INPUT CIRCUIT BREAKER (MACHINE)	40 A / 3PH
INPUT POWER CABLE BLACK (MM2)	4C x 4 x 3M
REQ INPUT POWER CABLE EXT (MM2)	4C x 10 x 20M
ELECTRODE SIZE MM (MIN/MAX)	-

WATER COOLER

POWER SUPPLY	380V
FLOW RATE MAX	3L/MIN
TANK VOLUME	5L



SYNERGIC500

FULL DIGITAL WELDER (380V/525V AUTO SELECT)

Product Code: 00042925 (Air-cooled)

The SYNERGIC 500 is a fully digital synergic mig system delivering powerful versatility at 500 Amps. This unit offers simplistic operations and exceptional welding quality for the most demanding weld applications. The auto-select input voltage, ranging from 380V-525V makes it ideal for both factory or mining environments. This system boasts a 4 roll wirefeeder with 10 memory slots to save weld settings, as well as a robust undercarriage and 3 year warranty.



Output DC /CV

Input 3 PHASE 50 - 60 HZ
POWER 380/525V



FEATURES

- 60% DUTY CYCLE @ 500AMPS@40°C FOR SEVERE DUTY APPLICATIONS
- ARC IGNITION AND CRATERFILL SETTINGS
- 10 PROGRAMMABLE MEMORY SLOTS TO SAVE YOUR WELD SETTINGS
- 2 STEP, 4 STEP, AND SPOT-WELDING TORCH CONTROLS
- 4 ROLL WIREFEEDER
- ARC LENGTH COMPENSATION TO ASSIST A WELDER IN PRODUCING CONSISTENT RESULTS
- INTEGRATED TROLLEY DESIGN FOR MANOEUVRABILITY AROUND A WORKSHOP
- THERMAL OVERLOAD PROTECTION
- GENERATOR COMPATIBLE
- SUITABLE FOR LONG DISTANT WELDING UP TO 50 METERS

OUTPUT RANGE

60 - 500 Amps

DIMENSIONS L X W X H

667 X 350 X 575 mm

DRY WEIGHT

55kg

APPLICATIONS

- Maintenance and repair
- Process plant construction
- Heavy fabrication
- Mining
- Shipbuilding
- Petrochemical
- Rail transit

WELDING PROCESS

GMAW / FCAW SS / FCAW-GS / MCAW

SPECIFICATIONS

SYNERGIC 500		
Power Supply	3 Phase, 380/525VAC, 50Hz	
Rated Input Capacity (KVA)	25	
Rated Input Current (A)	28A@380V	29A@525V
Rated Duty Cycle	60%	
Range of Welding Current (A)	60-500	
Range of Welding Voltage (V)	17-39	
Open Circuit Voltage (CV)	90V	
Efficiency	89%	
Power Factor	0.87	
Wire Dimensions (mm)	1.0-1.6	
CO2/MAG Gas Flow Rate	15-20L/min	
Insulation Class	H	
Dimension	667 x 350 x 575	
Weight	55kg	



MULTI181s™

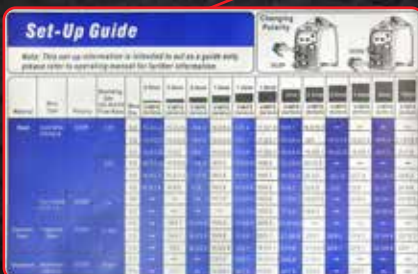
MULTI PROCESS INVERTER (230V)

Product Code: 00041835

The MULTI 181 STM is an industrial quality multiprocess single phase welding machine designed to get the job done whilst offering exceptional arc stability. This machine offers GMAW/SMAW/GTAW/FCAW-SS - backed up by an 18 month parts and labour warranty. Ideally suited for the small fabricator or serious DIY enthusiast that demands exceptional quality and reliability. This unit is also spool gun enabled for welding Aluminum.



UNIARC
PRO-GRIP 25 250A



Output	DC CC/CV	Input	1 PHASE POWER	50 HZ/60 HZ 230V ±15%
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FEATURES

- SMOOTH STABLE ARC
- ADJUSTABLE INDUCTANCE TO OPTIMISE GMAW WELD SETTINGS
- ADJUSTABLE BURNBACK TO ENSURE PROPER END OF WELD SETTINGS
- BUILT IN ARCSAFE
- THERMAL OVERLOAD PROTECTION
- BUILT IN HOTSTART FOR EASY ARC IGNITION
- DIGITAL DISPLAY FOR FINE ADJUSTMENT OF THE PERFECT WELD
- SETTING
- 2 ROLL WIREFEEDING SYSTEM
- USES 5 KG SPOOLS
- ROBUST CASE DESIGN
- ENCLOSED WIREFEEDER PROTECTS WIRE FROM DUST AND GRINDING
- VRD SAFETY FEATURE
- SPOOL-GUN ENABLED FOR ALUMINUM

OUTPUT RANGE

30-180amps

DIMENSIONS L X W X H

553 x 214 x 388 mm

DRY WEIGHT

12kg

APPLICATIONS

- Maintenance and repair
- Sheet metal fabrication
- Agriculture
- Automotive body shops

WIRE SIZE

GMAW: 0.6-0.8mm

FCAW-SS: 0.9 - 1.2mm

MATERIAL TO BE WELDED

Carbon steel / Stainless steel / Low alloy steel / Aluminum with spool-gun

WELDING PROCESS

SMAW / LIFT ARC GTAW / GMAW / FCAW-SS

SPECIFICATIONS

MULTI 181 STM	
INPUT VOLTAGE	1-PH 230VAC +/-15% 50/60HZ
OCV	62V
OUTPUT VOLTAGE	MIG: 11V--26V
OUTPUT CURRENT(MIG)	30-180A
OUTPUT CURRENT(MMA)	10-160A
HOTSTART	BUILT-IN
ARC FORCE CURRENT	BUILT-IN
DUTY CYCLE(UNDER 40C°)	10%

OPTIONAL EXTRA

MIG TORCH SPOOL GUN

Product Code	Model	Description
42826	PARWELD 200AMP	MIG TORCH SPOOL GUN 6M AIRCOOLED EURO END 200AMP 6M PARWELD WITH 0.45KG ER5356





MULTI201^{STM}

MULTI PROCESS INVERTER (220V)

Product Code: 00039250 (withoutrolley) or 00039249 (with trolley)

The MULTI 201 STM is an industrial quality multiprocess single phase welding machine designed to get the job done whilst offering exceptional arc stability. This machine offers SMAW, GTAW, FCAW-SS, as well as GMAW - backed up by an 18 month parts and labour warranty. Ideally suited for the small fabricator or serious DIY enthusiast that demands exceptional quality and reliability. This unit is also spool gun enabled for welding Aluminum.



00039249
(with trolley)

00039250



UNIARC
PRO-GRIP 25 250A

Output DC CC/CV

Input **1** PHASE POWER 50 HZ/60 HZ
230V $\pm 15\%$

FEATURES

- SMOOTH STABLE ARC
- ADJUSTABLE INDUCTANCE TO OPTIMISE GMAW WELD SETTINGS
- ADJUSTABLE BURNBACK TO ENSURE PROPER END OF WELD SETTINGS
- BUILT IN ARCSAFE
- THERMAL OVERLOAD PROTECTION
- ROBUST UNDERCARRIAGE WITH BUILT IN DRAWER FOR NEAT STORAGE OF WELDING ACCESSORIES
- BUILT IN HOTSTART FOR EASY ARC IGNITION
- DIGITAL DISPLAY FOR FINE ADJUSTMENT OF THE PERFECT WELD SETTING
- 4 ROLL WIREFEEDING SYSTEM
- CAN USE BOTH 5KG OR 15KG SPOOLS
- ROBUST CASE DESIGN
- ENCLOSED WIREFEEDER PROTECTS WIRE FROM DUST AND GRINDING
- SPOOL-GUN ENABLED FOR ALUMINUM

OUTPUT RANGE

15 - 200 Amps

DIMENSIONS L X W X H

627 x 267 x 452 mm

DRY WEIGHT

26.8kg

APPLICATIONS

- Maintenance and repair
- Sheet metal fabrication
- Agriculture
- Automotive body shops

WIRE SIZE

GMAW: 0.8 - 1.0mm
FCAW-SS: 0.9 - 1.2mm

MATERIAL TO BE WELDED

Carbon steel / Stainless steel / Low alloy steel / Aluminum with spool-gun

WELDING PROCESS

SMAW / GTAW / GMAW / FCAW-SS

SPECIFICATIONS

MULTI 201 STM	
INPUT VOLTAGE	1-PH 230VAC $\pm 15\%$ 50/60HZ
OCV	54V
OUTPUT VOLTAGE	MIG: 11V-29V
OUTPUT CURRENT(MIG)	15A-200A
OUTPUT CURRENT(MMA)	15A-200A
HOTSTART	BUILT-IN
ARC FORCE CURRENT	BUILT-IN
DUTY CYCLE(UNDER 40C°)	30%
QUICK CONNECTOR	DKJ35-50

OPTIONAL EXTRA

MIG TORCH SPOOL GUN

Product Code	Model	Description
42826	PARWELD 200AMP	MIG TORCH SPOOL GUN 6M AIRCOOLED EURO END 200AMP 6M PARWELD WITH 0.45KG ER5356





MULTI251^{STM}

MULTI PROCESS INVERTER (230V)

Product Code: 00039248

The MULTI 251 STM is an industrial quality multiprocess single phase welding machine designed to get the job done whilst offering exceptional arc stability. This machine offers SMAW, GTAW, FCAW-SS, as well as GMAW - backed up by an 18 month parts and labour warranty. Ideally suited for the small fabricator or serious DIY enthusiast that demands exceptional quality and reliability. This unit is also spool gun enabled for welding Aluminum.



UNIARC
PRO-GRIP 25 250A

Output DC CC/CV

Input **1** PHASE POWER 50 HZ/60 HZ
230V $\pm 15\%$

FEATURES

- SMOOTH STABLE ARC
- ADJUSTABLE INDUCTANCE TO OPTIMISE GMAW WELD SETTINGS
- ADJUSTABLE BURNBACK TO ENSURE PROPER END OF WELD SETTINGS
- BUILT IN ARCSAFE
- THERMAL OVERLOAD PROTECTION
- ROBUST UNDERCARRIAGE WITH BUILT IN DRAWER FOR NEAT STORAGE OF WELDING ACCESSORIES
- BUILT IN HOTSTART FOR EASY ARC IGNITION
- DIGITAL DISPLAY FOR FINE ADJUSTMENT OF THE PERFECT WELD SETTING
- 4 ROLL WIREFEEDING SYSTEM
- CAN USE BOTH 5KG OR 15KG SPOOLS
- ROBUST CASE DESIGN
- ENCLOSED WIREFEEDER PROTECTS WIRE FROM DUST AND GRINDING
- SPOOL-GUN ENABLED FOR ALUMINUM

OUTPUT RANGE

15 - 250 Amps

DIMENSIONS L X W X H

627 x 267 x 452 mm

DRY WEIGHT

26.8kg

APPLICATIONS

- Maintenance and repair
- Sheet metal fabrication
- Agriculture
- Automotive body shops

WIRE SIZE

GMAW: 0.8 - 1.0mm

FCAW-SS: 0.9 - 1.2mm

MATERIAL TO BE WELDED

Carbon steel / Stainless steel / Low alloy steel / Aluminum with spool-gun

WELDING PROCESS

SMAW / GTAW / GMAW / FCAW-SS

SPECIFICATIONS

MULTI 251 STM	
INPUT VOLTAGE	1-PH 230VAC $\pm 15\%$ 50/60HZ
OCV	54V
OUTPUT VOLTAGE	MIG: 11V-29V
OUTPUT CURRENT(MIG)	15A-250A
OUTPUT CURRENT(MMA)	15A-250A
HOTSTART	BUILT-IN
ARC FORCE CURRENT	BUILT-IN
DUTY CYCLE(UNDER 40C°)	30%
QUICK CONNECTOR	DKJ35-50

OPTIONAL EXTRA

MIG TORCH SPOOL GUN

Product Code	Model	Description
42826	PARWELD 200AMP	MIG TORCH SPOOL GUN 6M AIRCOOLED EURO END 200AMP 6M PARWELD WITH 0.45KG ER5356





MULTI303HD

MULTI PROCESS INVERTER (380V)

Product Code: 00044030

The MULTI303 HD is a compact digital inverter designed to offer versatility for workshop fabrication. This 3 phase 380V unit offers GMAW, SMAW (with VRD), Lift arc GTAW, as well as FCAW gasless welding. Arc controls include Hot start, arc force, inductance and burn back. The machine offers a 50% Duty cycle at 300 Amps making it ideal for 1.0mm and 1.2mm mig wire applications. The integrated trolley makes it easy to move around the workshop. Digital displays ensure easy weld settings that is clearly visible in low light conditions. The machine is also spool gun compatible should you wish to weld aluminum. The machine is covered with a 3 Years parts and labour warranty.



Output DC CC/CV

Input **3** PHASE POWER AC 400V $\pm 15\%$ 50/60Hz

FEATURES

- MULTI PROCESS
- 50% DUTY CYCLE @ 300AMPS 40DEGREES CELCIUS
- ARC CONTROLS INCLUDE HOT START, ARC FORCE, INDUCTANCE AND BURN BACK
- 4 ROLL WIRE FEEDER FOR MAXIMUM TORQUE AND CONSISTENT WIRE FEEDING
- INTEGRATED TROLLEY DESIGN
- THERMAL OVERLOAD PROTECTION

OUTPUT RANGE

GMAW 50-350 Amps
MMA/GTAW 10-350Amps

DIMENSIONS L X W X H

900 X 450 X 755mm

DRY WEIGHT

52kg

APPLICATIONS

- Maintenance and repair
- Fabrication
- Automotive
- Agriculture
- Process equipment
- Sheetmetal fabrication

WELDING PROCESS

DC CC/CV

SPECIFICATIONS

MULTI 303 HD	
RATED INPUT VOLTAGE (V)	AC 400V 3 phase $\pm 15\%$ 50/60Hz
RATED INPUT POWER (KVA)	KVA 15
RATED INPUT CURRENT IMAX (A)	A 21.7
RATED INPUT CURRENT LEFF (A)	13.7
OUTPUT VOLTAGE RANGE (V)	15V~38V
WELDING CURRENT RANGE (A)	MIG 50~350 MMA 10~350
NO-LOAD VOLTAGE (V)	62
VRD OCVNUMBER (V)	<24
WIRE FEEDING RANGE (M/MIN)	1.5~15
WIRE FEEDING DRIVE	4 Roll
RATED DUTY CYCLE (40°C)(%)	MIG 350A @ 40% MMA 350A @ 40%
SUITABLE WIRE SIZE (MM)	0.6~1.2
WIRE SPOOL SIZE/WEIGHT (MM/KG)	300mm/15kg
SPOOL GUN COMPATIBLE	Yes
EFFICIENCY (%)	85
IDLE STATE POWER (W)	<50
POWER FACTOR (COSΦ)	0.7
STANDARD	EN60974-1
PROTECTION CLASS (IP)	IP21S
INSULATION CLASS	F
NOISE (db)	<70
TEMPERATURE RANGE (°C)	-10~+40
STORAGE TEMPERATURE (°C)	-25~+55
SIZE L*W*H (MM)	800 X 450 X 755
WEIGHT (KG)	52 Kg



MULTI353STM

MULTI PROCESS INVERTER (380/415V)

Product Code: 00042502

The MULTI 353 STM is a true multiprocess workhorse, designed for working in harsh environments. This unit offers SMAW, GTAW, GMAW, FCAW. Arc controls include hotstart, arcforce and inductance coupled with simplistic controls. The wirefeeder utilises a 4 roll drive system with gaspurge and cold wirefeed controls. Both wire feed speed and volts can be adjusted from the wirefeeder allowing full control of your weld parameter when working away from your power source. The MULTI 353 STM offers arcsafe, as well as a 3 year parts and labour warranty.



Output DC CC/CV

Input 1 PHASE 50 HZ/60 HZ
230V ±15%



FEATURES

- DC OUTPUT
- ARCSAFE
- DIGITAL DISPLAY ON WIREFEEDER AND POWERPACK
- IGBT TECHNOLOGY
- FULL PARTS AND SERVICE BACKUP
- 2 STEP / 4 STEP FUNCTIONALITY
- HOTSTART, ARCFORCE, INDUCTANCE FUNCTIONALITY, WELD START AND CRATER FILL CAPABILITIES
- 45% DUTY CYCLE @ 350 AMPS @ 40 DEGREES CELSIUS
- FULL SYNERGIC CAPABILITIES
- 20 MEMORY SLOTS TO SAVE WELD SETTINGS
- 4 ROLL DRIVE SYSTEM

OUTPUT RANGE

50 - 350 Amps

DIMENSIONS L X W X H

636 x 292 x 558 mm

DRY WEIGHT

39kg

APPLICATIONS

- Construction
- Fabrication
- Shipbuilding
- Petrochemical
- Sheet metals

WELDING PROCESS

SMAW / GTAW / GMAW / FCAW-GS

SPECIFICATIONS

MULTI 353 STM		
WELDING TYPE	SMAW/GTAW/GMAW/GOUGING	
PHASE INPUT & FREQUENCY	3 PH - 50/60 HZ	
INPUT VOLTAGE RANGE (VAC)	AC415V ±15%,	AC380V ±15%
RATED INPUT CURRENT (A)	19.4	21.2
RATED POWER SUPPLY CAPACITY (KVA)	14	14
RECOMMENDED FUSE CAPACITY (A)	40	60
MMA WELDING CURRENT RANGE	20-350	
MIG CURRENT RANGE (A)	50 - 350	
MIG VOLTAGE RANGE (V)	15-38	
NO-LOAD VOLTAGE (V)	65	
WIRE FEED SPEED RANGE (M/MIN)	1.5-18%	
ELECTRODE DIAMETER APPLICABLE (MM)	0.8/1.0/1.2	
RATED DUTY CYCLE	30# 40°C	
EFFICIENCY (%)	85	
POWER FACTOR	0.93	
PROTECTION CLASS	IP21S	
INSULATION CLASS	F	
STANDARD	IEC 60974-1	
DRY WEIGHT (KG)	39	
SIZE (MM) L X W X H	636 X 292 X 558	



MULTIARC400

MULTI PROCESS INVERTER (380/525V)

Product Code: 00039733 (without trolley) or 00040061 (with trolley)

The MULTIARC 400 is a true multiprocess workhorse, designed for working in harsh environments. This unit offers SMAW, GTAW, GMAW, FCAW, as well as gouging. Arc controls include hotstart, arcforce and inductance coupled with simplistic controls. The wirefeeder utilises a 4 roll drive system with gaspurge and cold wirefeed controls. Both wire feed speed and volts can be adjusted from the wirefeeder allowing full control of your weld parameter when working away from your power source. The MULTIARC 400 offers arcsafe and multiple input voltage (auto select), as well as a 3 year parts and labour warranty and is generator compatible.



Output DC CC/CV

Input 1 PHASE 50 HZ/60 HZ
230V ±15%



FEATURES

- DC OUTPUT
- GENERATOR COMPATIBLE
- ARCSAFE
- DIGITAL DISPLAY
- IGBT TECHNOLOGY
- FULL PARTS AND SERVICE BACKUP
- CAPABLE OF LONG DISTANCE WELDING (UP TO 50M)
- 2 STEP / 4 STEP FUNCTIONALITY
- AUTO VOLTAGE SELECT
- HOTSTART, ARCFORCE AND INDUCTANCE FUNCTIONALITY
- 60% DUTY CYCLE @400AMPS
- PROVEN RELIABILITY IN THE RENTAL INDUSTRY
- SUITCASE FEEDER (VOLTAGE SENSING) ENABLED FOR SITE APPLICATIONS

OUTPUT RANGE

60 - 400 Amps

DIMENSIONS L X W X H

576 x 297 x 574 mm

DRY WEIGHT

40kg

APPLICATIONS

- Mining
- Construction
- Fabrication
- Shipbuilding
- Petrochemical

WELDING PROCESS

SMAW / GTAW / GMAW / FCAW-SS / FCAW-GS

SPECIFICATIONS

MULTIARC 400	
WELDING TYPE	SMAW/GTAW/GMAW/GOUGING
INPUT VOLTAGE RANGE (VAC)	380 / 525
INPUT VOLTAGE RANGE SELECT (VAC)	AUTO-SELECT
INPUT CURRENT MAX (A)	29
PHASE INPUT & FREQUENCY	3 PH - 50/60 HZ
CURRENT ADJUSTMENT RANGE (A-DC)	30 - 400
DUTY CYCLE	400 A / 60%
DUTY CYCLE	310 A / 100%
FULL LOAD EFFICIENCY	89%
REQUIRED INPUT POWER (NETWORK)	32 KVA
REQUIRED INPUT POWER (GENERATED)(FULL CAP)	40 KVA
OPEN CIRCUIT VOLTAGE (OCV) (MMA)	20 VDC
OPEN CIRCUIT VOLTAGE (OCV) (MIG)	76 VDC
ARC-SAFE FACILITY (VRD)	STD
PROTECTION CLASS I	IP23
WORKING TEMPERATURE (°C)	-10-+40
DRY WEIGHT (KG)	40
SIZE (CM) L X W X H	57 x 29 x 57
INPUT CIRCUIT BREAKER (MACHINE)	32A/phase
INPUT POWER CABLE BLACK (MM2) 4	C x 4 x 3M
REQ INPUT POWER CABLE EXT (MM2)	4C x 10 x 20M
ELECTRODE SIZE MM (MIN/MAX)	0.8 - 1.6

OPTIONAL EXTRA

UNIFEED24 - WIREFEEDER

Product Code	Description
41427	UNIFEED24 - wirefeeder





MULTIARC500

MULTI PROCESS INVERTER (380/525V)

Product Code: 00041836

The MULTIARC 500 is a true multiprocess workhorse, designed for working in harsh environments. This unit offers SMAW, GTAW, GMAW, FCAW, as well as gouging. Arc controls include hotstart, arcforce and inductance coupled with simplistic controls. The UNIFEED 24 Wirefeeder utilises a 4 roll drive system with gaspurge and cold wirefeed controls. Both wire feed speed and volts can be adjusted from the wirefeeder allowing full control of your weld parameter when working away from your power source. The MULTIARC 500 offers arcsafe and multiple input voltage (auto select), as well as a 3 year parts and labour warranty and is generator compatible.



Output DC CC/CV

Input **3** PHASE POWER 50 HZ/60 HZ 380V/525V $\pm 20\%$



FEATURES

- DC OUTPUT
- GENERATOR COMPATIBLE
- ARCSAFE
- DIGITAL DISPLAY
- IGBT TECHNOLOGY
- CAPABLE OF LONG DISTANCE WELDING (UP TO 50M)
- 2 STEP / 4 STEP FUNCTIONALITY
- AUTO VOLTAGE SELECT
- HOTSTART, ARCFORCE AND INDUCTANCE FUNCTIONALITY
- FULL PARTS AND SERVICE BACKUP
- SUITCASE FEEDER (VOLTAGE SENSING) ENABLED FOR SITE APPLICATIONS

OUTPUT RANGE

60 - 500 Amps

DIMENSIONS L X W X H

673 x 350 x 575 mm

DRY WEIGHT

50kg

APPLICATIONS

- Mining
- Construction
- Fabrication
- Shipbuilding
- Petrochemical

WELDING PROCESS

SMAW / GTAW / GMAW / FCAW-SS / FCAW-GS / GOUGING

SPECIFICATIONS

MULTIARC 500	
WELDING TYPE	SMAW / GTAW / GMAW / FCAW / GOUGING
INPUT VOLTAGE RANGE (VAC)	380 / 525
INPUT VOLTAGE RANGE SELECT (VAC)	AUTO-SELECT
INPUT CURRENT MAX (A)	46A @380V 33A @525V
PHASE INPUT & FREQUENCY	3 PH - 50/60 HZ
CURRENT ADJUSTMENT RANGE (A-DC)	60-500A
DUTY CYCLE	60% @ 500Amp
FULL LOAD EFFICIENCY	89%
OPEN CIRCUIT VOLTAGE (OCV) (VDR)	15 V
OPEN CIRCUIT VOLTAGE (OCV) (MAX)	90 V
ARC-SAFE FACILITY (VRD)	STD
PROTECTION CLASS I	IP23
WORKING TEMPERATURE (°C)	-10-+40
DRY WEIGHT (KG)	50
SIZE (mm) L X W X H	673 x 350 x 575
ELECTRODE SIZE MM (MIN/MAX)	0.8-2.4

OPTIONAL EXTRA

UNIFEED24 - WIREFEEDER

Product Code	Description
41427	UNIFEED24 - wirefeeder





MULTIARC600

MULTI PROCESS INVERTER (380/525V)

Product Code: 00026616

The MULTIARC 600 is a true multiprocess workhorse, designed for working in harsh environments. This unit offers SMAW, GTAW, GMAW, FCAW, as well as gouging. Arc controls include hotstart, arcforce and inductance coupled with simplistic controls. For wire processes the MULTIARC 600 can be set up for workshop conditions with an analogue wirefeeder, or for site conditions with a suitcase wirefeeder (voltage sensing). The MULTIARC 600 offers arcsafe and multiple input voltage (auto select), as well as a 3 year parts and labour warranty and is generator compatible.



FEATURES

- DC OUTPUT
- GENERATOR COMPATIBLE
- ARCSAFE
- DIGITAL DISPLAY
- IGBT TECHNOLOGY
- CAPABLE OF LONG DISTANCE WELDING (UP TO 50M)
- 2 STEP / 4 STEP FUNCTIONALITY
- AUTO VOLTAGE SELECT
- HOTSTART, ARCFORCE AND INDUCTANCE FUNCTIONALITY
- FULL PARTS AND SERVICE BACKUP
- SUITCASE FEEDER (VOLTAGE SENSING) ENABLED FOR SITE APPLICATIONS

OUTPUT RANGE

60 - 600 Amps

DIMENSIONS L X W X H

673 x 350 x 575 mm

DRY WEIGHT

60kg

APPLICATIONS

- Mining
- Construction
- Fabrication
- Shipbuilding
- Petrochemical

WELDING PROCESS

SMAW / GTAW / GMAW / FCAW-SS / FCAW-GS / GOUGING

SPECIFICATIONS

MULTIARC 600	
WELDING TYPE	SMAW / GTAW / GMAW / FCAW / GOUGING
INPUT VOLTAGE RANGE (VAC)	380 / 525
INPUT VOLTAGE RANGE SELECT (VAC)	AUTO-SELECT
INPUT CURRENT MAX (A)	63A@380V
PHASE INPUT & FREQUENCY	3 PH - 50/60 HZ
CURRENT ADJUSTMENT RANGE (A-DC)	50 - 600
DUTY CYCLE	600 A / 100%
FULL LOAD EFFICIENCY	89%
OPEN CIRCUIT VOLTAGE (OCV) (VDR)	15 V
OPEN CIRCUIT VOLTAGE (OCV) (MAX)	90 V
ARC-SAFE FACILITY (VRD)	STD
PROTECTION CLASS I	IP23
WORKING TEMPERATURE (°C)	-10 - +40
DRY WEIGHT (KG)	60
SIZE (mm) L X W X H	673 x 350 x 575
ELECTRODE SIZE MM (MIN/MAX)	0.8-2.4

OPTIONAL EXTRA

UNIFEED24 - WIREFEEDER

Product Code	Description
41427	UNIFEED24 - wirefeeder



Output **DC CC/CV**

Input **3 PHASE POWER 50 HZ/60 HZ 380/525V ± 20%**





MULTI201XPRT

COMPACT (230V 50/60HZ)

Product Code: 00043780

The Multi201 XPRT packs the latest welding technologies into a compact 220V single phase system. This is not a DIY machine! This is a serious industrial unit offering great flexibility with all the arc controls demanded by Industry professionals. Welding processes including MIG PULSE, MIG DOUBLE PULSE, Standard MIG, High frequency TIG, Standard TIG, Synergic STICK, Standard Stick and flux-cored welding. Material that can be welded includes Mild steel, stainless steel, Aluminum, Silicon Bronze, Titanium, Nickel alloys. Set your weld settings by selecting the type of material, thickness, weld process, welding gas mixture, and the machine sets the rest! The LED Touch screen is not only tough but allows the welder to easily set the machine, even in low light conditions. The intuitive display supported with display graphics make this machine super easy to set. All the important information is shown on the main screen for easy access and navigation. There are also 100 memory slots you can save and name your favorite weld setting with the digital keyboard for easy retrieval at a later stage. The machine is also equipped with a digital torch to allow you to set your welding parameters from your welding torch! This is a great when welding different thicknesses of material, welding joints and weld positions on the same workpiece.



Output DC CC/CV

Input 1 PHASE POWER AC230V 50/60HZ



FEATURES

- MULTI-PROCESS
- 100 SYNERGIC WELD SETTINGS FOR TYPE OF MATERIAL TO BE WELDED
- 100 PROGRAMMABLE MEMORY SLOTS TO SAVE WELD SETTINGS
- LED TOUCH SCREEN DISPLAY WITH INTUITIVE USER INTERFACE FOR EASY WELD SETTINGS
- HIGH FREQUENCY TIG AND PULSED TIG FOR THE MOST DEMANDING STAINLESS AND MILD STEEL APPLICATIONS
- DIGITAL MIG TORCH TO SET AMPS AND VOLTS ON THE FLY
- DIGITAL TIG TORCH WITH START/STOP AS WELL AS CURRENT ADJUSTMENT TO SET WELD CURRENT ON THE FLY (OPTIONAL)
- FOOT CONTROL FOR TIG OPERATION (OPTIONAL)
- DEDICATED ARC CONTROLS FOR EACH PROCESS
- GLICK FUNCTION FOR MIG AND TIG PROCESSES TO MANAGE HEAT INPUT ON THE FLY. SWITCH BETWEEN A HIGH AND A LOW CURRENT SETTING BY A PRESS OF THE TRIGGER
- SPOOL GUN COMPATIBLE FOR ALUMINIUM MIG WELDING
- 4 ROLL WIRE FEEDER FOR ACCURATE WIRE FEEDING
- POLARITY SWITCH FOR WELDING FLUX-CORED GAS-LESS WIRES
- THERMAL OVERLOAD PROTECTION
- IP23S ENCLOSURE RATING
- GENERATOR COMPATIBLE: MIN 11 KVA WITH VOLTAGE STABILIZER
- 1KG AND 5KG SPOOL SIZES

OUTPUT RANGE

5-200 Amps

DIMENSIONS L X W X H

605 X 400 X 230MM

DRY WEIGHT

17kg

APPLICATIONS

- Maintenance and repair
- Fabrication
- Automotive
- Agriculture
- Process equipment
- Sheetmetal fabrication

MATERIALS

Mild steel, Stainless steel, Aluminum.
Silicon bronze, Alu Bronze, Titanium

WELDING PROCESS

GMAW (MIG):

Conventional GMAW
Pulse GMAW
Double pulse GMAW

DC GTAW (TIG):

Lift arc GTAW
High Frequency GTAW
Pulse high frequency GTAW

SMAW (STICK/MMA):

Conventional SMAW
Synergic SMAW for rutile, stainless steel, basic, and cellulosic electrodes

FCAW (Flux-cored):

Gasless FCAW
Gas assisted FCAW

SPECIFICATIONS

Multi 201 Xprt	
Input power	AC230V single-phase 50/60Hz
Rated input capacity	5.83KVA
Power factor	0.65
Rated efficiency	82%
Rated no-load voltage	77V
Input	Rated maximum output
	MMA 180A/27.2V
	TIG 200A/18V MIG 200A/24V
Rated duty 2T/4T	25% @ AC230V Single-phase
Welding current	MMA 20A/20.8V~180A/27.2V
	TIG 5A/10.2V~200A/18V
	MIG/pulsed MIG 20A/16V~200A/24V
Ambient	Operation temperature
	-10~+40°
	Storage temperature
	-25~+55°
	Protection class
	IP23S
	Insulation class
	H
Cooling method	Air cooling
	Dimension of bare welding source
	605mm*400mm*230mm
	Dimension of packaged welding source
	730mm*585mm*330*mm
Weight of bare welding source	17.0kg
	Weight of complete welding source
	19.0kg



AMIG280PM

COMPACT (380V)

Product Code: 00042932 (Without trolley) or 00042933 (With trolley)

The AMIG 280 PM is a digital multiprocess inverter designed to offer compact versatility. This 3 phase 380V unit offers GMAW, FCAW, GMAW PULSE, GMAW DOUBLE PULSE, LIFT ARC GTAW and SMAW as well as a 4 roll drive system and digital displays. This machine can be operated manually or in synergic mode for easy parameter setting. Just select the type of material as well as plate thickness and the machine will set the rest! The AMIG 280 PM offers full arc controls including hot-start, arc-force, burnback, pre and post-flow gas as well as a 40% duty cycle @ 280Amps @40 Degrees Celcius and a 3 year parts and labour warranty.



Output	DC CC/CV	
Input	3 PHASE POWER	380/400/415V ±10%/50Hz

FEATURES

- MULTI PROCESS CAPABILITY
- 40% DUTY CYCLE @ 280AMPS @40DEGC
- EMBEDDED WELDING DATABASE WHICH PROVIDES INTELLIGENT WELDING PARAMETERS FOR VARIOUS TYPES OF MATERIALS
- ARC CONTROLS INCLUDE HOT-START, ARC-FORCE, BURN BACK, PRE AND POST-FLOW GAS, 2 STEP, 4 STEP, SPOT WELDING
- 4 ROLL WIREFEEDER
- INTEGRATED TROLLEY DESIGN FOR MANOEUVRABILITY AROUND A WORKSHOP (OPTIONAL)
- THERMAL OVERLOAD PROTECTION
- SPOOL GUN COMPATIBLE

OUTPUT RANGE

20-280 Amps

DIMENSIONS L X W X H

630 X 280 X 480mm

DRY WEIGHT

34kg

APPLICATIONS

- Maintenance and repair
- Fabrication
- Automotive
- Agriculture
- Process equipment
- Sheetmetal fabrication

MATERIALS

Mild steel, Stainless steel, Aluminum. Silicon bronze, Alu Bronze

WELDING PROCESS

GMAW / FCAW / GMAW PULSE / GMAW DOUBLE PULSE / LIFT ARC GTAW /SMAW

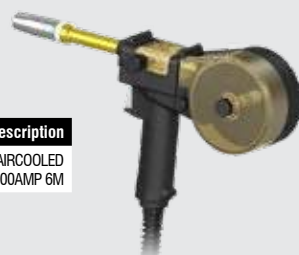
SPECIFICATIONS

AMIG 280 PM	
Voltage/Frequency (3~)	AC 380/400/415V ±10%/50Hz
Rated input power (KVA)	14.3
Rated input current(A)	21.5/20.5/19.7
Range of welding current(A)	MIG:20~280/STICK:30-280/TIG:30-280
Range of welding voltage(V)	MIG:15~28/STICK:21.2-31.2/TIG:11.2-21.2
OCV(V)	107/16(VRD)
Duty cycle (%)	40
Full-load efficiency(%)	≥87
Power factor	≥0.95
Wire diameter (mm)	Φ0.8, 1.0, Φ1.2
Gas flow(L/min)	15~20
Dimension(mm3)	630×280×480
Weight (Kg)	34
Isolation degree	H
IP class	IP21S
EMC class	A

OPTIONAL EXTRA

PARWELD SAB3600-60E-1

Product Code	Model	Description
42926	BZL SA200	MIG TORCH SPOOL GUN AIRCOOLED EURO END 300AMP 6M





AMIG500PM

ADVANCED PROCESS INVERTER (380V)

Product Codes: 00042730 (Steel/Stainless) or 00039259 (Weld Aluminium)

The AMIG 500 PM is a fully digital pulse MIG system designed for the most demanding welding applications. It provides exceptional arc and weld puddle control, ensuring optimum processes efficiency and exceptional weld quality.



FULL-DIGITAL CONTROL, EXCELLENT WELDING PERFORMANCE

- MINIMAL SPATTER GENERATION AND EXCELLENT BEAD APPEARANCE
- EMBEDDED WELDING DATABASE, WHICH PROVIDES INTELLIGENT WELDING PARAMETERS WIDELY USED FOR SELECTION OF VARIOUS WELDING MATERIALS AND PLATE THICKNESSES
- CAN BE USED FOR BOTH AUTOMATED OR MANUAL APPLICATIONS
- 100 PROGRAMMABLE MEMORY SLOTS

OUTPUT RANGE

25 - 500 Amps

DIMENSIONS L X W X H

655 x 324 x 546 mm

DRY WEIGHT

53kg

APPLICATIONS

- Automotive
- Fabrication
- Ship-building
- Solar
- Petrochemical

MATERIALS

Carbon Steel / Stainless Steel / Aluminium / Nickel Alloys

STANDARD EQUIPMENT

- 1 Power source
- 1 Connected primary cable L=3m
- 1 Welding cable L=3m
- 1 Ground cable L=3m
- 1 Wire feeder with Europe connection

SPECIFICATIONS

AMIG 500 PM	
RATED INPUT VOLTAGE /FREQUENCY (HZ)	3 PHASE , 380V±10%, 50 /60HZ
RATED INPUT CAPACITY (KVA)	23.4
RATED INPUT CURRENT (A)	36.1
DUTY CYCLE (40 °C)	60%@500A
OCV (V)	AROUND 106
OUTPUT CURRENT RANGE (A)	25-500
OUTPUT CURRENT RANGE (V)	14-50
TRIGGER MODE	2/4T, SPOT, REPEAT
WIRE SIZE (MM)	0.8, 1.0, 1.2, 1.6
DOUBLE PULSE FREQUENCY (HZ)	0.5-5
JOB CHANNELS	100
PROTECTION CLASS	IP23
DIMENSION (MM)	655 X 324 X 546
WEIGHT (KG /LB)	53/116.3



Output **DC/DC PULSE**

Input **3 PHASE 50 HZ/60 HZ 380V±10%**



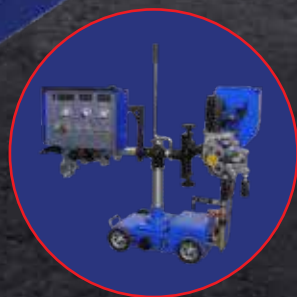


ASAW1250II

SUBMERGED ARC WELDING

Product Code: 00043381

The ASAW 1250 II is a 1250Amp @100% duty cycle submerged arc powerhouse designed for heavy fabrication environments. ASAW 1250 II has flexible adjustment of welding parameters, such as arc-starting, burn back time and Run-in wirefeed speed to ensure the perfect weld. Can be used either with a welding tractor or on a column and boom configuration.



Output CC / CV DC

Input 3 PHASE POWER 50 HZ/60 HZ 380V±10%



1. 100% Duty cycle @ 1250Amps @ 40Deg C°
2. Suitable for both thick and thin wire configurations
3. Easy to preset parameters with simple remote control box
4. Flexible adjustment of arc-starting, burn back time and wire feeding speed
5. Digital communication, Self-diagnostic function with error code display

FEATURES

- HIGH SPEED CPLD AND MCU TWIN-CORE CONTROL SYSTEM ENSURES PRECISE DIGITAL CONTROL DURING WELDING, AND IMPROVE WELDING SEAM FORMATION
- CC AND CV MODE FOR THIN AND THICK WIRE CONFIGURATIONS FROM 1.6MM - 6.0MM
- 100% DUTY CYCLE
- INVERTER DESIGN FOR PRECISE WELD ADJUSTMENT AND ENERGY CONSUMPTION COMPARED TO TRADITIONAL RECTIFIER MACHINES
- TROUBLE SELF-DIAGNOSIS SYSTEM, ERROR CODE DISPLAY

OUTPUT RANGE

50-1250 Amps

DIMENSIONS L X W X H

785 x 360 x 848mm

DRY WEIGHT

100kg

APPLICATIONS

- Bridge construction
- Industry plant construction
- Large oil tank manufacture
- Machinery industry
- Shipbuilding and offshore engineering
- Automobile
- Metal shop

WELDING PROCESSES

SAW / SMAW / Gouging

MATERIALS

Carbon Steel / Stainless Steel / Heat resistant steel / Alloy steel

Mild Steel Welding Capability

4~>50/0.16~>1.968" 28~41 V, 270~1250A

Stainless Steel Welding Capability

5~>50mm /0.19~> 1.968" 28~41 V, 270~1250A

SPECIFICATIONS

ASAW 1250 II	
Primary power voltage /Frequency	3 phase, AC 380V+ 10%, 50Hz
Rated input power (KVA)	69
Rated input current (A)	115/109.3
Welding current range (A)	50~1250
Welding voltage range (V)	20~50
Rated duty cycle (%)	10
Open circuit voltage (V)	SAW: 95
Efficiency (%)	≥ 89
Wire diameter (mm)	Φ3.0-Φ6.0
Dimensions (mm³)	785 x 360 x 848
Weight (Kg)	100
Insulation class	H





NOMAD300s

CC/CV MULTIPROCESS

Product Codes: 00041841

The NOMAD 300S is built for the construction, pipeline, and mining industry. This 320Amp unit offers superior weld performance on various weld processes combined with single phase auxiliary capabilities.

This unit is built with production, cost of ownership and ease of use in mind. Offering various processes with full arc controls, combined with smart engine controls, this unit offers unrivaled performance and fuel efficiency. This unit also offers industry leading sound levels at only 65Decibels @7m making it ideal for noise sensitive areas as well as crew communications.



Output DC/CC

Input 3 PHASE 50 HZ/60 HZ
AC 380V ± 15%



OPTIONAL EXTRA

PRODUCT CODE:
00041427

UNIFEED24

WIRE FEEDER

FEATURES

- FULL CC/CV CAPABILITIES
- 2 X 230V AUXILIARY PORTS
- BUILT IN VRD FOR MINING REGULATIONS
- BUILT IN WATER, DIESEL & OIL TRAP ELIMINATING THE USE OF DRIP TRAYS
- 3 YEAR WARRANTY PARTS & LABOR ON WELDING END
- STANDARD INTERNATIONAL KUBOTA WARRANTY ON ENGINE
- REMOTE CONTROL CAPABILITY ON GTAW & SMAW MODE
- SUITCASE WIRE FEEDER COMPATIBLE FOR FLUXCORED & GMAW PROCESSES
- EASY ACCESS FROM BOTH SIDES OF THE MACHINE FOR MAINTENANCE & SERVICE
- BATTERY CUT OFF SWITCH
- INTUITIVE CONTROL PANEL WITH DIGITAL DISPLAY

OUTPUT RANGE

30-320 Amps

DIMENSIONS L X W X H

1363mm x 635mm x 828mm

DRY WEIGHT

330kg

APPLICATIONS

- Pipe Line
- Construction
- Civil Engineering
- Rental
- Offshore
- Fabrication
- Mining
- Rail Road
- Service Truck
- Maintenance and Repair

WELDING PROCESS

SMAW / Lift GTAW / FCAW / Pipe mode / Scratch TIG / GMAW



Preset welding current



CC/CV Welding mode



Stop engine immediately



Max open circuit voltage



CC/CV/Droop Welding mode selector



Voltage regulation device OCV less than 15



Adjust arc strength between soft and crisp



Containment to prevent leakage of fuel and oil

SPECIFICATION

WELDING DC GENERATOR

GENERATING METHOD	PERMANENT MAGNET ROTATING FIELD
RATED SPEED (MIN-1)	3000
NO LOAD VOLTAGE (V)	MAX85
CC DROOP	SINGLE
RATED CURRENT (A)	270
RATED VOLTAGE (V)	30.8
DUTY CYCLE (%)	100
CURRENT ADJ. RANGE (A)	30-320
WELDING ROD CAPACITY (MM)	Φ 2.0-6.0
GOUGING ROD (MM)	Φ 3.2-6.5
CV	SINGLE
RATED CURRENT (A)	270
RATED VOLTAGE (V)	26.5
DUTY CYCLE (%)	100
CURRENT ADJ. RANGE (A)	30-320
VOLTAGE ADJ. RANGE (V)	14-31
WELDING WIRE	0.6-2.0

AC GENERATOR

SINGLE & DUAL	
RATED FREQUENCY (HZ)	50 I 60
RATED SPEED (MIN-1)	3000
PHASE	1 PHASE
RATED VOLTAGE (V)	220
RATED CURRENT (A)	TOTAL 22.7 (2 RECEPTACLES)
RATED OUTPUT (KVA)	5.0
POWER FACTOR	1.0
RATING	CONTINUOUS

DIMENSIONS

SINGLE & DUAL	
OVERALL DIMENSIONS (MM)	(L)1363 X (W)635 X (H)823
DRY WEIGHT (KG)	330
NET WEIGHT	371

ENGINE

MODEL	ENGINE TYPE	DISPLACEMENT (L)	RATED OUTPUT (KW/MIN-1)	FUEL TANK CAPACITY (L)
KUBOTA D722-E3B	VERTICAL, WATER-COOLED, 3 CYLINDER DIESEL	0.719L	15.0/3000 17.6/3600	37L

Powered by



NOMAD400DUAL

VARIOUS WELD PROCESSES (380V)

Product Codes: 00041162

The Nomad 400 Dual is built for the construction, pipeline, and mining industry, the Nomad 400 Dual offers superior weld performance on various weld processes combined with single and three phase auxiliary capabilities. This unit is built with production, cost of ownership and ease of use in mind. Offering dual welding arcs on various processes with full arc controls, combined with smart engine controls, this unit offers unrivaled performance and fuel efficiency. This unit also offers industry leading sound levels at only 65Decibels @7m making it ideal for noise sensitive areas as well as crew communications.



OPTIONAL EXTRA

PRODUCT CODE:
00041427

UNIFEED24
WIRE FEEDER

FEATURES

- WELD 2 PROCESSES/ARCS SIMULTANEOUSLY
- FULL CC/CV CAPABILITIES
- 220V & 380V AUXILIARY PORTS
- BUILT IN VRD FOR MINING REGULATIONS
- BUILT IN WATER, DIESEL & OIL TRAP ELIMINATING THE USE OF DRIP TRAYS
- REMOTE CONTROL FOR BOTH ARCS ON GTAW & SMAW MODE
- SUITCASE WIRE FEEDER COMPATIBLE FOR FLUXCORED & GMAW PROCESSES
- EASY ACCESS FROM BOTH SIDES OF THE MACHINE FOR MAINTENANCE & SERVICE
- BATTERY CUT OFF SWITCH
- INTUITIVE CONTROL PANEL WITH DIGITAL DISPLAY
- THIS UNIT ALSO OFFERS A BRUSH-LESS ALTERNATOR REDUCING YEARLY MAINTENANCE COST
- 3 YEAR PARTS AND LABOUR WARRANTY
- 1 YEAR STANDARD WARRANTY ON ENGINE BY KUBOTA SUBJECT TO THEIR WARRANTY CONDITIONS

**Engine and engine accessories are warranted by the engine or engine accessory manufacturer*

OUTPUT RANGE

Single: 95-400 Amps

Dual: 50-210 Amps

DIMENSIONS L X W X H

435mm X 700mm X 848 mm

DRY WEIGHT

480kg

APPLICATIONS

- Pipe Line
- Construction
- Civil Engineering
- Rental
- Offshore
- Fabrication
- Mining
- Rail Road
- Service Truck
- Maintenance and Repair

WELDING PROCESS

SMAW / Lift GTAW / FCAW / Gouging / Pipe mode / Scratch TIG / GMAW



Preset
welding current



CC/CV
Welding mode



Stop engine
immediately



Max open circuit
voltage



CC/CV/Droop
Welding mode selector



Voltage regulation device
OCV less than 15



Adjust arc strength
between soft and crisp



Containment to prevent
leakage of fuel and oil

SPECIFICATION

Nomad 400 Dual				Single	Dual
OUTPUT	CV	RATED CURRENT	(A)	330 / 340	180 / 200
		RATED VOLTAGE	(V)	31.5 / 32.0	20.0 / 21.0
		RATED DUTY CYCLE	(%)	100	100
		VOLTAGE ADJUSTING RANGE	(V)	14.0-34.5 / 14.0-35.0	14.0-21.0 / 14.0-23.5
	CC DROOP	WIRE SIZE	(MM)	Φ0.6-Φ2.0	Φ0.6-Φ1.6
		RATED CURRENT	(A)	370 / 390	180 / 200
		RATED VOLTAGE	(V)	34.8 / 35.6	27.2 / 28.0
		RATED DUTY CYCLE	(%)	60	100
		CURRENT ADJUSTING RANGE	(A)	30-390 / 30-400	30-200 / 30-210
		STICK ROD SIZE	(MM)	Φ2.0-Φ8.0	Φ2.0-Φ4.0
		GOUGING ROD	(MM)	Φ3.2-Φ8.0	Φ3.2-Φ5.0
	RATED RPM		(MM ⁻¹)	3000 / 3600	
	OCV		(V)	MAX 85	
EQUIPPED / FEATURE	WELDING MODE			1 - CV-WIRE	(VRD:ALWAYS OFF)
				2 - DROOP-STICK	(VRD:ALWAYS OFF)
				3 - GOUGING	(VRD:ALWAYS OFF)
				4 - LIFT START TIG	(VRD:ON/OFF)
				5 - CC-STICK	(VRD:ON/OFF)
	WELDING OUTPUT METER			AMPERE / VOLTAGE ×2 (A SIDE AND B SIDE)	
	OUTPUT PRESET FEATURE			YES	
	ARC FORCE DIAL			YES (ONLY CC MODE)	
	VRD FUNCTION			YES (ON-OFF SWITCH, INSIDE)	
	VRD LEDS			YES (GREEN/RED)	

WELDING DC GENERATOR

CC DROOP	SINGLE	DUAL
RATED CURRENT (A)	390	200
RATED VOLTAGE (V)	35.6	28.0
DUTY CYCLE (%)	60	100
CURRENT ADJ. RANGE (A)	95-400	50-210
WELDING ROD CAPACITY (MM)	Φ 2.6-8.0	Φ2.0-4.0
GOUGING ROD (MM)	Φ 3.2-8.0	Φ 3.2-5.0
RATED CURRENT (A)	350	200
RATED VOLTAGE (V)	32.5	21.0
DUTY CYCLE (%)	100	100
CURRENT ADJ. RANGE (A)	14-35	14-23.5
WIRE SIZE (MM)	0.6-2.0	0.6-1.6

AC GENERATOR

SINGLE & DUAL	
RATED FREQUENCY (HZ)	50
RATED SPEED (MIN-1)	3000/3600
PHASE	3-PHASE
RATED OUTPUT (KVA)	12KVA X 1 SOCKET
RATED VOLTAGE (V)	415
POWER FACTOR	0.8
RATED CURRENT (A)	200
RATED VOLTAGE (V)	21.0
DUTY CYCLE (%)	100
CURRENT ADJ. RANGE (A)	14-23.5
WIRE SIZE (MM)	0.6-1.6

DIMENSIONS

SINGLE & DUAL	
OVERALL DIMENSIONS (MM)	(L)1435 X (W)700 X (H)848
DRY WEIGHT (KG)	480
NO LOAD VOLTAGE (OCV)	MAX85V

ENGINE

MODEL	ENGINE TYPE	DISPLACEMENT (L)	RATED OUTPUT (KW/MIN-1)	FUEL TANK CAPACITY (L)
KUBOTA D902	VERTICAL, WATER-COOLED, 3 CYLINDER DIESEL	0.898L	15.0/3000 17.6/3600	37L

Powered by



UNIFEED24

WIRE FEEDER

Product Code: 00041427

The UNIFEED 24 is the latest wire feeder in the UNIARC offering. This voltage sensing wire feeder is designed for harsh working conditions and high production environments ideal for construction, mining and pipeline sites. Constructed out of a hard wearing plastic composite this robust feeder offers both CC as well CV modes. This unit is compatible with most recognized engine driven welders with a wire capacity up to 2.4mm FCAW wire. Driven by a 4 roll drive system this system has enough torque for high production environments without wire slippage or wire deforming. Torch control includes 2 step and 4 step control and also has cold wire feed and gas purge capabilities. Recessed digital displays ensures visibility of your weld settings in low light conditions.



ISO 9001

Output CC / CV

FEATURES

- VOLTAGE SENSING WIRE FEEDER
- 4 ROLL DRIVE SYSTEM
- HIGH PRODUCTION ENVIRONMENTS WITHOUT WIRE SLIPPAGE OR WIRE DEFORMING
- AUTO VENTING SEALED WIRE COMPARTMENT
- 2 STEP AND 4 STEP CONTROL
- COLD WIRE FEED
- GAS PURGE CAPABILITIES
- RECESSED DIGITAL DISPLAYS

OUTPUT RANGE

300 - 425 Amps

DIMENSIONS L X W X H

600 x 220 x 430 mm

DRY WEIGHT

14,6kg

APPLICATIONS

- Construction
- Mining
- Pipeline
- Ship building

WELDING PROCESS

GMAW / FCAW-SS / FCAW-GS

SPECIFICATIONS

SYNERGIC 500	
POWER SUPPLY VOLTAGE (DC) - GENERATOR OUTPUT	U _n = 17 VDC - 113 VDC
U _n = 30 VAC - 80 VAC	PHOTOELECTRIC CODER FEEDER + SEPERATE CHIP HIGH-SPEED LOOP CONTROL
MOTOR SPEED	1-24 M/MIN
39 -945 INCH/MIN	30-80HZ
DRIVE ROLLER TYPE	C (X2)
E (X2)	0.93
TORCH CONNECTOR	EURO
SUPPORTED WIRE REELS	200MM / 300MM
SUPPORTED WIRES	FE : 0.6MM - 1.6MM SS : 0.8MM - 1.6MM AL : 1.0MM - 1.6MM
CORED : 0.9MM - 2.4MM	30-500A
DUTY CYCLE AT 40°C (10 MIN)* STANDARD EN60974-1.	60% 425A
100% 300A	0.8/ 1.0/ 1.2/ 1.6/ SP MM
PROTECTICE GAS (P _{MAX} = 0,5 MPA / 5 BAR/ 72,52 PSI)	DEPENDING ON THE MATERIAL TO WELD
FUNCTIONNING TEMPERATURE	-10°C / + 40°C
STORAGE TEMPERATURE	-20°C +55°C
PROTECTION LEVEL	IP23
DIMENSIONS (L X W X H)	600 X 220 X 430 MM
WEIGHT	14,6KG



CUT451PFC

PLASMA CUTTER INVERTER (230V)

Product Codes: 00039253

The CUT451 PFC plasma cutter is a ready to go single phase plasma inverter, designed for the job site. This pilotarc system offers quality cuts, fast cutting speeds and simple operation, combined with the powerful CP70 pilotarc torch. Whether cutting gratings or plate, the pilotarc system keeps the arc stable for effortless cutting. Just add your external air supply and you are ready to cut. This unit also offers 2T/4T functionality, as well as CNC interface as standard for integration onto your plasma table.



Output **DC/CC**

Input **3 PHASE POWER 400 V 50/60 Hz**

FEATURES

- 2T/4T FUNCTION
- PRE-FLOW TIME
- POWER FACTOR CALIBRATION(PFC)
- OVER HEAT PROTECTION
- OVER CURRENT PROTECTION
- CNC INTERFACE
- PILOTARC

OUTPUT RANGE

10 - 45 Amps

DIMENSIONS L X W X H

439 x 165 x 327mm

DRY WEIGHT

9.1kg

APPLICATIONS

- Site maintenance
- Ducting
- Plate work
- Agriculture

CUTTING THICKNESS

Quality cuts: 12 mm
Severance cuts: 20 mm

MATERIAL TO BE CUT

Carbon steel / Stainless steel / Aluminium

PLASMA CUTTING PROCESS

DC Plasma

SPECIFICATIONS

CUT 451 PFC	
INPUT VOLTAGE	1-PH AC230V(160-265V) 50/60HZ
OCV	DC280V
OUTPUT CURRENT	10A-45A
DUTY CYCLE(UNDER 40C°)	35%
QUICK CONNECTOR	16-25B



CUT803

PLASMA CUTTER INVERTER (280V)

Product Codes: 00039254

The CUT803 plasma cutter is a ready to go industrial plasma inverter, designed for the job site or workshop. This pilotarc system offers quality cuts, fast cutting speeds and simple operation, combined with the powerfull CP125 pilotarc torch. Whether cutting gratings or plate, the pilotarc system keeps the arc stable for effortless cutting. Just add your external air supply and you are ready to cut. This unit also offers 2T/4T functionality, as well as CNC interface as standard for integration onto your plasma table.



FEATURES

- 2T/4T FUNCTION
- PRE-FLOW TIME
- OVER HEAT PROTECTION
- OVER CURRENT PROTECTION
- CNC INTERFACE
- PILOTARC

OUTPUT RANGE

20 - 80 Amps

DIMENSIONS L X W X H

540 x 250 x 380mm

DRY WEIGHT

15kg

APPLICATIONS

- Site maintenance
- Ducting
- Plate work
- Agriculture
- Construction
- Shipbuilding
- Petrochemical
- Automated cutting

CUTTING THICKNESS

Quality cuts: 20 mm

Severance cuts: 30 mm

MATERIAL TO BE CUT

Carbon steel / Stainless steel / Aluminium / Copper / Cast iron

PLASMA CUTTING PROCESS

DC Plasma

SPECIFICATIONS

CUT 803	
INPUT VOLTAGE	3PH- AC380V±15% 50/60HZ
OCV	DC310V
OUTPUT VOLTAGE	88V-112V
OUTPUT CURRENT	20A-80A
DUTY CIRCLE	40%
QUICK CONNECTOR	16-25/EURO



Output **DC/CC**

Input **3 PHASE POWER 50 HZ/60 HZ AC 380V±15%**



CUT125PRO

PLASMA CUTTER

Product Codes: 00043416

The CUT 125 PRO is an industrial plasma cutter designed for serious cutting applications. It has a 100% duty cycle at 125 Amps making ideal for production cuts by hand or on an automated system or table. The marking mode also makes it ideal to mark your parts for traceability



Output **DC/CC**

Input **3 PHASE POWER 400 V 50/60 Hz**

FEATURES

- AUTOMATIC MANAGEMENT OF PRESSURE AND AIR FLOW INDEPENDENT OF THE TORCH LENGTH AND THE OPERATING MODE (CUTTING, GOUGING AND MARKING)
- OPTIMISED CONSUMABLE LIFESPAN
- DUTY CYCLE 100% AT 125 A (40°C)
- MARKING MODE, IDEAL FOR TRACING AND IDENTIFYING PARTS
- CUTS MOST MATERIALS (MILD, STAINLESS, TEMPERED, HLE), ALUMINIUM, COPPER, ETC
- OPTIMIZED COOLING DESIGN TO OPERATE IN AN INDUSTRIAL ENVIRONMENT.
- CONNECTABLE THROUGH ONE OF THE 3 OPTIONAL CNC KITS FOR USE ON AUTOMATED CUTTING TABLE
- REINFORCED CASE IP 23
- ERGONOMIC INTERFACE WITH OLED SCREEN
- 6 WORKING MODES: CUTTING, CUTTING WITH LOCKED TRIGGER, GOUGING, GOUGING WITH LOCKED TRIGGER, CUTTING OF PERFORATED SHEETS, MARKING
- COUNTER TO FOLLOW THE WEAR OF THE CONSUMABLES (NOZZLE AND ELECTRODE)
- PNEUMATIC DIAGNOSIS (MOISTURE PRESENCE TEST AND AIR PRESSURE CONTROL)
- HF-FREE ARC IGNITION TO PREVENT DISTURBANCES THAT COULD DAMAGE NEARBY ELECTRONIC EQUIPMENT
- SIMPLIFIED SOFTWARE UPDATE VIA USB CABLE WITHOUT ANY TOOLS OR DISASSEMBLY
- AVAILABLE WITH EITHER A HAND-HELD TORCH OR AN AUTO TORCH FOR AUTOMATED APPLICATIONS

OUTPUT RANGE

20-125 Amps

DIMENSIONS L X W X H

690 x 400 x 610mm

DRY WEIGHT

36kg

APPLICATIONS

- Maintenance and repair
- Fabrication
- Automotive
- Agriculture
- Process equipment
- Sheetmetal fabrication

MATERIALS

Alloy steel / Stainless steel / Copper / Aluminum and other non-ferrous metals

WELDING PROCESS

CUT 125 PRO		
Work mode	Cutting/Gouging	
Power Supply	400 V - 3 ph, 50/60 Hz	
Fuse	63 A	
Current range	20-125 A	
Duty cycle EN 60974-1 (40°C)	125 A @ 100%	
Air pressure	5 > 9 bar	
Recommended cut (Clean cut)	Steel	40
	Stainless steel / Alu	40
Maximum cut (Separation)	Steel	57
	Stainless steel / Alu	57
Piercing	Steel	25
	Stainless steel / Alu	25
Gouging	Withdrawal rate	12 kg/h
IP	IP 23	
Protected & compatible power generator (+/-15 %)	30 kW	



XCUT ROUGHNECK

The UNIARC XCUT Roughneck is designed for accurate cnc cutting using either Plasma or Oxyfuel cutting. Whether you are cutting in the workshop or out in the field the Roughneck is designed to be portable for on the job cutting. Alternatively, you can mount the Roughneck on an open plasma table or water table for easy plate loading in the workshop. The easy-to-use interface makes it easy to design or upload your cutting files whilst the nesting software allows you to get maximum usability of your plate reducing material wastage.

SPECIFICATIONS

X-CUT Roughneck	
INPUT VOLTAGE	230V 50/60HZ
POWER SUPPLY FREQUENCY	50HZ
RATED POWER	500-1000W
EFFECTIVE CUTTING WIDTH (MM) (X AXIS)	1500
EFFECTIVE CUTTING LENGTH (MM) (Y AXIS) (Could be extended as per customer demand)	3000
PROCESSES	PLASMA CUTTING, OXYFUEL CUTTING
CUTTING MODE	GAS / PLASMA CUTTING
MOTOR STYLE	STEP MOTOR
DRIVE MODE	SINGLE-SIDE
GAS CUTTING THICKNESS	6-100MM
PLASMA CUTTING THICKNESS	0.5MM - 40MM DEPENDING ON PLASMA POWERSOURCE
CUTTING SPEED	10-3000MM/MIN
WORKING PRECISION	±0.2MM/METER
CUTTING GAS	OXYGEN + ACETYLENE/ PROPANE
GAS PRESSURE	OXYGEN: ≤1MPA FUEL: ≤0.1MPA
TORCH HEIGHT CONTROL MODE	MOTOR DRIVE TORCH HEIGHT CONTROL
DISPLAY SCREEN	LCD COLOR SCREEN
NESTING SOFTWARE	FASTCAM



SIMILAR PRODUCTS

UNIARC XCUT ARTISAN



UNIARC XCUT PROFESSIONAL



UNIARC XCUT PIPE





HANDHELD FIBER LASER WELDING

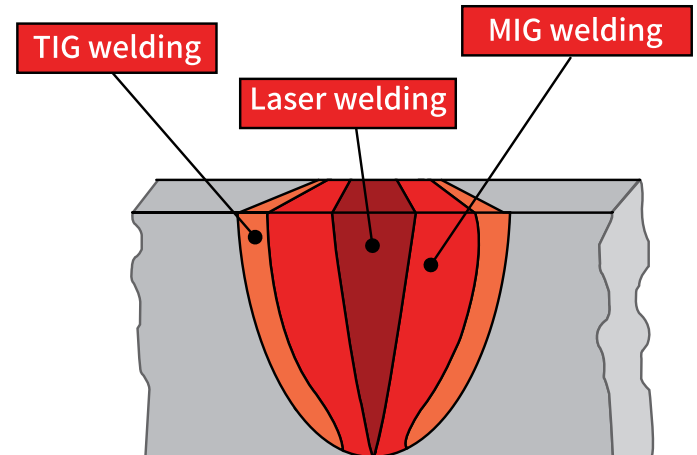
**TECHNOLOGY THAT DELIVERS EXCELLENT
WELDING RESULTS**



WHY HANDHELD FIBER LASER WELDING

Using a laser beam to melt and join metals is much more cost effective, efficient, and precise than MIG/TIG. Benefits include minimal distortion, undercut or burn-through. It delivers excellent welding quality and improves fabricators efficiency and profitability in a competitive environment where fast project delivery and effective cost control are crucial for the success of the project

Comparison of HAZ



In comparison to other types of welding technologies...

Welding Technology		Arc Welding	Solid YAG Laser	CW Handheld Fiber Laser
Welding experience	Heat input	High	Low	Low
	Distortion	High	Low	Low
	Weld seam formation	Fillet	Fillet	Variable
	Post weld processing	Yes	Yes	No
	Welding speed	Low	Medium	High
	Ease of use	Low	High	High
Sustainability	Hazard to people	High	Low	Low
	Pollution to environment	High	High	Low
Cost	Consumables	Electrode/welding wire/shielding gas	Crystal, Xenon gas	Shielding gas
	Energy efficiency	High	Low	High
	Skill requirement	High	Moderate	Low
	Footprint	Small	Large	Small

Our handheld fiber laser lets you weld with ease thanks to...



High Welding Efficiency

- Up to 10x faster than manual TIG welding
- Very limited spatter thus little post-weld cleaning needed
- Little need for rework thanks to minimal porosity, undercut, or distortion



High Energy Efficiency

- CW(continuous wave) laser with 30+% electro-optical conversion efficiency, 10x that of a solid YAG laser



Cost Efficient

- Low welding skill requirement, save on labor cost for experienced arc welder
- Very little maintenance need for key components with pump source having over 100 000 hours lifespan



High Usability

- Color touch screen control panel with intuitive user interface
- Comprehensive job parameter settings
- Small foot print, great mobility and flexibility



Wide Range of Applicable Metals

- Common sheet metal welding
- Dissimilar metal welding

3 IN 1 SYSTEMS**WELDING / CUTTING/ CLEANING**

3-in-1 handheld fiber laser machine

Being a turnkey solution for fast sheet metal fabrication, this system combines laser welding, cutting and cleaning into one system.



Welding

Rapid and consistent weld seam formation, limited training and little post-weld cleaning needed



Cutting

Switch to cutting mode by simply changing nozzle tip; fast and clean cutting of sheet metal, straight or curvise



Cleaning

Switch to cleaning mode by changing lens and operation mode; rapid and thorough removal of rust/paint/grease, etc., easily cleans hard-to-reach spots

3 IN 1 SYSTEMS**WELDING / CUTTING / CLEANING**

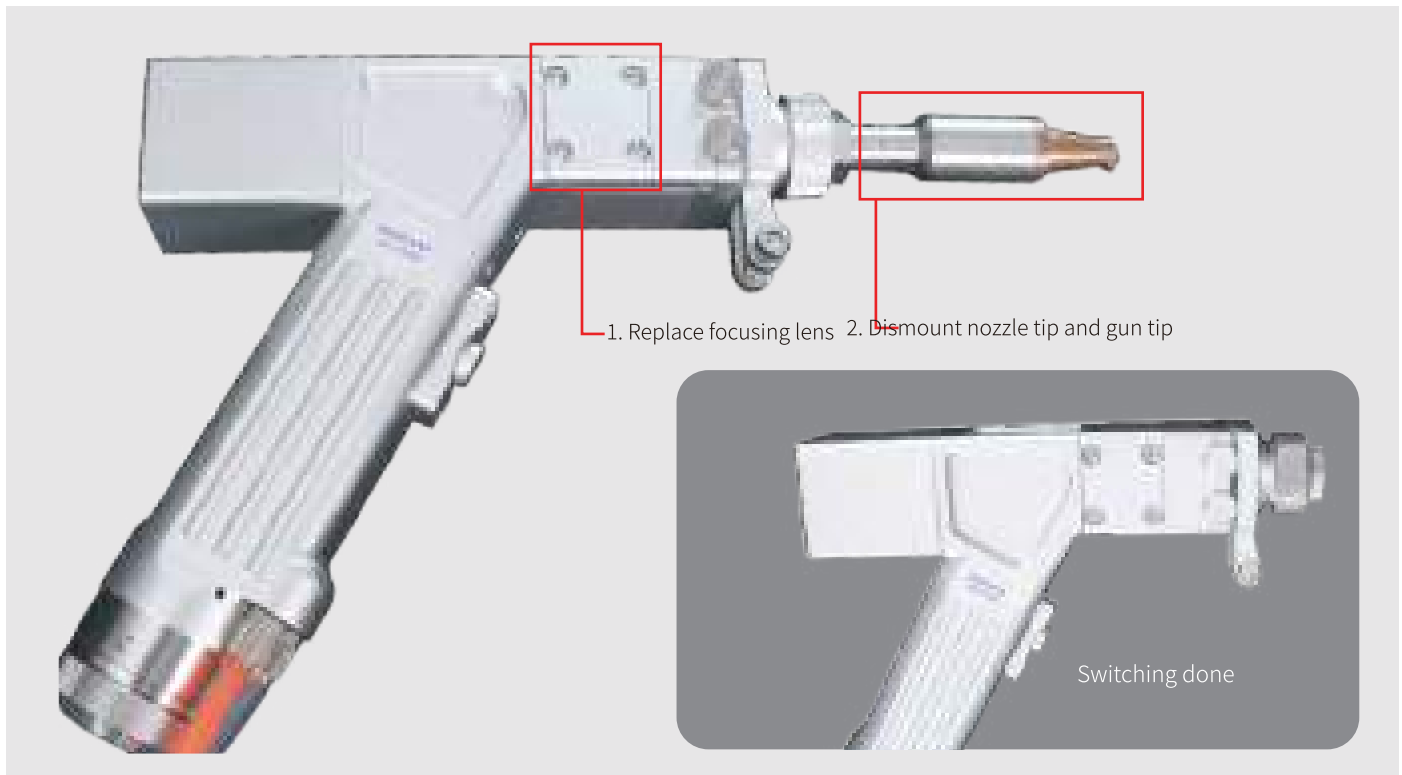
Simple lens change method

The handheld laser gun is by default delivered in welding mode.

Switching from welding to cutting



Switching from welding to cleaning



3 IN 1 SYSTEMS

WELDING / CUTTING / CLEANING

LASER1500_{wcc} HAND HELD FIBER LASER

Product code: 000044133

Main features

- Versatile welding/cutting/cleaning: covers most thin sheet metal fabrication needs
- Rapid and cost-efficient welding/cutting/cleaning: little need for further treatments
- Low training requirement: much easier to master compared to manual MIG, TIG, & plasma cutting
- Small foot print with great mobility & flexibility; extended work perimeter
- Quality laser source with 10x electro-optical conversion efficiency than solid YAG laser; pump source has over 100k hours life span

Model	LASER1500 WCC
Input power supply	1PH AC230 V \pm 5%/50 Hz
Input power	7.2 kw
Center wave length	1080 \pm 10 nm
Electro-optical conversion efficiency	\geq 30%
Laser power	1500 W
Fiber cable length	12 m (9 m exterior)
Cooling method	Water cool
Water tank capacity	13 L
Operating temperature	-10°C \sim 40°C; antifreeze needed when \leq 7°C
Operating humidity	\leq 70% at 40°C; \leq 90% at 20°C
Power source weight	103 kg
Packed weight	147 kg
Package weight of wire feeder and accessories	14.7 kg
Power source dimensions	980 x 420 x 710 mm
Package dimensions	1060 x 490 x 1470 mm
Package dimensions of wire feeder and accessories	560 x 250 x 400 mm

Model		LASER1500 WCC
Welding	Scan width	0~5 mm
	Welding wire diameter	0.8/1.0/1.2/1.6 mm
	Shielding gas	Argon/nitrogen (welding >3 bar)
	Welding thickness	0~5 mm
	Welding gap range	≤Welding wire diameter
Cutting	Recommended cutting thickness	3 mm
	Max cutting thickness	≤5 mm
	Shielding gas	Argon, nitrogen, compressed air (>5 bar)
Cleaning	Scan width	0~120 mm
	Standoff distance	15 cm (F150 focusing lens)
		40 cm (F400 focusing lens)
	Max. cleaning width	20 mm (F150 focusing lens) 40 mm (F400 focusing lens)

LASER3000_{wcc} DUAL WIRE HAND HELD FIBER LASER

Product code: 000044146

Main features

- Dual welding wire feeding, higher weld deposition rate, accommodates wider welding gaps
- Low training requirement, much easier to master compared to manual MIG & TIG
- Delivers exceptional welding results at up to 10x faster rate than manual TIG welding
- Minimal spatter, porosity, undercut, or distortion; little need for post-weld cleaning or rework
- Color touch screen control panel with intuitive interface and comprehensive job parameter settings

Model	LASER3000WCC DUAL WIRE
Input power supply	3PH AC380 V \pm 5%/50 Hz
Input power	13.5 kw
Center wave length	1080 \pm 10 nm
Electro-optical conversion efficiency	\geq 30%
Laser power	3000 W
Fiber cable length	12 m (8 \sim 9 m exterior)
Welding wire diameter	0.8/1.0/1.2/1.6/2 mm
Welding gap range	\leq Welding wire diameter
Shielding gas	Argon/nitrogen
Shielding gas pressure	Welding >3 bar
Welding thickness	0 \sim 5 mm
Scan width	0 \sim 5 mm

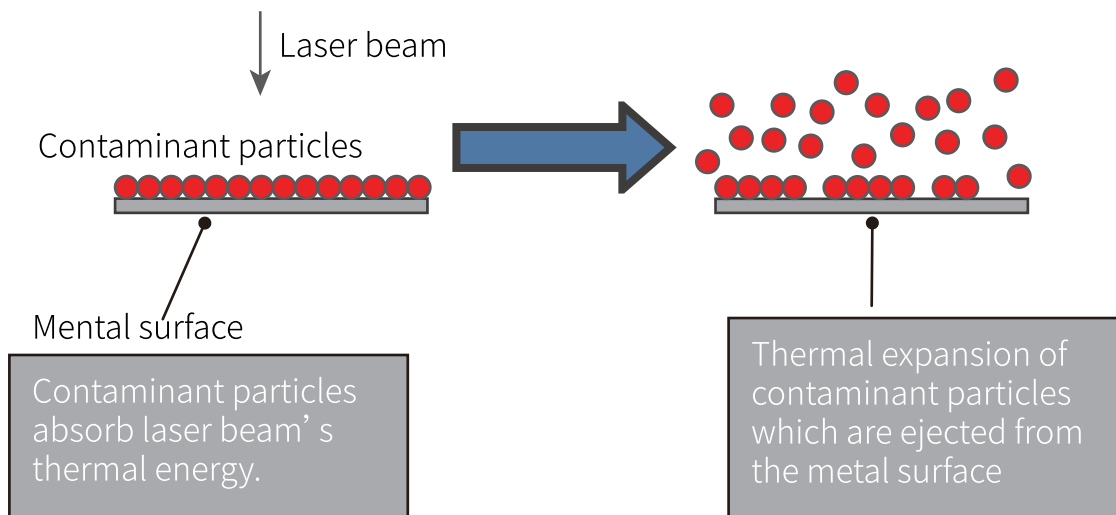
Model	LASER3000WCC DUAL WIRE
Cooling method	Water cool
Water tank capacity	13 L
Operating temperature	-10°C \sim 40°C; antifreeze needed when \leq 7°C
Operating humidity	\leq 70% at 40°C; \leq 90% at 20°C
Power source weight	149 kg
Packed weight	187.5 kg (only source, separate shipment)
Package weight of wire feeder and accessories	33 kg
Power source dimensions	1110 x 530 x 1060 mm
Package dimensions	1220 x 620 x 1135 mm (only source, separate shipment)
Package dimensions of wire feeder and accessories	665 x 335 x 980 mm

CLEANING SYSTEM**DEDICATED CLEANING LASER**

How does handheld fiber laser cleaning work?

This is an emerging manual metal cleaning technology that uses a laser beam to “burn off” rust, oil, coating, and other contaminants from a metal surface. In this process, rapid thermal energy transfer takes place between the laser beam and the contaminant, resulting in rapid thermal expansion of the contaminant particles; the particles are then ejected from the metal surface due to the resulting force caused by the rapid thermal expansion.

Also known as Dry Laser Cleaning, it is a highly effective and efficient cleaning process that requires 0 consumables and generates limited pollution. Thanks to the laser's characteristics, it can also effortlessly clean curvilinear surfaces and hard-to-reach spots.



CLEANING SYSTEM

DEDICATED CLEANING LASER

In comparison to other types of metal cleaning technologies...

Method	Laser cleaning	Chemical cleaning	Dry ice cleaning	Mechanical grinding	Ultrasonic cleaning
Environmental hazard	Low	Very high	High	High	Low
Workpiece damage	Low probability	High probability	High probability	High probability	Low probability
Cleaning uniformity	High	Low	Low	Low	Low
Cleaning efficiency	High	Low	Low	Low	High
Precision	High, adjustable	Low, nonadjustable	Low, nonadjustable	Low, nonadjustable	Not applicable
Ease of use	High	Low	High	High	High

Why UNIARC handheld fiber laser cleaning machine?



High Cleaning Efficiency

- Cleaning width 300mm, rust cleaning rate 60m²/hour
- Easily cleans hard-to-reach spots, unrestricted by work piece's shape



High Energy Efficiency

- CW(continuous wave) laser with 30+% electro-optical conversion efficiency, 10x that of a solid YAG laser



Cost Efficient

- Non-contact cleaning, no damage to work piece's surface
- 0 consumables needed, low environmental hazard
- Almost 0 maintenance needed for key component, pump



High Usability

- Color touch screen control panel with intuitive user interface
- Comprehensive job parameter settings
- Small foot print, great mobility and flexibility



3-Year Warranty

- Comprehensive quality assurance

CLEANING SYSTEM

DEDICATED CLEANING LASER

LASER2000c

HAND HELD FIBER LASER

Product code: 000044147

- High cleaning efficiency with 300mm cleaning width, thin rust cleaning rate 60m²/hour
- Non-contact cleaning, no damage to work piece's surface, 0 consumables needed
- Easily cleans hard-to-reach spots, unrestricted by work piece's shape
- Quality laser source with 10x electro-optical conversion efficiency than solid YAG laser; pump source has over 100k hours life span
- Wide range of application: removal of metal surface rust, paint, grease, oxide/galvanized layer, and other contaminants

Model	LASER2000c
Input power supply	1PH AC230 V±5%/50 Hz
Input power	9 kW
Center wave length	1080±10 nm
Electro-optical conversion efficiency	≥30%
Laser power	2000 W
Fiber cable length	12 m (9 m exterior)
Standoff distance	35-40 cm (F400 focusing lens) 55-60 cm (F600 focusing lens) By default: 75-80 cm (F800 focusing lens)
Shielding gas	Argon, nitrogen, compressed air
Shielding gas pressure	>5 bar
Scan width	0~150 mm (F400 focusing lens, optional) 0~225 mm (F600 focusing lens, optional) By default: 0~300 mm (F800 focusing lens)
Cooling method	Water cool
Water tank capacity	13 L
Operating temperature	-10°C~+40°C; antifreeze needed when ≤7°C
Operating humidity	≤70% at 40°C; ≤90% at 20°C
Power source weight	114.5 kg
Packed weight	140 kg
Power source dimensions	980 x 420 x 710 mm
Package dimensions	1044 x 474 x 1062 mm

Quick selection guide

Type	Model	Welding	Cutting	Cleaning
Cleaning	LASER2000C Product code: 000044147	/	/	Focal length 800mm, cleaning width 300mm
3 in 1	LASER1500WCC Product code: 000044133	Recommended workpiece thickness: 0-5 mm	Recommended workpiece thickness: 3 mm	Focal length 400mm, cleaning width 40mm
	LASER3000WCC DUAL WIRE Product code: 000044146	Recommended workpiece thickness: 0-5 mm	Recommended workpiece thickness: 5 mm	Focal length 400mm, cleaning width 40mm



**041****KEMPPI WELDING
MACHINES & EQUIPMENT**



MMA 043

WELDING MACHINES



TIG 044

WELDING MACHINES



MIG 045

WELDING MACHINES



Application Software

050

WISE PROCESSES



MAX PROCESSES



WeldEye ArcVision

051



MMA

Compact, lightweight and capable. Our MMA welding equipment meets professional welding demands in every respect. Arc ignition and stability dynamic control ensure that every electrode burns effortlessly to produce quality welds. All models are power generator compatible and able to operate in a wide range of conditions from sub zero temperatures to desert heat.

MASTER 315

Master 315 is a stylish and practical stick welding machine, that guarantees optimal welding performance and fast parameter setting.

21.4 kg | 40% @ 300 Amps



THE MAGIC OF CORDLESS REMOTE CONTROL

Select the HR45 remote control and enjoy wireless power or channel control from a distance of up to 100 meters. Eliminate the need for remote cable repairs and improve worksite safety by using the HR45 wireless remote.

Make welding life easy.

FAST AND ACCURATE SETUP, PREMIUM WELD QUALITY



PULSED MMA

For selected applications, Pulsed MMA can lower the overall heat input, improve welding arc control and increase welding speed. Additional benefits of Pulsed MMA include excellent positional and root pass welding properties, cleaner welds and reduced heat deformation.



ARCBREAK TECHNOLOGY

ARCBreak technology provides welding professionals a variable parameter setting to easily make and break the welding arc during MMA welding. With better control of the weld pool and heat input, ARCBreak helps you avoid burn through, improves overall weld quality and increases tack welding speed. ARCBreak can be optimized through the Weld Assist menu for variable electrode types.



CELLULOSIC WELDING PERFORMANCE

Cellulosic welding electrodes require a large voltage reserve for reliable welding. Master 315 has a special welding program and tuned power dynamics, ensuring the unique arc force properties for excellent cellulosic welding performance.



MEMORY CHANNELS

Master 315 includes 99 memory channels for your best parameter settings or WPS values. Copy or delete and update as needed. It's fast and simple.

SUPERB USER EXPERIENCE

Fast and accurate setup with weld assist function

Weld Assist sets your target range parameters fast, guiding every welder towards accurate, productive welding. Follow the simple on-screen steps, by selecting the electrode type, electrode size and joint configuration and hit your best parameters with ease. Perfect for pWPS creation.



MASTER S400

Master S400 is designed for high-performance Stick (MMA) welding. Power source including cellulose welding characteristics provides great welding results with pleasurable welding experience.

20.5 kg | 60% @ 400 Amps

BENEFITS

- Hot start and arc force adjustment for optimised starts and arc control with alternative electrode types, guaranteeing flawless and stable weld pool control every time
- Contact ignition (Lift TIG) in DC TIG
- Arc gouging
- Including cellulose welding characteristics
- Antifreeze cuts off the power and protects the electrode if sticking occurs during welding



TIG

Precise ignition and smooth, stable current flow are the baseline for every model in our TIG welding equipment range. Optional remote control units can be selected to suit either workshop or site conditions, allowing welders to concentrate on quality.

MASTER TIG FAR FROM THE ORDINARY

The new master of AC and DC TIG welding, MasterTig sets new standards for weld quality, usability and power efficiency. Designed for professional user groups, MasterTig product family offers a choice of power variants in 230A, 300A, 400A and 500A models, featuring impressive size and weight specifications.



reddot winner 2020



CLEAR, ACCURATE AND EASY

For fast and accurate parameter setting, choose traditional touch button control panels or the full color 7 TFT control system, including Weld Assist for both TIG and MMA welding. MasterTig 535 ACDC includes the MTP35X panel as standard.



ENHANCED WELDING



DOUBLE PULSE

Double Pulse combines alternative pulse cycles for 30% faster welding speed and 20% reduced heat input. Lowering distortion levels and weld costs, Double Pulse is ideal for DC hand welding and mechanized applications and offers superb weld appearance.



ITEC

ITEC is engineered ignition technology for reliable arc starts. Particularly useful with long torch extensions for site welding or precise thin materials and low current applications, you can set the variable spark force energy.



MEMORY CHANNELS

The full color TFT control panel MTP35X offers 99 memory channels per process to save the best parameter or WPS values. Copy or delete and update as needed. It's fast and simple.



WELD TIME CLOCK

Ideal for total weld cycle measurement and job data records, MasterTig weld clock is simple and fast to reset, allowing you to record and compare welding times between jobs.



MICROTACK

MicroTack is the fast and accurate tacking feature in both DC and AC TIG welding. Ideal for multiple, repetitive tacking on thin sheet applications, where consistent and controlled appearance are paramount. MicroTack can be set between 1 to 5 repeat pulse cycles or continuous cycle mode. The welding current level is set independently and the arc cycle time selected between 1 to 200 ms. Precise tacking with minimum heat input. Perfect.



OPTIMA AC

Optima AC is a customized AC TIG waveform that combines the best of the traditional sine and square waveforms – and adds a touch of magic for the optimal AC welding experience. Depending on the application, you're free to choose either sine, square, or the quiet one: Optima AC.



AUTO PULSE

Easy and convenient, the only value to adjust is the welding current itself. Auto Pulse is ideal for applications in DC current.

WELD ASSIST

Follow simple on-screen steps, selecting material, thickness, joint type and position, and Weld Assist sets the best parameters, guiding every welder towards accurate, productive welding. For MMA select electrode type, electrode size and joint type.





PERSONALIZE

Upload your company logo or favorite image to the MTP35X screen saver. It's simple and fast.

WIRELESS

The magic of cordless remote control. Cancel remote cable repairs and improve work site safety by using wireless remotes. Select either hand or foot pedal modules and enjoy wireless power control from a distance of up to 15 or even 100 meters, depending on the work site. Simply make life easy.



PIVOTSAFE

Four wheel transport units integrate an innovative pivoting cylinder loading plate, for safe cylinder loading.



FASTER SETUP

Weld Assist guides you towards the optimal setup. Tell the machine what you intend to weld and Weld Assist selects parameters for easy and productive welding.



INCREASED WELDING SPEED

Double Pulse function accelerates travel speed in DC applications and lowers heat input by 20%. Faster welding and lower materials distortion.



LOWER NOISE LEVELS

MasterTig reduces noise levels compared to leading competitors in AC and DC welding applications, allowing you to quietly concentrate on quality.

FLEXLITE TIG TORCHES

Flexlite TX torches feature high-strength flexible molded handles for increased comfort and lower welder fatigue. Silicone rubber material gives a firm grip and the innovative design reduces wrist loading, allowing you to concentrate on the perfect weld. Ready equipped to fit MasterTig in either gas or water cooled models, Flexlite TX TIG torches are available in alternative power classes and lengths. Compact welding head designs include rigid, flexible and S-shaped rotating neck models, offering superb cooling performance and good access to challenging joint designs.



MIG

Designed for the welders with an eye for quality, Kemppi MIG/MAG equipment keeps the technology on the inside, and simple, intuitive control and performance on the outside.

SYNERGIC CV

COMPACT MIG/MAG

New standards in the compact mig/mag class

Designed for the modern welding workshop, Kemppi RA expresses stylish and purposeful design through high build quality and functional user benefits, making weld tasks productive, accurate and efficient.

Kemppi RA is built on Kemppi's latest power source platform ensuring optimal welding performance, power cost efficiency, reduced workshop footprint and welder ergonomics. The 320-ampere power source, with adaptive control panel interface, serves a wide range of welding needs for the metal fabrication workshop.



BENEFITS

- Modern, energy efficient power source
- Excellent welding performance with mixed or CO₂ shielding gas
- Precise, clean arc ignition
- Maximum output at 35 % duty cycle
- Large, clear LCD display
- WireLine™ service indicator
- Brights™ cabinet lighting
- GasMate™ chassis design featuring floor level cylinder loading
- HotSpot™ heat treatment function
- 2T/4T gun switch latching
- Spot and cycle arc timer
- Parts storage trays
- Kemppi 3+ warranty



FLOOR LEVEL DESIGN

GasMate chassis design makes gas cylinder collection, storage and movement easy. Gas cylinders are floor level loaded and secured with a strong fabric webbing system.



SPECIAL FEATURES IN KEMPACT ADAPTIVE

(A) MODELS

In addition to all standard features provided in Regular panels with manual set-up, Adaptive panels include plate thickness control, filler materials selection and four memory channels combined with an adaptive mode set-up for your convenience.



SAVINGS ON ENERGY COSTS

Compared to conventional step-controlled power sources.



FASTER MACHINE SETTING

Using the memory channels.



KEMPPi WARRANTY

Covers machine parts and labor.



MASTER RANGE

COMPACT MULTI PROCESS

Master M 358 G

Compact MIG/MAG welder with manual, synergic (Auto), pulse (Auto Pulse), and double pulse welding options. Provides 350 A with a 40% duty cycle. Intelligent welding parameter setting with Weld Assist. Full-color TFT display with integrated digital connectivity to WeldEye and LED work lights for excellent user experience. Includes work pack welding software programs inc. Fe, Ss, Al, CuSi, CuAl, Fe Metal, Fe Rutile, FC-CrNiMo materials. Suitable for generator use.



WELD ASSIST

Weld Assist is a guidance tool for faster setup. Simply select the joint type, welding position and material thickness and you're ready to weld. An excellent instructive and educational tool, Weld Assist parameters can also be adjusted manually for individual preference.



DIGITAL WIRELESS CONNECTIVITY

Transfer and analyse your welding data using Kempki welding management support tools. Master M 358 includes a FREE 3 months' trial licence for WeldEye ArcVision. Digital WPS (dWPS) is optional feature for Master M 358.



WORK PACK SOFTWARE

Standard welding software includes 0.8mm, 0.9mm, 1.0mm, 1.2mm diameter filler wires, Fe, Fe metal, Fe rutile, Ss rutile, Ss, AlMg5, AlSi5, CuSi3, CuAl8. Master M 355 and 358 models accept optional welding software.



AUTOMATIC CALIBRATION

Auto cable calibration measures the welding circuit resistance and calibrates the digital meters, ensuring that the arc voltage value displayed matches accurately the voltage of the welding arc. Critical for accurate WPS compliance.



WORK LIGHTS

Improve work efficiency and safety with or without mains power connected. LED lighting is also included in the wire feed cabinet.



SAFE-TO-LIFT DESIGN

When using suitable lifting equipment Master M can be lifted by the handle, ensuring safe lifting and easy movement on site.



SUPERSNAKE GTX

Extend the reach of your welding gun with the compact SuperSnake GTX subfeeder which includes digital metering, a safety lock ON/OFF switch and a strong protective frame.



POWERLOG

Powerlog trigger logic allows three alternative power levels during welding. Use a standard gun trigger to select the power level required for the job.



MASTER M COOLER

Keeps your welding gun cool and the arc conditions smooth and stable. The cooler tank is easy to clean and has integrated LED lighting, so you can monitor the cooling liquid level and make routine maintenance easy.



GAS GUARD

Prevents welding if the shielding gas supply is interrupted or is not connected. Gas guard is a standard feature on 355 and 358 models.

ENHANCED USER EXPERIENCE

WHETHER YOUR WELDING ACTIVITIES DEMAND FIXED PARAMETER SETTINGS OR CHANGEABLE WELDING TASKS, X5 FASTMIG PROVIDES EASY AND ACCURATE PROCESS CONTROL THROUGH A RANGE OF USER SUPPORT FEATURES.

WELD ASSIST is a guidance tool for faster set up. Simply select your joint type, welding position and material thickness, and you're ready to weld. Weld Assist is an excellent instructive and educational tool. Once applied, the parameters recommended by Weld Assist can also be manually adjusted for individual preference.

AUTO CABLE CALIBRATION measures the welding circuit resistance and calibrates the digital meters, ensuring that the arc voltage displayed accurately matches the arc voltage on the welding gun. Auto calibration is critical for accurate WPS compliance, and is thus a standard feature in all X5 FastMig systems.

Use **MEMORY CHANNELS** to record your frequently used settings for easy access later. AP and APC wire feeders include 100 memory channels. All parameter values are clearly referenced on the screen.

The **DIGITAL WPS** feature takes full advantage of X5 FastMig's digital platform. The dWPS feature ensures that welding procedure specifications are accurately followed and any deviations are reported on the screen. The digital WPS feature is a part of the Kemppi WeldEye Welding Procedures module, with a free 3-month test and trial license available.

USB BACKUP & RESTORE allows system set up and memory channels to be copied and recorded via the X5 FastMig USB port, stored for security reasons or shared with other equipment for mirroring purposes.

PERSONALIZED SCREENSAVER feature allows you to upload your company logo or favorite image to personalize your X5 FastMig screensaver.



Weld Assist



Auto cable calibration



Memory channels



Digital WPS



USB backup and restore



Personalized screensaver

SUPERSNAKE GTX

Extending the reach of standard Euro-connected MIG welding guns, the SuperSnake GTX guarantees reliable wire feeding up to 30 meters from the primary wire feeding unit. Lift it, drag it, pull it, pull it! It is a perfect choice for challenging heavy and medium-heavy metal fabrication and installation work.



DURABLE AND ROBUST

Lift it, drag it, pull it, it's designed for welders



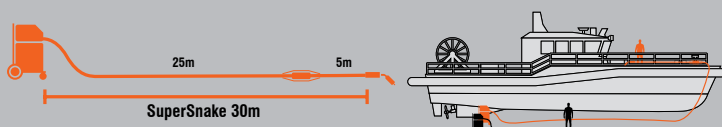
IMPROVED OCCUPATIONAL SAFETY

Significantly less time spent on moving between the power source and welding station.



EASY ACCESS SOLUTION

Quality welding results up to 30 meters from the primary wire feeder.



6X | More reach compared to standard MIG/MAG welding guns

30M | Quality welding results up to 30 meters from the primary wire feeding unit

60% | Easier and faster reach and access to your welding target



X5 FASTMIG/ X5P FASTMIG PULSE VERSATILE INDUSTRIAL MULTI-PROCESS WELDER

Designed and manufactured in Finland, X5 FastMig is a modular multi-process industrial welding system, focused primarily on high performance MIG/MAG welding.

Engineered for ease of use, adaptability and exceptional welding quality, process and equipment options include Manual, Auto and Auto Pulse MIG/MAG welding packages, alternative wire feed units, MMA, gouging and TIG processes, extended reach feeding systems, arc performance software tools and a range of supporting accessories.

Integrated digital wireless connectivity opens up a wealth of welding insight through X5 FastMig APC models, including welding management software and digital WPS (dWPS) functionality, thus delivering the benefits of digital transformation to the very heart of the welding workplace.



BE IN CONTROL

Exceptional tools make work tasks easy and X5 FastMig provides specific feature options that ensure you achieve top quality welding results.



DIGITAL WPS

Use the dWPS to automatically set and weld within the correct parameter values and receive alerts on any deviations on the screen.



POWERLOG

Allows three alternative power level steps during welding, select the power step as needed for your work using the standard gun trigger.



WELD ASSIST

Up to 60% faster than manual mode, Weld Assist sets the welding machine based on your selections for joint type, welding position and material thickness.



AUTOCOOL ENERGY SAVE

Dynamic cooling manages the air flow and cooling circuit run times automatically based on the welding duration, thus reducing electrical power consumption and noise.



TOUCH SENSE IGNITION (TSI)

Minimizes weld spatter and reduces the need for post-weld cleaning.



WELDEYE ARCVISION

A digital service that tracks and records arc-on time and welding parameters for better insight into your welding activities. WeldEye ArcVision digitally collects raw data from connected welding stations and presents it in clear tables and graphs that can be filtered based on various needs. This integrated Industry 4.0 solution is available for a free no obligation test and trial period.



WIRE FEEDERS

Select the wire feeder model that best meets your needs, including the top-loading X5 Wire Feeder for 300 mm wire spools, extra heavy duty site wire feeders for 200 mm and 300mm wire spools, as well as SuperSnake GTX distance and access solutions. They feature robust wire feed mechanisms, quick-release wire feed rolls, wire and gas test buttons, kinetic spool brake and integrated cabinet lighting, so you have a wire feed solution for any application.



TRANSPORT CARRIAGES

Choose from two-wheel and four-wheel carriage options, including fast-connect storage and transportation of wire feed units, innovative floor level gas cylinder loading, improved safety and easier movement around the workshop and on-site.

X5 Wire Feeder HD300 APC

Side-loading wire feeder with a graphical, 5.7" TFT display panel. For synergic MIG/MAG, TIG, MMA, and gouging. Automatic parameter adjustment. 4-wheel wire feed mechanism with integrated lighting and a kinetic spool brake. Impact-resistant cabinet. USB port connectivity. Cabinet lights and LED work lights for excellent user experience. Embedded connectivity to WLAN, supporting the digital WPS and WeldEye ArcVision module. Enables the use of MAX welding processes, Wise special processes, SuperSnake GTX sub feeder, and HR45 remote control.



SET FASTER

Weld Assist is the fast set MIG/MAG guidance tool. Simply select your joint type, welding position and material thickness, and you're ready to weld.



ELEVATE PRODUCTIVITY

MAX and Wise arc performance processes boost productivity, increase welding speed, improve weld pool control and lower heat input.



360° MODULAR SYSTEM

Double Pulse function accelerates travel speed in DC applications and lowers heat input by 20%. Faster welding and lower materials distortion.

ENHANCED USER EXPERIENCE

WHETHER YOUR WELDING ACTIVITIES DEMAND FIXED PARAMETER SETTINGS OR CHANGEABLE WELDING TASKS, X5 FASTMIG PROVIDES EASY AND ACCURATE PROCESS CONTROL THROUGH A RANGE OF USER SUPPORT FEATURES.

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AUTO CABLE CALIBRATION measures the welding circuit resistance and calibrates the digital meters, ensuring that the arc voltage displayed accurately matches the arc voltage on the welding gun. Auto calibration is critical for accurate WPS compliance, and is thus a standard feature in all X5 FastMig systems.

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Weld Assist



Auto cable calibration



Memory channels



Digital WPS



USB backup and restore



Personalized screensaver

SUPERSNAKE GTX

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DURABLE AND ROBUST

Lift it, drag it, pull it, it's designed for welders



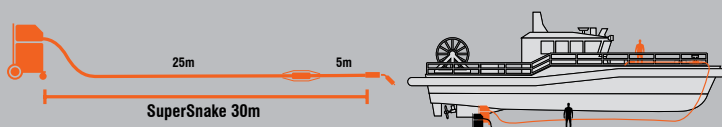
IMPROVED OCCUPATIONAL SAFETY

Significantly less time spent on moving between the power source and welding station.



EASY ACCESS SOLUTION

Quality welding results up to 30 meters from the primary wire feeder.



6X | More reach compared to standard MIG/MAG welding guns

30M | Quality welding results up to 30 meters from the primary wire feeding unit

60% | Easier and faster reach and access to your welding target



APPLICATION SOFTWARE

SPECIAL WELDING PROCESSES, FUNCTIONS AND PROGRAMS TO BOOST PERFORMANCE

WISE PROCESSES



WISEROOT

WiseRoot is an optimized short arc process for root pass welding without backing.



WISETHIN

Optimized short arc process for sheet metal and position welding.



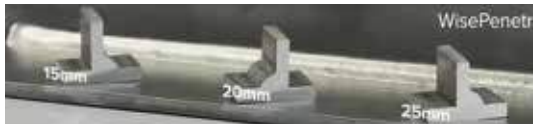
WISEFUSION

WiseFusion optimized welding function produces a very narrow and energy dense welding arc making welding faster and heat input lower.



WISEPENETRATION

A welding function for ensured penetration in synergic MIG/MAG welding.



WISESTEEL

A welding function especially designed to tackle the challenges of globular transfer. WiseSteel alternates short arc transfer with spray transfer, which produces sound welds characterized by a regular fish-scale pattern.



MAX PROCESSES

MAX SPEED

MAX Speed increases welding travel speed by up to 70% compared to traditional pulse or spray arc processes.



MAX COOL

MAX Cool lowers heat input by up to 32%, improving control where excessive temperatures have a negative impact on the weld pool.



MAX POSITION

MAX Position eases position welding, helping to manage gravitational effects on a molten weld pool.





WELDEYE ARCVISION

GAIN INSIGHT INTO ARC-ON TIME AND WELDING PARAMETERS

Do you know how your welding machines are being used?

WeldEye ArcVision collects data automatically from all connected welding stations without additional actions from machine users:

- Arc-on time per hour, day, week, or month
- Welding parameters (A; V)
- Filler wire usage (kg)
- Energy consumption (kWh)

Clear visualizations make production analysis straightforward:

- Station-specific data with latest welds
- Arc-on time comparison views
- Real-time use of welding machines on workshop layout
- Machine-specific information, e.g. setup, software versions
- Main view customization options with widgets

Simple solution for monitoring welding productivity

WeldEye ArcVision is an integrated Industry 4.0 solution that tracks and records arc-on time and welding parameters for better insight into welding production. Raw data is collected digitally from connected welding stations and uploaded wirelessly* to WeldEye ArcVision. The data is then visualized into clear tables and graphs that can be filtered based on different needs and viewed conveniently from your laptop's web browser.



Activate your free three-month trial license of WeldEye ArcVision with no obligation. The trial license also includes WeldEye's Welding Procedures module, allowing you to test the digital WPS (dWPS) feature with X5 FastMig.

Read more on weldeye.com

*X5 Wire Feeder APC or Master M 358 models can be connected to WeldEye ArcVision without additional hardware.



WELDEYE ARCVISION

Offers real-time and accurate data on your daily welding work. It tracks and records arc-on time and welding parameters for better insight into welding production. Raw data is collected digitally from connected welding and uploaded wirelessly to WeldEye ArcVision.



WELDING PROCEDURES

Simplifies and speeds up the management of WPS, WPQR and pWPS documents. It fits any size and type of company with welding operations and supports most common International welding standards. When creating your own welding procedure specification, be sure to also check out the integrated drawing tool for weld joint sketching.



PERSONAL AND QUALIFICATIONS

Provides efficient tools for managing personnel information and qualification certificates. It includes predefined certificate templates that are automatically updated whenever international welding standards change. Prolonging the qualifications is fast and easy, and you will also get expiry notifications by email well in advance.



QUALITY CONTROL

Verifies welding quality compliance with welding procedure specifications. By collecting welding parameters and other identifiers from the workstations, it provides 100% traceability for each weld, workpiece, and project. Any deviation will be reported immediately, which enables real-time quality control and ultimately reduces overhead cost. Various useful functions, such as digital work orders, keep you updated on welding process.



Even a simple solution for monitoring welding productivity can bring significant benefits for most companies and improve workflow planning.

PROMOTECH®

052

PROMOTECH WELDING AUTOMATION

PENDULUM OSCILLATOR

055

PENDULUM WEAVE WELDER



OSC-8

WELDING POSITIONERS

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PRO-WP 150

PRO-WP 300

PROGRAMMABLE WELDING CARRIAGE

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RAIL BULL

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SBM-500

AUTO-FEED DOUBLE-SIDED BEVELLER

064



ABM-50

PORTABLE PIPE BEVELLER

065



PRO-10 PB

PROMOTECH®



BENEFITS OF MECHANIZATION

INCREASES PRODUCTION

- Replaces operator's hands
- Continuous welding

IMPROVES WELD QUALITY

- Regulated precise speed and path control
- Maintains proper torch angle and standoff
- Reduce stop-starts

DECREASES CONSUMABLES EXPENSE

- Eliminates over welding

REDUCES MATERIAL HANDLING

- Portability
- Can work in all positions

REDUCES DISTORTION

- Regulated travel speed creates uniform heat input

IMPROVES WORKER'S ENVIRONMENT

- Removes workers from smoke and heat
- Reduces repetitive stress

REQUIRES LESS OPERATOR SKILL



RAIL BULL WITH OSCILLATION



LIZARD



RAIL TITAN



OSC-8

PENDULUM OSCILLATOR

The OSC 8 pendulum oscillator is designed to oscillate MIG/MAG torches with the diameter of 16–22 mm (5/8–7/8"). The oscillator is installed onto a 22 mm (7/8") diameter rod and connected to a welding device. It can be controlled manually or by using an external START-STOP switch. Using an optional freestanding support allows welding of rotating pipes or moving plates. An optional power supply allows connecting the oscillator to a 230 V or 115V power source. OSC-8 is suitable for MIG/MAG automate processes in heavy fabrication industries such as: pipeline and bridge construction, shipbuilding and tank welding.



OSC-8
PENDULUM WEAVE WELDER

FEATURES

- lightweight and compact design
- two control modes: manual and external start
- four adjustable parameters (oscillation width, oscillation speed, oscillation dwell time on ends)
- simple control panel (four knobs)
- can work as stand-alone device or be a part of more advanced welding system
- optimal solution for various welding applications
- real improvement of the welding process
- uniform and high quality welding
- supply voltage 14-24 V (direct connection to the welding carriage or an external automation system)
- optional power supply 115 VAC or 230 VAC

SPECIFICATIONS

DESCRIPTION	OSC-8
Voltage	14–24 V DC
Power	50 W
Torch type	MIG/MAG
Torch diameter	16–22 mm (5/8–7/8")
Oscillation type	Pendulum

DESCRIPTION	OSC-8
Oscillation width at $r=150$ mm (6")	1–30 mm (1–100%) 1/32–1-3/16" (1–100%)
Oscillation speed at oscillation width of 10 mm (3/8") and zero dwell time on ends	12–115 cycles/min (1–100%)
Oscillation dwell time on ends	0–3 s
Maximum torque	8 N•m (5.7 lb•ft)



PRO-WP 150 & PRO-WP 300

WELDING POSITIONERS



The welding positioners enable round or tubular pieces of metal to be rotated easily, provide better weld seam accessibility, can help produce high quality welds and increase deposition rates.

Frequency inverter ensures continuous speed adjustment and speed stabilization at the set value.

They reduce time and effort for the welders, who can focus on their job with no need to constantly move around their workspace in order to get the best position.

The compact design takes up minimal floor space and tilting up to 90 degrees improves ergonomics of the workspace.

Selection of various auxiliary accessories make it possible to create an advanced modular welding station and customize it depending on required welding or cutting applications to maximize production efficiency.

FEATURES

- Left or right rotation
- Continuous speed adjustment
- Speed stabilization within full speed range from 0,12 rpm up to 2,4 rpm
- Start/Stop (both controller and foot pedal)
- Arc ignition
- Remote control
- Foot pedal for hands-free operation
- Heavy duty construction
- Lots of auxiliary accessories enable building a modular welding station tailored for various welding and cutting applications

SPECIFICATIONS

DESCRIPTION	PRO-WP 150	PRO-WP 300
Voltage	1~ 220-240 V, 50-60 Hz 1~ 100-120 V, 50-60 Hz	1~ 220-240 V, 50-60 Hz 1~ 100-120 V, 50-60 Hz
Power	0,25 kW	0,25 kW
Speed range min/max	0,12 - 2,4 rpm	0,12 - 2,4 rpm
Max load capacity	150 kg (331 lbs)	300 kg (661 lbs)
Mass center offset from the table at a 90° tilt	up to 100 mm	up to 100 mm
Faceplate diameter	450 mm (17.7")	630 mm (24.8")
Hollow-shaft inside diameter	28 mm (1.1")	28 mm (1.1")
Tilting range with continuous angle adjustment	0-90°	0-90°
Tilting	manual	manual
Max. welding current transfer	400 A	400 A
Weight	115 kg (254 lbs)	150 kg (330 lbs)
Product code:	PZY-0681-10-10-00-0	PZY-0682-10-10-00-0



LIZARD

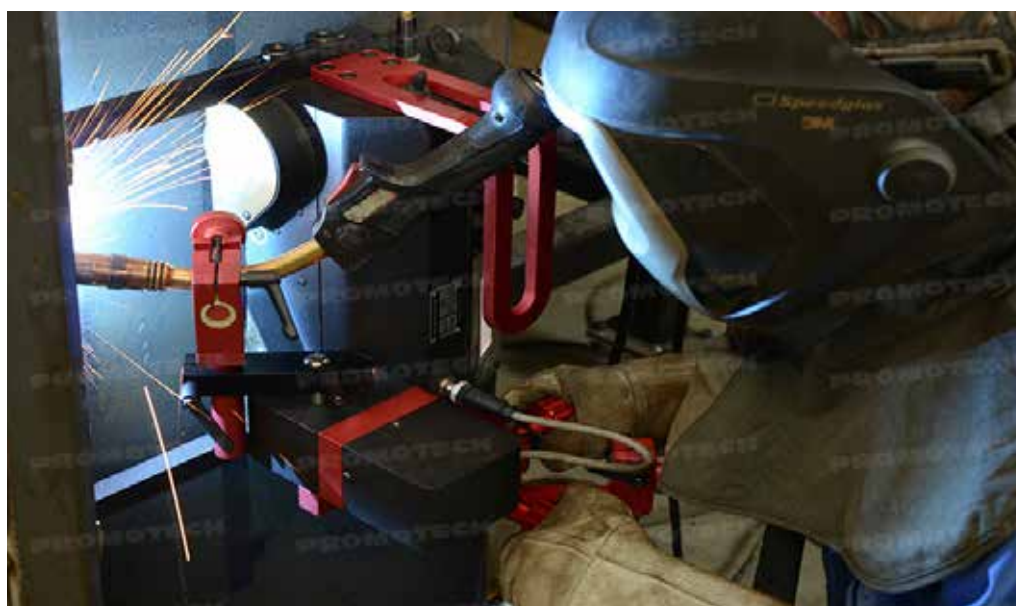
PROGRAMMABLE WELDING CARRIAGE

PRIMARY FEATURES AND BENEFITS

- Compact, lightweight design with durable aluminum cast housing
- Convenient Power Supply 115-230 V 50/60 Hz
- Positive magnetic traction permits out of position use
- Magnet on/off lever permits easy set up and adjustment on work piece
- Maintenance free 4-wheel drive with worm gear reduction
- Heat resistant silicone wheels
- Quick clamping Torch Holder mechanism for different types of MIG/MAG torches with diameters of 16-22 mm (5/8" – 7/8"); optionally up to 35 mm (1-3/8")
- Precise torch adjustment with screw drive cross slide
- Multifunctional LCD display and 2 function buttons for welding pattern programming
- Up to 40 complete programs may be stored in non-volatile memory
- Closed loop speed control system stabilizes travel speed to reduce weld defects and costly repair work
- Consistent heat input reduces distortion
- Reduced wasted filler metal – eliminates over welding
- Automatic arc on/off system initiates welding and travel, simultaneously
- Capable of carrying and controlling 2 torches (without oscillation)
- Self-guiding roller arms eliminate the need for track
- Multi-surface guiding



LIZARD PROGRAMMABLE WELDING CARRIAGE



SPECIFICATIONS

DESCRIPTION	LIZARD
VOLTAGE	1 ~ 115–230 V, 50–60 Hz
POWER	25 W
WELDING POSITION (ACCORDING TO EN ISO 6947 AND AWS/ASME)	PA / 1F / 1G PB / 2F PC / 2G PD / 4F PE / 4G PF / 3F / 3G with optional oscillator PG / 3F / 3G (with optional oscillator)
PROGRAMMABLE VARIABLES	Carriage speed, weld length, skip, crater fill, backweld, total length
WELDING SETTINGS STORAGE	up to 40
MENU LANGUAGE	English, French, German, Polish, Portuguese, Russian, Spanish, Turkish
TORCH DIAMETER	16–22 mm (0.63–0.87"); up to 35mm (1.38") option

DESCRIPTION	LIZARD
MINIMUM RADIUS OF CURVED WORKPIECE SURFACE	1500 mm (5 ft)
MINIMUM WORKPIECE THICKNESS	5 mm (0.2")
GROUND CLEARANCE	5 mm (0.2")
HORIZONTAL PULLING FORCE	220 N
VERTICAL PULLING FORCE	150 N
CROSS SLIDE ADJUSTMENT RANGE	0–35 mm (0–1.38") up-down, left-right
HORIZONTAL SPEED	0–120 cm/min (0–47.2 in/min)
VERTICAL SPEED	0–110 cm/min (0–43.3 in/min)
LIMIT SWITCH	at both sides
WEIGHT	14 kg (31 lbs)
PRODUCT CODE (115–230 V, 50–60 HZ, PLUG EU)	WOZ-0476-10-20-01-0

RAIL BULL TRACK WELDING CARRIAGE WITH OSCILLATOR

The Rail Bull is a track welding carriage designed to produce butt and fillet welds with or without oscillation.

The carriage can work in PA (flat), PB (horizontal vertical), PC (horizontal), PD (overhead horizontal-vertical), PE (overhead), PF (vertical-up) and PG (vertical-down) welding positions.

FEATURES

- Compact, lightweight design with durable aluminum cast housing
- Convenient Power Supply 115–230 V, 50–60 Hz or 42 V, 50–60 Hz
- Quick clamping torch holder mechanism for different types of MIG/MAG torches with diameters of 16–22 mm (0.63–0.87"); up to 35 mm (1.38") option
- Precise torch adjustment with screw drive cross slide
- Ready to work in both vertical and horizontal positions
- Multifunctional LED display (process parameters & warnings)
- Consistent heat input reduces distortion
- Reduce wasted filler metal - eliminates over welding
- Automatic arc on/off initiates welding and travel, simultaneously
- Closed loop position control system based on electrical motor with encoder, ensures increased accuracy of speed and positioning
- Improves working environment - removes operator from heat and fumes
- Linear torch oscillator to produce weave welds
- Menu in English (other languages on request)
- Rack and pinion drive
- Continuous welding
- Rigid rail track system



RAIL BULL
TRACK WELDING CARRIAGE
WITH OSCILLATOR



SPECIFICATIONS

RAIL BULL	
Voltage	1~ 115–230 V, 50–60 Hz 42 V, 50–60 Hz
Power	100 W
	PA / 1F / 1G PB / 2F PC / 2G PD / 4F PE / 4G PF / 3G PG / 3G
Welding position (according to EN ISO 6947 and AWS/ASME)	
Torch diameter	16–22 mm (0.63–0.87"); up to 35mm (1.38") option
Minimum radius of curved workpiece surface	5000 mm (16 ft)
Minimum workpiece thickness	5 mm (0.2")
Horizontal pulling force	350 N

RAIL BULL	
Vertical pulling force	150 N
Cross slide adjustment range	0–35 mm (0–1.38") up-down, left-right
Horizontal speed	0–120 cm/min (0–47.2 in/min)
Vertical speed	0–110 cm/min (0–43.3 in/min)
Weight	20 kg (44 lbs)
Welding settings storage	1 (last used)
Oscillation type	linear (0 - 100 mm)
Oscillation (weaving) pattern	trapezoid, triangle, straight line
Oscillation width	0–50 mm (0–1.9")
Oscillation speed	0–1500 mm/min (0–59 in/min)
Oscillation delay time	0–5 s (at external and central points)
Product Code (115–230 V, 50–60 Hz, plug EU)	WOZ-0482-10-20-01-0
Product Code (115–230 V, 50–60 Hz, plug UK)	WOZ-0482-10-10-01-0
Product Code (42 V, 50–60 Hz)	WOZ-0624-10-04-00-0

RAIL TITAN

MODULAR TIG-MIG-MAG WELDING AND CUTTING RAIL TRACTOR



Rail Titan is fully modular mechanized tractor that can be custom configured for TIG-MIG-MAG welding, oxy-fuel or plasma cutting and gouging applications on flat or curved plate, tube and pipe. Linear torch oscillator produces straight, triangle, trapezoid and square weld paths.

Rail Titan can travel on hi-flex, semi-flexible, rigid or ring tracks that can be clamped to ferrous materials with magnetic units and to non-ferrous materials by means of vacuum track system incl. vacuum pump and vacuum units.

FEATURES

- Suitable for TIG welding (HF resistant)
- Robust design with die-cast aluminum housing
- Ergonomic remote control pendant with simple and easy to find control knobs makes adjustments possible without lifting of the operators welding hood
- Programmable path of stitch welds
- Suitable for variety of circumferential and irregular surface applications down to min. radius of 100 mm (4")
 - Ring tracks on diameters from 200 mm (8") OD up to 3 m (10 ft) OD
 - Hi-Flex tracks on diameters from 1500 mm (59") OD upwards
 - Custom rolled tracks on diameters from 3 m (10 ft) OD up to 10 m (32 ft) OD
 - Semi-flexible tracks can be flexed to minimum radius of 5 m (16 ft) without permanent deformation
- Seam tracking enables active compensation of torch position vertically and horizontally with and without oscillation
- New type of signal sockets/plugs feature increased HF immunity and improved grip for easier tightening & loosening
- Suitable for all welding positions on both ferromagnetic and non-ferromagnetic materials thanks to rack and pinion drive and various tracks equipped with magnetic or vacuum units
- Rail Titan produces consistent high quality welds and cuts in a fraction of the time required by manual operations
- Wide input voltage range: 100-240V, 50-60Hz 1ph (single phase)



RAIL TITAN

MODULAR TIG-MIG-MAG WELDING AND CUTTING RAIL TRACTOR



SPECIFICATIONS

RAIL TITAN TECHNICAL SPECIFICATION				
Voltage		1 ~ 100-240V, 50-60Hz		
Power		60 W		
Welding position (According to EN ISO 6947 and AWS/ASME)	Horizontal	PA/1F/1G		
		PB/2F		
		PC/2G		
		PD/4F		
		PE/4G		
	Vertical	PF/3G	PG/3F (contact your dealer)	
			PG/3G	
Torch type		MIG/MAG, TIG, oxy-fuel, plasma		
MIG/MAG torch diameter		16~22 mm (0.63~0.87")		
Minimum workpiece thickness for magnetic clamping		5 mm (0.2")		
Horizontal pulling force		400 N		
Horizontal speed		0~250 cm/min (0~98 in/min)		
Vertical speed		0~250 cm/min (0~98 in/min)		

RAIL TITAN TECHNICAL SPECIFICATION			
Vertical pulling force			315 N
Oscillation type			Linear
Weld path			Straight, triangle, trapezoid, square
Fixing on pipes and round workpieces	Ring tracks (OD)	200 mm (8") – 3 m (10 ft)	
	Hi-flex tracks (OD)	Minimum 1.5 m (5 ft)	
	Hi-flex tracks (ID)	Minimum 3.4 m (11 ft)	
	Custom rolled tracks (OD)	3–10 m (10–32 ft) (contact your dealer)	
	Semi-flex tracks (OD)	Minimum 10 m (32 ft)	
Oscillation width			0.1–11.8 cm (0.04–4.5")
Oscillation speed			10–200 cm/min (5–78 in/min)
Oscillation dwell time at center and on ends			0–5 s
Maximum oscillator pulling force			100 N
Weight (incl. standard accessories)			13 kg (29 lbs)
Product code			WOZ-0654-10-20-00-0

PRO-110 HP

PORTABLE HYDRAULIC PUNCHERS

PRIMARY FEATURES AND BENEFITS

- Double action - fully automated process of punching and return
- Wide range of hole diameters up to 27mm
- Modern construction
- Intelligent control system with inching and automatic load detection
- Mode indicator light
- Protection against accidental start-up
- Easy to handle in out-of-normal positions
- All connecting ports located at the back
- Wide range of special-shaped punches and dies
- Patent pending compact moveable hydraulic power pack
- Unique Gantry Punching Station increases both productivity and operator's comfort

PRO-110 HP

PORTABLE HYDRAULIC PUNCHERS



Ready to work in both vertical and horizontal positions

punching time	punching power	double action hydraulic movement
8 sec	47 ton	YES
max. thickness	max. throat depth	max. hole
16 mm	110 mm	27 mm
		max. oblong hole
		25 x 18 mm

SPECIFICATIONS

PORTABLE DOUBLE-ACTION HYDRAULIC PUNCHER TECHNICAL SPECIFICATION	
MAX. THROAT DEPTH	110 MM
MAX. HOLE	Ø 27 MM
MAX. OBLONG HOLE	25 X 18 MM
PUNCHING TIME	8 SEC
MAX. PLATE THICKNESS	16 MM
PUNCHING POWER	47 TON
WORKING PRESSURE	700 BAR
WEIGHT	35 KG
PRODUCT CODE	GLW-0507-10-00-00-0

DOUBLE-ACTION HYDRAULIC POWER PACK MODEL HPP 700/1.5	
POWER SUPPLY	230V/50HZ; 115V/60HZ
MOTOR POWER	1500 W
WORKING PRESSURE	700 BAR
PUMP OUTPUT	1.5 L/MIN
OIL CAPACITY	10 L
PRODUCT CODE	ZSL-0517-10-20-00-0 HPP-700/1.5 /220-240V/50HZ

BM-21

BEVELING MACHINE

This new generation portable beveling machine BM-21 is one of the best tools for machining plates and pipes prior to welding. It is a beveller developed on the basis of many years of experience with highly successful predecessor model BM-20, which for many years was on the most favored tool list for many customers worldwide.

FEATURES

- new single milling head equipped with 10 square inserts, that makes machining process far more efficient with little operator's effort
- fast and easy exchange of inserts with no need for special adjustment
- extended working range from 0 to 60 degrees with continuous angle adjustment
- easy setting of bevel angle and bevel width
- vibration insulation protects both the operator and electronics against vibration
- one universal guide plate for beveling both plates and pipes

SPECIFICATIONS

DESCRIPTION	BM-21
Power supply	230VAC/50Hz or 115 VAC/60 Hz
Induction motor	with increased start-up current
Power	1100 W
	BM-21S: 1600 W (for 50 Hz); 1800 W (for 60 Hz)
Spindle speed	2820 rpm
	BM-21S: 1360–1630 rpm (at 230 V) and 1300–1560 rpm (at 115 V)
Tooling	integrated milling head with 10 square TCT inserts
Beveling angle	0-60° with continuous angle adjustment
Max bevel width	21 mm
Weight	20 kg (43 lbs)
	BM-21S: 23 kg (51 lbs)



BM-21
BEVELING MACHINE



ABM-30

AUTO FEED TRACKLESS BEVELLER

The ABM-30 portable beveling machine performs auto feed beveling on steel plates on top, face and bottom edges.

The beveller needs no track to move along steel plate to produce accurate high-quality double-side bevels without thermal distortion or creation of heat affected zone on plate thickness range 8-60 mm.

The ABM-30 features an infinitely adjustable bevel angle between -70 and +70 degrees and is capable of producing bevels up to 30 mm wide.

It also allows for facing in both directions with the milling head depth of 1 mm.

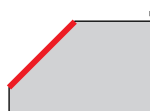


FEATURES

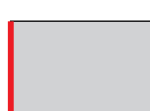
- needs no track to travel in both directions with feed speed up to 2 m/min
- 4 wheels feed drive eliminates hard physical work of the operator
- produces double-side bevels without having to flip the plate enhancing safety and reducing material handling time and expense
- edge to edge working range
- semi-automatic feed stop at end of the metal sheet
- variable spindle speed
- bevel width up to 30 mm (1-3/16")
- variable angle (-70° +70°)
- max. plate thickness up to 60 mm
- innovative, robust chip protection solution

SPECIFICATIONS

DESCRIPTION	ABM-30
Voltage	1 ~ 200-240 V, 50/60 Hz 1 ~ 110-120 V, 50/60 Hz
Power	2200 W
Spindle rotational speed (without load)	1800-5850 rpm
Feed speed	0-2 m/min (0-6.5 ft/min)
Bevel angle (β, Fig. 1)	From -70° to 70°
Maximum bevel width (b, Fig. 1)	30 mm (1.18")
Sheet thickness	8-60 mm (0.3-2.3")
Required ambient temperature	5-40°C
Weight	43 kg (94.8 lbs)



Top beveling



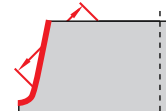
Facing off



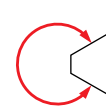
Bottom beveling



Plate thickness
max 60 mm



Bevel width
up to 30 mm



Bevel angle
between -70 and +70°

SBM-500

STATIONARY BEVELING MACHINE

Stationary beveller for machining straight edges of different size workpieces. Modern design, numbers of advanced control systems and innovative solutions streamlines workflow to maximize your production efficiency.



FEATURES & BENEFITS

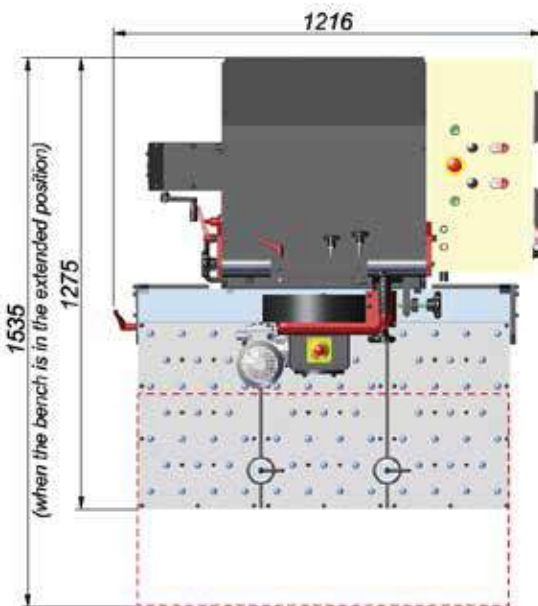
- very high surface quality
- precise setting of bevel angle from 15 up to 60 degrees and bevel width up to 30 mm
- continuous adjustment of spindle speed and feed rate make it suitable for different types of steel and aluminum
- high speed rotary milling head equipped with 10 inserts
- cutting inserts dedicated to various materials
- no heat affected zones or distortion of the workpiece
- easy access to milling head and cutting inserts
- workpiece height up to 100 mm
- powerful 7.500 W motor
- 3D contact wheel control ensures proper workpiece alignment in relation to milling head
- ergonomic ball roller bench
- swarf drawer
- supplementary tables to accommodate long workpieces
- pipe beveling attachment for pipes 50-150 mm (2-6") OD

SPECIFICATIONS

DESCRIPTION	SBM-500
Voltage	3~ 400 VAC + N+PE, 50/60 Hz
Power	7500 W
Spindle speed (no load)	500 - 2920 rpm
Feed rate	up to 3.3 m/min
Feed by contact wheel	YES
Bevel angle range	15 - 60° with continuous angle adjustment
Bevel width	up to 30 mm
Milling head with 10 inserts	YES
Min. dimensions of a bar	50x150x3 mm
Max. workpiece height	up to 100 mm
Weight	850 kg
Product Code:	UKS-0573-10-00-00-0

STANDARD SBM-500 INCLUDES

1. SBM-500
2. Set of Tools
3. Operator's Manual (English)



ABM-50

AUTO-FEED DOUBLE-SIDED BEVELLER

ABM-50 produces accurate high-quality double-sided bevels without thermal distortion or creation of heat affected zone on plate thickness range 8-80 mm (5/16" - 3 1/8") using a purpose designed milling head with eight 4-sided indexable cutting inserts. Continuously adjustable bevel angle between 15 and 60 degrees (for both top and bottom beveling) requires no tooling to change.



ABM-50

AUTO-FEED DOUBLE-SIDED BEVELLER



FEATURES

- auto-feed portable beveling
- real-time measurement and live on-screen display of exact bevel geometry and cutting parameters
- bevel width up to 50 mm (2") at 45 degrees
- 180° inversion allows for creation of a double-sided bevel – no need to rotate or flip heavy material; reduces material handling costs and improves shop safety
- variable spindle speed for work on a variety of steel grades and thicknesses
- versatile and transportable on its own trolley
- equipped with milling head including 8 replaceable inserts
- feedback-controlled overload system

SPECIFICATIONS

DESCRIPTION	ABM-50
Voltage	3~ 400 V + PE, 50/60 Hz 3~ 480 V + PE, 50/60 Hz
Power	6.5 kW
Spindle speed (no load)	300–800 rpm
Feed speed	0–1.2 m/min (47"/min)
Bevel angle (b, Fig. 1)	15–60
Maximum bevel width (b, Fig. 1)	50 mm (2")
Maximum depth of cut (d, Fig. 1) allowed per single pass	6 mm (1/4")
Plate thickness	8–80 mm (5/16"–3 1/8")
Required ambient temperature	0–40 °C (34–104 °F)
Weight	320 kg (700 lbs)
Product Code:	UKS-0627-10-40-00-0



PRO-10 PB

PORTABLE PIPE BEVELLER

PRO-10 PB is a heavy duty pipe Beveller designed for portable use in pipe machining operations. Self-centering expandable mandrels provide quick and proper alignment to a pipe or a tube prior to machining operations.

PRO-10 PB is able to bevel, face off, ID chamfer, counterbore and J-beveling, making all these weld prep operations quick and simple

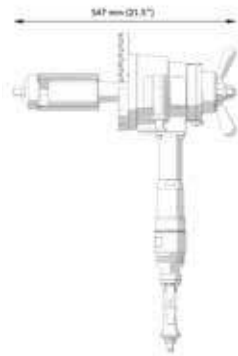
Depending on users preferences and on site conditions PRO-10 PB machine can be operated with a high quality powerful pneumatic motor or top quality high torque electric motor.



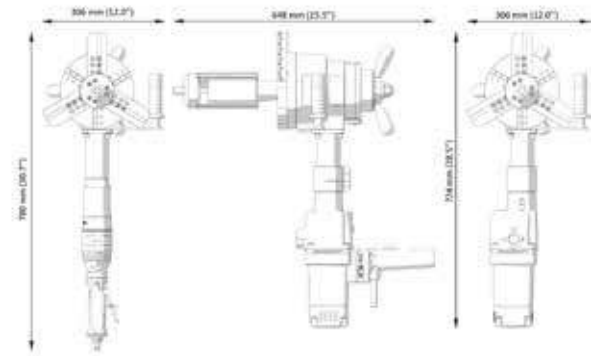
SPECIFICATIONS

DESCRIPTION	PRO-10 PB WITH ELECTRIC MOTOR	PRO-10 PB WITH PNEUMATIC MOTOR
Electric motor	1.8 kW	-
Supply	110-120 V / 50-60 Hz or 220-240 V / 50-60 H	-
Rotational speed (nominal)	gear 1-12 to 29 rpm	-
	gear 2-41 to 96 rpm	-
Pneumatic drive	-	1.8 kW
Air requirement	-	0.6 MPa
Air consumption	-	1750 Nl/min
Rotational speed (without load)	-	17 rpm
Rotational speed (nominal)	-	9 rpm
Min ID	84 mm (3.31"); 38 mm - option	84mm (3.31"); 38mm - option
Max ID	269 mm (10.59"); 349 mm (13.74") - option	269 mm (10.59"); 349 mm (13.74") - option
Max OD	273 mm (10.75"); 355 mm (13.98") - option	273 mm (10.75"); 355 mm (13.98") - option
Max. wall thickness	15 mm (0.59")	15 mm (0.59")
Weight (incl. motor)	35.9 kg (79 lbs)	33 kg (73 lbs)

PRO-10 PB with pneumatic motor



PRO-10 PB with electric motor





066

TANK FARM &
WELDING AUTOMATION

RENTTECH WELDING

EVERYTHING TANK FARM #SORTED



**ELECTRO GAS
WELDING EQUIPMENT**



**GIRTH
WELDERS**



**HYDRAULIC
JACKING SOLUTION**



SATISFY THE NEEDS OF VARIOUS TANK CONFIGURATIONS

The Automatic Girth welder (AGW) is an automatic system that is applied to reduce the welding time for joining tank courses during field erection. It straddles the shell plates riding on adjustable flange wheels and travels at a controllable speed for mechanized SAW. Basic components that make up an AGW are machine frame, welding head, controls, flux support belt, flux recovery system, and welding power supply with storage case.

MECHANISED AUTOMATION EQUIPMENT

WELDING ROTATORS

5-100TON



Adjustable type



Self aligning type



Bolt adjustable type



Lead screw adjustable type

WELDING POSITIONERS

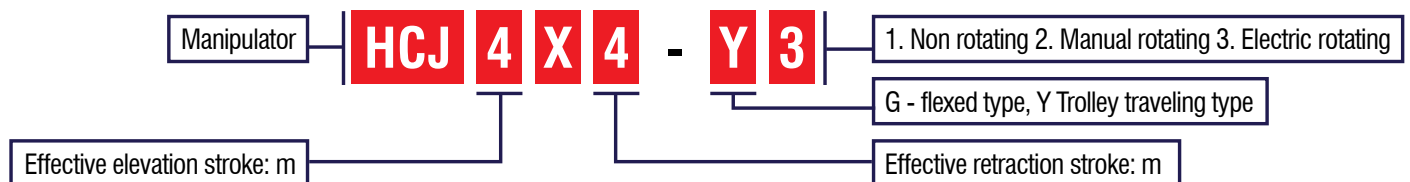
300KG-10TON

SPECIFICATIONS

	HB3-C	HB5-C	HB10-C	HB20-C	HB30-C	HB50-C	HB100-C
MAXIMUM LOAD CAPACITY (T)	0.3	0.5	1	2	3	5	10
ROTATING SPEED (RPM)	0.3-3.2	0.2-1	0.1-1	0.1-1	0.05-0.5	0.05-0.5	0.05-0.5
TILTING SPEED (RPM)	Manual rotation	0.5	0.37	0.37	0.37	0.37	0.37
TABLE DIAMETER (MM)	Φ500	Φ750	Φ1000	Φ1100	Φ1400	Φ1600	Φ2000
MAXIMUM ECCENTRICITY (MM)	150	100	150	150	200	200	200
MAXIMUM DISTANCE OF GRAVITY CENTER (MM)	-	200	250	250	300	300	400
TILTING ANGLE (°)	0-90	0-90	0-120	0-120	0-120	0-120	0-120
ROTATING MOTOR POWER (KW)	0.3	0.37	0.75	1.5	1.5	2.2	3
TILT MOTOR POWER (KW)	-	0.37	0.75	1.5	1.5	3	4
SPEED ADJUSTMENT METHOD	VFD control	VFD control	VFD control	VFD control	VFD control	VFD control	VFD control



WELDING MANIPULATORS (COLUMN AND BOOM)



TECHNICAL SPECIFICATIONS

Column/mm Boom/mm		1500	2000	3000	4000	5000	6000	7000	Rotating Mechanism		
									Manual Type	Electric Type	Walking Trolley
Micro Duty	1500	•	•	-	-	-	-	-	•	•	-
	2000	•	•	•	-	-	-	-	•	•	-
Light Duty	2000	-	•	•	-	-	-	-	•	•	•
	3000	-	-	•	•	-	-	-	•	•	•
	4000	-	-	•	•	•	-	-	•	•	•
Heavy Duty	4000	-	-	•	•	•	•	-	•	•	•
	5000	-	-	-	•	•	•	•	•	•	•
	6000	-	-	-	•	•	•	•	•	•	•
	7000	-	-	-	-	•	•	•	•	•	•
	7000	-	-	-	-	•	•	•	•	•	•

Note

1."•" means with this specification, "-" Indicates without specification
 2. Micro duty type uses V guide rail, boom is gear-rack driving, column is chain wheel and chain driven
 3. Heavy duty type use square guide rail, boom is gear-rack driving, column is chain wheel and chain driven



AUTOMATION ACCESSORIES

WELDING HEAD - SAW



Single wire
and twin wires



Strip cladding



Small-diameter pipes
welding head



Open arc cladding

Cross Carriage - Saw

Name	Model	Horizontal travel distance	Vertical travel distance
Electric cross carriage	0.5	1	2
Manual cross carriage	0.2-1	0.1-1	0.1-1



Flux Recovery System - Saw

This system is specially designed for welding beam. It applies the imported air pump assembly which absorb the welding flux into the inside of the aggregate tube and then placed into the feed mechanism by external gas source (0.4-0.6MPa), by manual or automated control (electrical, relays, solenoid valve control, PLC, TV screen). then it transports the flux directly into small hopper and then puts the flux into the work piece ensuring the welding process which realizes the flux recovery and feeding. The whole process can be set in the operation cabinet or on the hand control box which solve the problem of transportation of flux and narrow the body shape, reduce weight.

Specifications	
Voltage	380
Load capacity (kg)	50
Work pressure	-0.02
Level recovery distance (m)	10-15
Vertical recovery distance (m)	5-7
Absorption capacity (kg/min)	8-15
Motor power (kw)	3
Gas pressure (Mpa)	0.4-0.6
Level transportation distance (m)	8-25
Flux feeding capacity (kg/min)	2-20
Weight (kg/lb)	150/330.9
Dimensions (mm)	1100x500x1400



HS100E2

Welding Oscillator



OTHER EQUIPMENT

Remote Controller

Remote controller

Dimension (mm³)	Weight (kg)	Power supply	Remote control distance	IP class
210x150x132	1.5	Three AA batteries	250m straight distance in open space (customizable)	IP65 (customizable)

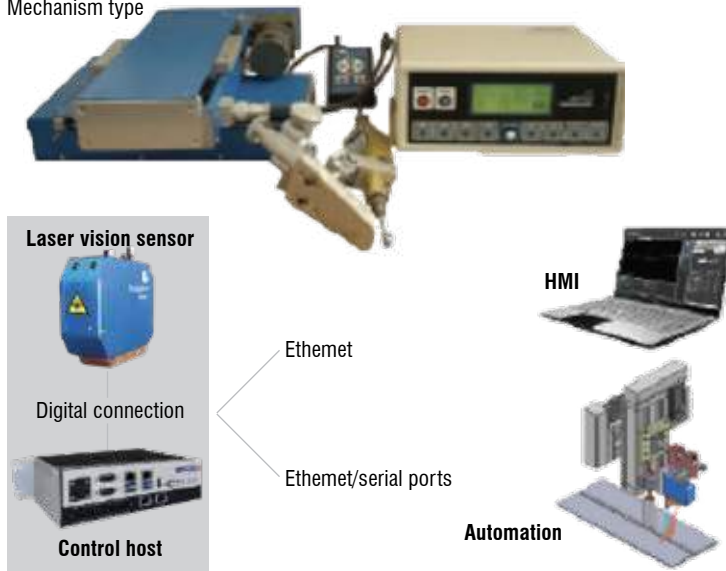
Receiver

Dimension (mm³)	Weight (kg)	Power supply	Frequency	Remote control distance	IP class
155x130x60	0.75	AC/DC5-24V	433MHZ	Relay (220V/10A load capacity)	Customizable



Weld Seam Tracker

Mechanism type



Wired remote
controller

Monitor



POLYSOUDE

THE ART OF WELDING

070

POLYSOUDE

ORBITAL WELDING

072

ASSEMBLY AND ON-SITE MAINTENANCE
FABRICATION IN THE WORKSHOP

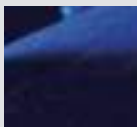
TUBING
MW Closed
Chamber
welding heads



MEDIUM-SIZE PIPING
MU Open
welding heads



HEAVY DUTY PIPING
Polycar Carriage
welding heads



CARRIAGE-TYPE WELDING HEADS FOR ALL APPLICATIONS

Polycar 30

Polycar 60 PLC

Polycar MP



HEAT EXCHANGER APPLICATIONS

Tube-to-tube sheet joints



TS 8/75

MECHANISED AND ROBOTIC WELDING

073

TUBE-WELDER



ELECTROMECHANICAL COMPONENTS



ROTOR WELDING



ROBOTICS



CLADDING SOLUTIONS

075

HORIZONTAL



VERTICAL



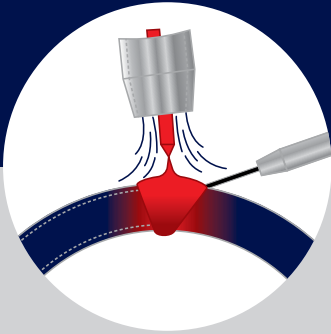
CONTROL AND MONITORING



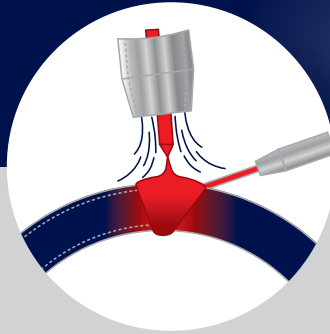
OUR PROFESSION

**THE MASTERING OF ARC WELDING FOR
WELDING AND ORBITAL, MECHANISED AND
ROBOTIC CLADDING SOLUTIONS**

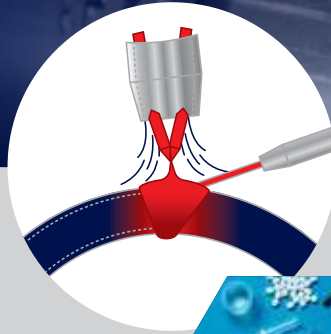
TIG COLD WIRE



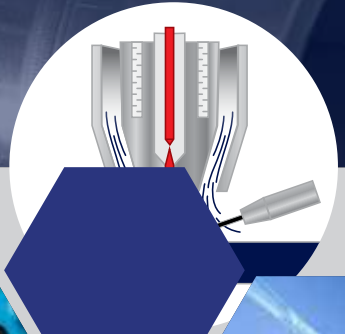
TIG HOT WIRE



TIGER HOT WIRE (HW)



PLASMA



OUR MARKETS

- Food and beverage industry
- Pharmaceutical industry
- Chemical industry
- Semiconductor industry
- Biochemical industry
- Instrumentation industry
- Aeronautics/Aerospace
- Defence industry
- Shipbuilding industry
- Boilers and Heat Exchangers
- Power generation industry



SOLUTIONS AND SERVICES OFFERED BY POLYSOUDE

- Orbital welding
- Mechanised and Robotic welding
- Cladding solutions
- Related services



MECHANISED AND ROBOTIC WELDING

ORBITAL WELDING

ASSEMBLY AND ON-SITE MAINTENANCE



FABRICATION IN THE WORKSHOP

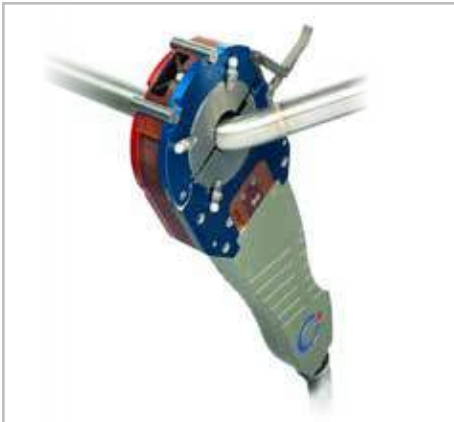


ORBITAL POWERSOURCES



TUBING

MW Closed Chamber welding heads



MEDIUM-SIZE PIPING

MU Open welding heads



HEAVY DUTY PIPING

Polycar Carriage welding heads



CARRIAGE-TYPE WELDING HEADS FOR ALL APPLICATIONS

Polycar 30



Polycar 60 PLC



Polycar MP



HEAT EXCHANGER APPLICATIONS

Tube-to-tube sheet joints



TS 8/75

MECHANISED AND ROBOTIC WELDING

POW – ONLINE/OFFLINE

Programming under Windows® environment



TUBE-WELDER



ELECTROMECHANICAL COMPONENTS



ROTOR WELDING

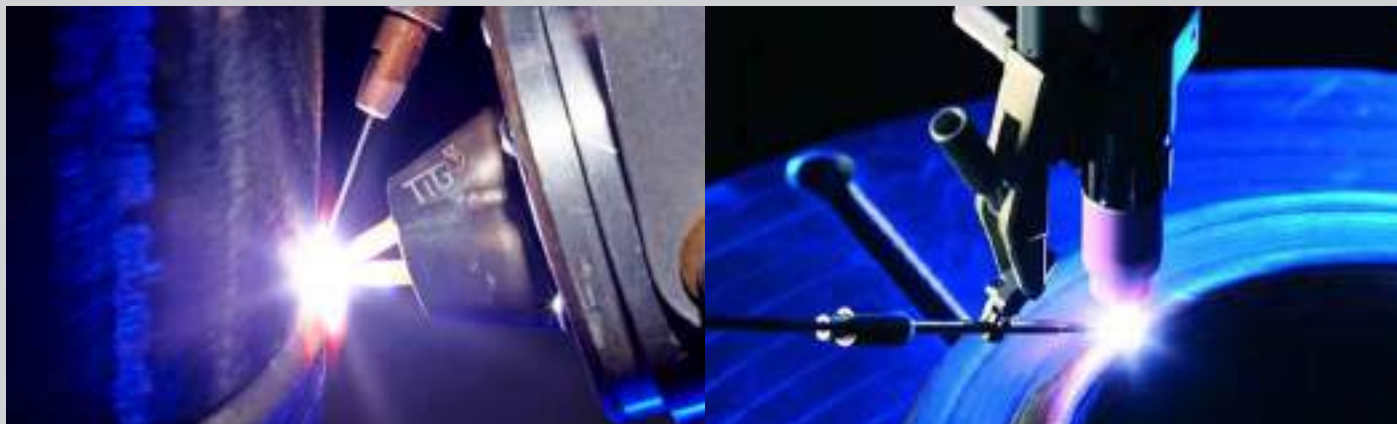


ROBOTICS



CLADDING SOLUTIONS

VERTICAL AND HORIZONTAL CLADDING RIGS



HORIZONTAL



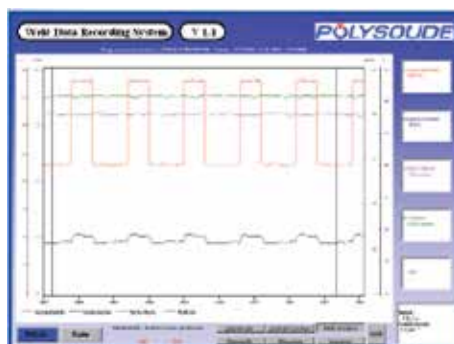
VERTICAL



CONTROL AND MONITORING



Control unit and monitoring



Data acquisition and monitoring of operating parameters



077

K-TIG

Your Key to Quality Welding



The world's most productive GTAW system

K-TIG Technology – Key Features

Simple, intuitive controls delivered via the K-TIG 1000 Evolve II 21" touch screen controller.

100% duty cycle for extreme reliability.

Cloud-enabled software upgrades, data backups and online support.

Built-in real-time data capture, reporting and quality management.

Flexible, suitable for a wide variety of materials, applications & industries.

Integrates seamlessly with virtually all welding automation equipment.



www.k-tig.com



What is K-TIG?

Creates a high-energy-density GTAW arc

1

Opens & manages a full penetration 'keyhole' through the joint

2

3

Fuses the parent material (with or without wire)



Simple.

No edge bevelling. No gap setting. No backing bar.
Standard welding gas. Minimal cleaning.
Negligible wire, gas & power consumption.



www.k-tig.com



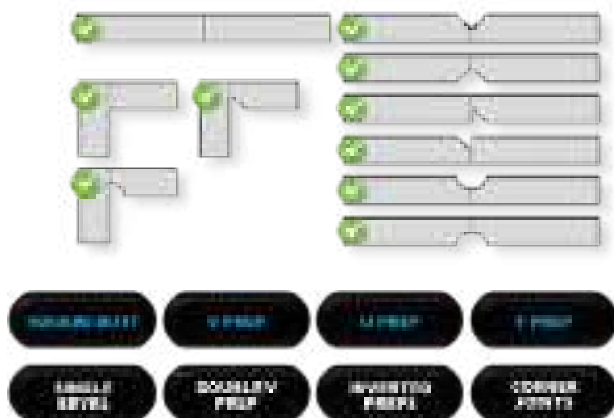
Your Key to Quality Welding

Full penetration butt weld in minutes

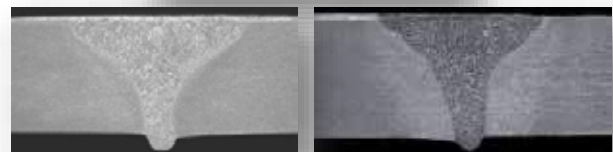
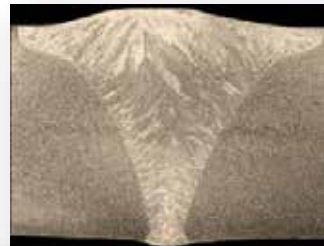
K-TIG welding can be applied to a wide range of longitudinal and circumferential applications from tanks, vessels and piping to boxes and complex geometries.

K-TIG is highly effective with both square butt and beveled joint presentations, can be welded autogenously and with wire, and can be used in both 1G and 2G welding positions.

Versatile & flexible. Suitable for a wide range of applications & joint preparations.



304 Stainless Steel



Duplex

Super Duplex

K-TIG Productivity benefits

- Extraordinary speed and productivity.
- Multi-hour TIG welds completed in minutes.
- Full penetration, single-pass GTAW welding up to 1/2 inch (12mm) in stainless steels
- Drastically reduced wire consumption
- Gas consumption reduced by 80-95%.
- Typical arc on savings of 85%+.
- Eliminates edge bevelling & post-weld grinding.
- Extremely high stability, consistency and repeatability.



www.k-tig.com





081

WELDING CONSUMABLES

WELDING CONSUMABLES

THE PROFESSIONALS CHOICE

UNIarc MIG is a part of the Uniarc range of consumables that provides excellent weldability and consistent quality weld after weld, box after box. Available for mild steel and different grades of stainless steels this is fast becoming the welding consumable of choice for the professional. Whether it's for DIY or for turnkey welding projects trust Uniarc to deliver.



MIG, MILD STEEL GMAW

ER70S-6

AVAILABLE IN: 5KG / 15KG / 250KG

ER100S-G

AVAILABLE IN: 15KG



UNIARC™

MILD STEEL SMAW

E6013
E7018-1
E7024



CHROMOX

STAINLESS STEEL SMAW

E308L
E309L
E316L
E312



CHROMIG

STAINLESS STEEL GMAW

ER307Si
ER308LSi
ER309LSi
ER310L
ER316LSi
ER2209



CHROME ROD

STAINLESS STEEL GTAW

ER308LSi
ER309LSi
ER316LSi
ER2209





RENTTECH

WELDING

CONTACT US

FOR A WIDE RANGE OF WELDING CONSUMABLES
FROM THESE PREMIUM WELDING BRANDS.



Gedik Welding



**084**

PREMIUM WELDING HELMETS



TECMEN

HOW TO CHOOSE A HIGH-QUALITY WELDING HELMET?

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POWERED AIR PURIFYING RESPIRATORS

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FREFLOWV3

POWERED AIR PURIFYING
RESPIRATOR

PAGE 088



FREFLOWV1

POWERED AIR PURIFYING
RESPIRATOR

PAGE 089



AUTO DARKENING WELDING HELMET

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TM1000

AUTO DARKENING
WELDING HELMET

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ADF815SIMUX

AUTO DARKENING
WELDING HELMET

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ADF725S

AUTO DARKENING
WELDING HELMET

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G-SERIES FACE SHIELDS

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G-SERIES

PREMIUM FACE SHIELDS WITH BUILT IN
BUMP CAP (G10) OR HARD HAT (G20)

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G10



G20



G-SERIES

PREMIUM RESPIRATOR
FACE SHIELD WITH BUILT
IN HARD HAT

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FACE SHIELDS

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TM-S1

FACE SHIELD

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TM-S4

FACE SHIELD FOR
GRINDING AND PLASMA
CUTTING

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ACCESSORIES

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TECMEN HEAD AND NECK PROTECTION

PAGE 090



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AUTO DARKENING WELDING HELMET

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WC715

WELDCREW AUTO
DARKENING
HELMET

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UNIARC



WELDING JACKET

098

UNIARC PRO

PAGE 090

UNIARC





AUTO-DARKENING WELDING HELMET

HOW TO CHOOSE A HIGH-QUALITY WELDING HELMET?

Purchasing the right helmet is an investment in both safety and weld quality. Due to the intensity of the welding arc you have to ensure your helmet offers the correct protection for what you are welding. TECMEN® helmets use cutting edge liquid crystal technology, microelectronics and optoelectronics as well as the latest solar energy and optical lenses ensuring you get the best protection and clarity for the task at hand. Lightweight, robust and affordable, the TECMEN® range offers all the protection and durability you expect from a premium helmet as well as leading optical performance and comfort. Ergonomically designed headgear ensures the welder is comfortable with precise adjustments to get the perfect fit. For those using reading glasses a full range of dioptre lenses with varying magnification can be fitted inside the helmet. "The better a welder can see the better he can weld"

Welding helmets are rated according to European standards that govern eye and face protection for welders. Prefixed by EN (European Norm), these standards include EN 166 (visors), EN 169 (shade/transmittance of filter in scale numbers), EN 175 (welding shields), and EN 379 (auto-darkening welding cartridges).

The latter two standards incorporate important ratings for optical clarity. These ratings are determined through tests that measure light transmission across the welding cartridge, as well as scattered light from the cartridge's layers.

Autodarkening cartridges undergo evaluation in four important categories, all referring to optical clarity. Each category is graded on a scale of 1 to 3, with a score of 1 being the best (perfect) and a score of 3 being the worst. Increasingly, helmet manufacturers are developing products that pass all tests with the highest scores, yielding a 1/1/1/1 rating, the best available.

WHAT DOES 1 / 1 / 1 / 1 MEAN?

The main parameters of welding filters: optical class, light diffusion, light homogeneity and angle dependence. The parameters in each position can be any value from 1 (the highest) to 3 (the lowest) and determine the characteristics of the filter.

1 / X / X / X
Optical class
 Optical class indicates optical quality of the ocular.

X / 1 / X / X
Light diffusion
 Light diffusion class (adjustable filters only) 1, 2 or 3 indicates the light diffusion class of the filter lens.

X / X / 1 / X
Light homogeneity
 Variations in luminous transmittance class 1, 2 or 3 indicates shade variability in the dark state of the filter.

X / X / X / 1
Angle dependence
 Angle dependence of luminous transmittance class 1, 2 or 3 indicates that the shade remains consistent when looking at an angle.

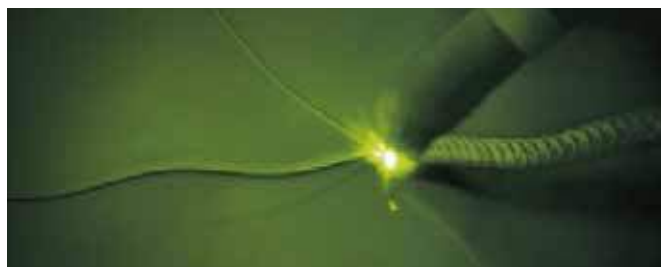
OPTICAL PERFORMANCE DEMONSTRATION

Each optical parameter is rated based on performance against criteria set out by the various rating agencies. Class 1 is the highest level of quality and Class 3 is the lowest and also the minimum requirement to be met to be considered for approval.

3 / X / X / X

OPTICAL CLASS

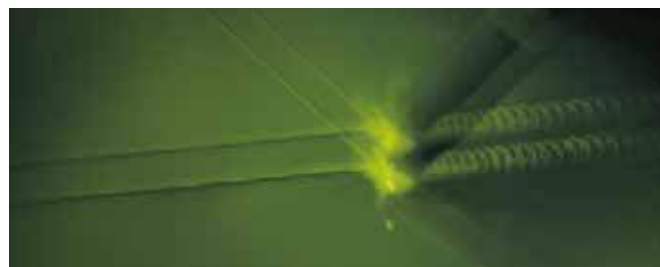
Bad optical class quality will cause visual distortion.



X / 3 / X / X

LIGHT DIFFUSION

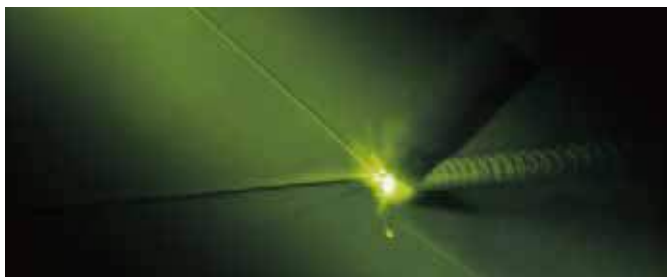
Bad diffusion will cause double vision and headaches.



X / X / 3 / X

LIGHT HOMOGENEITY

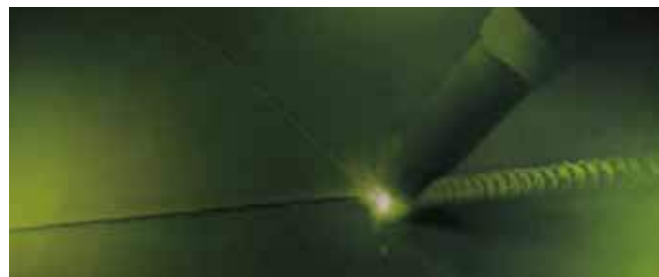
Bad light homogeneity will cause areas of the lens to be too bright or too dark resulting in variable shades across the lens and not a fixed shade that you have set on your helmet.



X / X / X / 3

ANGLE DEPENDENCE

Bad angle will cause variable shades depending on viewing angle.



FACTORS TO CONSIDER WHEN CHOOSING A HELMET

Lense Technology



TECMEN PROVIDES ONLY CERTIFIED WELDING HELMETS

As a world famous factory, TECMEN® has been the largest and fastest growing manufacturer and the main supplier of first-class welding helmets at affordable prices. TECMEN® helmets carry the following certification:



FREFLOWV3

POWERED AIR PURIFYING RESPIRATOR

Product Code: 00041157



FLIP-UP DESIGN

Easy lift up for grinding function, suiting welding / cutting / grinding mode.

LARGE VIEW FOR GRINDING

20 x 12 cm area, large and curved transparent grinding anti-fog lens.

AUTO-ALARM SYSTEM

Flashing indicator, bleeping sound, together with vibrating blower to ensure safety.

REAL-TIME DISPLAY INDICATOR

Filter status/ airflow rate/ battery capacity indicator, real-time monitoring and displaying.

RESPIRATORY PROTECTION

Filter efficiency $\geq 99.97\%$, preventing inhalation of dust, pollutants, fine particles as well as other contaminants.

RECHARGEABLE LI-ION BATTERY

Rechargeable battery for longer lifetime. Fast-charging option makes charging only 1 hour.

INTELLIGENT AIR SUPPLY

Respirator will self-adjust the flow rate according to the blockage of the filter automatically.



SPECIFICATION

ADF SPECIFICATIONS	
Optical Class	1 / 1 / 1 / 1
Viewing Area	107 x 75 mm (4.21" x 2.95")
Cartridge Size	156 x 123 x 33 mm (6.14" x 4.84" x 1.30")
Arc Sensor	4
Light State	DIN 4
Grind State	DIN 4
Cutting Shade	Shade No. from 5 to 8
Welding Shade	Shade No. from 9 to 13
Shade Control	Internal, Digital Display Control
Power On / Off	Automatic On / Off
Sensitivity Control	Low ~ High, Digital Display Control
UV / IR Protection	Up to Shade DIN16 at all times
Power Supply	Solar cell. Battery replaceable, 2 x CR2450 lithium battery
Switching Time	1/25,000 s. from Light to Dark
Grinding	Yes
Delay (Dark to Light)	0.1 ~ 1.0 s by infinitely dial knob
Low Amperage TIG Rated	≥ 2 amps (DC); ≥ 2 amps (AC)
Operating Temp.	-10 °C ~ +55 °C (14 °F ~ 131 °F)
Storing Temp.	-20 °C ~ +70 °C (-4 °F ~ 158 °F)
Helmet Material	High Impact Resistance Nylon

Approved



RESPIRATOR SPECIFICATIONS	
Airflow Rate	Low speed: 170+lpn (6+cfm) High speed: 210+lpn (7.4+cfm)
Battery Type	Rechargeable Li-ion Battery
Battery Duration	9 hours (Standard battery, 170+lpn) 5 - 6 hours (Standard battery, 21 O+lpn) 15 hours (Extended battery, 170+lpn) 9 hours (Extended battery, 21 O+lpn)
Battery Charge Time	Battery Charge Time
Battery Life	≥ 500 charges
Filter Efficiency	$\geq 99.97\%$
Alarms	Visible, Audible and Vibrate
Operating Temp.	-5 °C ~ +55 °C (23 °F ~ 131 °F)
Storing Temp.	-10 °C ~ +55 °C (14 °F ~ 131 °F)
Operating Relative Humidity	< 90%
Storage Relative Humidity	< 85%
Weight (Blower Unit+ Battery)	1020 g

EN 12941 TH3 PR SL NIOSH 42 CFR Part 84 AS/NZS 1716

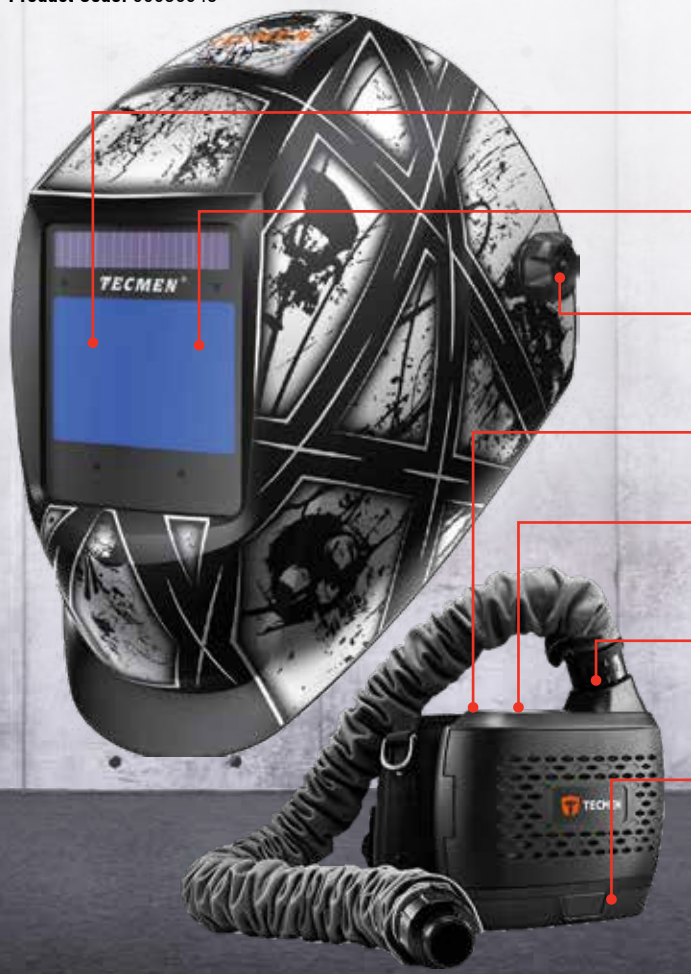
Respirator Approval



FREFLOWV1

POWERED AIR PURIFYING RESPIRATOR

Product Code: 00036948



MAGNIFIER LENS

Help welder see more clear when needed, without using glasses.


ML TM 100 (125/150/
175/200/225/250/275)

EYE / FACIAL PROTECTION

Protect welders from arc radiation and spatter.

MULTIPLE WORKING MODES

Suitable for welding/cutting/ grinding.

RESPIRATORY PROTECTION

Filter efficiency $\geq 99.97\%$, preventing inhalation of dust, pollutants, fine particles and other contaminants.

AUTO-ALARM SYSTEM

Flashing indicator, bleeping sound, together with vibrating blower to ensure safety.

REAL-TIME DISPLAY INDICATOR

Filter status/airflow rate/battery capacity indicator, real-time monitoring and display.

INTELLIGENT AIR SUPPLY

Respirator will self-adjust the flow rate according to the blockage of the filter automatically.

RECHARGEABLE LI-ION BATTERY

Rechargeable battery for longer lifetime. Fast-charging option makes changing only 1 hour.



SPECIFICATION

RESPIRATOR SPECIFICATIONS	
Airflow Rate	Low speed: 170+lpm (6+cfm) High speed: 210+lpm (7.4+cfm)
Battery Type	Rechargeable Li-ion Battery
Battery Duration	9 hours (Standard battery, 170+lpm) 5 - 6 hours (Standard battery, 210+lpm) 15 hours (Extended battery, 170+lpm) 9 hours (Extended battery, 210+lpm)
Battery Charge Time	1 hours (Standard battery) 2 hours (Extended battery)
Battery Life	≥ 500 charges
Filter Efficiency	$\geq 99.97\%$
Alarms	Visible, Audible and Vibrate
Operating Temp.	-5 °C ~ +55 °C (23 °F ~ 131 °F)
Storing Temp.	-10 °C ~ +55 °C (14 °F ~ 131 °F)
Operating Relative Humidity	<90%
Storage Relative Humidity	<85%
Weight (Blower Unit+ Battery)	1020 g
Respirator Approval	EN 12941 TH2 P R SL NIOSH 42 CFR Part 84 AS/NZS 1716



ADF SPECIFICATIONS	
Optical Class	1 / 1 / 1 / 1
Viewing Area	97 x 62 mm (3.82" x 2.44")
Cartridge Size	133 x 114 x 9 mm (5.25" x 4.50" x 0.35")
Arc Sensor	4
Light State	DIN 3.5
Dark State	Variable Shade 5 ~ 8 / 9 ~ 13
Shade Control	Internal, Variable Shade
Power On / Off	Automatic On / Off
Sensitivity Control	Low ~ High, by infinitely dial knob
UV / IR Protection	Up to Shade DIN16 at all times
Power Supply	Solar cell. Battery replaceable, 2 x CR2450 lithium battery
Switching Time	1/25,000 s. from Light to Dark
Delay (Dark to Light)	0.1 ~ 1.0 s by infinitely dial knob
Low Amperage TIG Rated	≥ 2 amps (DC); ≥ 2 amps (AC)
Grinding	Yes
Low Battery Indicator	Yes
Battery Capacity Test	Yes
Operating Temp.	-10 °C ~ +55 °C (14 °F ~ 131 °F)
Storing Temp.	-20 °C ~ +70 °C (-4 °F ~ 158 °F)
Helmet Material	High Impact Resistance Nylon
ADF Approved	



TM1000

AUTO DARKENING WELDING HELMET

Product Code: 00040961



FLIP-UP DESIGN

Easy lift up for grinding function, suiting welding / cutting / grinding mode.

LARGE VIEW FOR GRINDING

20 x 12 cm area, large and curved transparent grinding anti-fog lens.

SUPERIOR LENS -TECHNOLOGY

Highest optical class 1 / 1 / 1 / 1, offering best vision experience and welding efficiency.

SAVE-POWER FUNCTION

Solar cell combined with replaceable battery, greatly increase service life.

HIGH IMPACT RESISTANCE

High tenacity shell material, passing EN175 B and ANSI Z87 + impact test under highest level.

PIVOT HEADGEAR

Adjustable pivot design, well-balanced design, maximum comfort level, lock function in upright state.

SIDE WINDOW

Shade 5 lens on both sides, enhance surrounding vision, safer and securer.



SPECIFICATION

ADF SPECIFICATIONS	
OPTICAL CLASS	1 / 1 / 1 / 1
VIEWING AREA	107 X 75 MM (4.21" X 2.95")
CARTRIDGE SIZE	156 X 123 X 33 MM (6.14" X 4.84" X 1.30")
ARC SENSOR	4
LIGHT STATE	DIN 4
GRIND STATE	DIN 4
CUTTING SHADE	SHADE NO. FROM 5 TO 8
WELDING SHADE	SHADE NO. FROM 9 TO 13
SHADE CONTROL	INTERNAL, DIGITAL DISPLAY CONTROL
POWER ON / OFF	AUTOMATIC ON / OFF
SENSITIVITY CONTROL	LOW ~ HIGH, DIGITAL DISPLAY CONTROL
UV / IR PROTECTION	UP TO SHADE DIN16 AT ALL TIMES
POWER SUPPLY	SOLAR CELL. BATTERY REPLACEABLE, 2 X CR2450 LITHIUM BATTERY

ADF SPECIFICATIONS	
SWITCHING TIME	1/25,000 S. FROM LIGHT TO DARK
GRINDING	YES
DELAY (DARK TO LIGHT)	0.1 ~ 1.0 S BY INFINITELY DIAL KNOB
LOW AMPERAGE TIG RATED	≥ 2 AMPS (DC); ≥ 2 AMPS (AC)
OPERATING TEMP.	-10 °C ~ +55 °C (14 °F ~ 131 °F)
STORING TEMP.	-20 °C ~ +70 °C (-4 °F ~ 158 °F)
HELMET MATERIAL	HIGH IMPACT RESISTANCE NYLON
APPLICATION RANGE	STICK WELDING (SMAW); TIG DC&AC; TIG PULSE DC; TIG PULSE AC; MIG/MAG/CO2; MIG/MAG PULSE; PLASMA ARC CUTTING (PAC); PLASMA ARC WELDING (PAW); AIR CARBON ARC CUTTING (CAC-A); OXYFUEL GAS WELDING (OFW); OXYGEN CUTTING (QC); GRINDING

APPROVED



ADF815SIMUX

AUTO DARKENING WELDING HELMET

Product Code: 00036944 (B) & 00036945 (w)



HGTM0200



00036944 (B)



00036945 (w)



Impact Resistance



DIN 2.5



Large View



UV/IR Protection



Solar Cell



Anti-fatigue



Fast Switching Speed



Variable Shade

- Shade 5-8 / 9-13 Switch
- Grind / Sensitivity / Delay Time / Shade Control
- Battery Capacity Test / Low Battery Indicator
- Battery Replaceable



MAGNIFIER LENS

Help welder see more clear when needed, without using glasses.



ML TM 100 (125/150/
175/200/225/250/275)

SUPERIOR LENS TECHNOLOGY

Highest optical class 1 / 1 / 1 / 1, offering best vision experience and welding efficiency.

LARGE VIEWING AREA

97 x 62 mm large viewing area widen your visual field.

LOW AMPERAGE TIG

Flashing indicator, bleeping sound, Excellent performance in low amperage TIG welding. Low amperage TIG rated ≥ 2 amps DC (AC).

HIGH-SENSITIVE ARC SENSOR

Not affected by natural / surrounding light, stable outdoor performance.

HIGH IMPACT RESISTANCE

High tenacity shell material, passing EN175 B and ANSI Z87+ impact test under highest level.

SAVE-POWER FUNCTION

Solar cell combined with replaceable battery, greatly improve the service life.

ADJUSTABLE HEADGEAR

Well balanced design, maximum comfort level, eliminating over tightening and discomfort.



SPECIFICATION

ADF SPECIFICATIONS	
OPTICAL CLASS	1 / 1 / 1 / 1
VIEWING AREA	97 x 62 mm (3.82" x 2.44")
CARTRIDGE SIZE	133 x 114 x 9 mm (5.25" x 4.50" x 0.35")
ARC SENSOR	4
LIGHT STATE	DIN 3.5
DARK STATE	Variable Shade 5 ~ 8 / 9 ~ 13
SHADE CONTROL	Internal, Variable Shade
POWER ON / OFF	Automatic On / Off
SENSITIVITY CONTROL	Low ~ High, by infinitely dial knob
UV / IR PROTECTION	Up to Shade DIN16 at all times
POWER SUPPLY	Solar cell. Battery replaceable, 2 x CR2450 lithium battery
SWITCHING TIME	1/25,000 s. from Light to Dark
DELAY (DARK TO LIGHT)	0.1 ~ 1.0 s by infinitely dial knob
LOW AMPERAGE TIG RATED	≥ 2 amps (DC); ≥ 2 amps (AC)
GRINDING	Yes
LOW BATTERY INDICATOR	Yes
BATTERY CAPACITY TEST	Yes
OPERATING TEMP.	-10 °C ~ +55 °C (14 °F ~ 131 °F)
STORING TEMP.	-20 °C ~ +70 °C (-4 °F ~ 158 °F)
HELMET MATERIAL	High Impact Resistance Nylon
Stick Welding (SMAW); TIG DC&AC; TIG Pulse DC; TIG Pulse AC; MIG/MAG/CO ₂ ; MIG/MAG Pulse; Plasma Arc Cutting (PAC); Plasma Arc Welding (PAW); Air Carbon Arc Cutting (CAC-A); Oxyfuel Gas Welding (OFW); Oxygen Cutting (OC); Grinding	

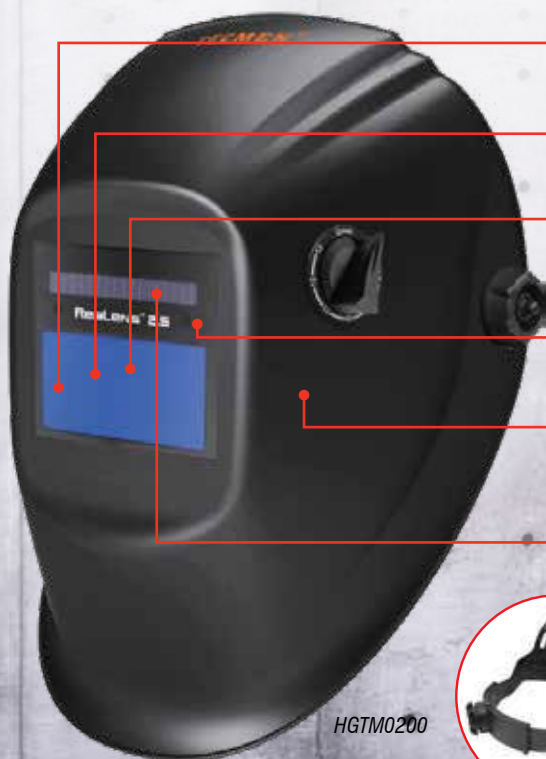
ADF APPROVED



ADF725S

AUTO DARKENING WELDING HELMET

Product Code: 00036946 (B) & 00036947 (R)



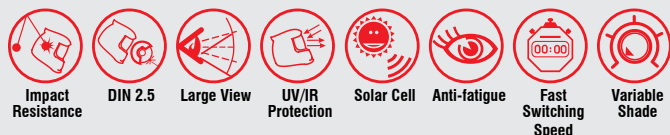
HGTM0200



00036946 (B)



00036947 (R)



- External Grind / Shade Control
- Sensitivity / Delay Time Control
- Battery Capacity Test / Low Battery Indicator
- Battery Replaceable



MAGNIFIER LENS

Help welder see more clear when needed, without using glasses.



ML TM 100 (125/150/
175/200/225/250/275)

SUPERIOR LENS TECHNOLOGY

ReaLens™ 2.5 offers best color restoration and ultimate high-definition view.

CONSTANT PROTECTION

Protection against UV/IR and blue light in both light and dark state.

INFINITE SHADE ADJUSTMENT

Light shade 2.5, dark shade 7-13 to meet all sorts of complicated welding applications.

HIGH-SENSITIVE ARC SENSOR

Not affected by natural / surrounding light, stable outdoor performance.

HIGH IMPACT RESISTANCE

High tenacity shell material, passing EN175 B and ANSI Z87 + impact test under highest level.

SAVE-POWER FUNCTION

Solar cell combined with replaceable battery, greatly improve the service life.

ADJUSTABLE HEADGEAR

Well balanced design, maximum comfort level, eliminating over tightening and discomfort.



SPECIFICATION

ADF SPECIFICATIONS	
OPTICAL CLASS	1 / 1 / 1 / 2
VIEWING AREA	98 x 44 mm (3.86" x 1.73")
CARTRIDGE SIZE	110 x 90 x 9 mm (4.33" x 3.54" x 0.35")
ARC SENSOR	2
LIGHT STATE	DIN 2.5
DARK STATE	Variable Shade 7 ~ 13
SHADE CONTROL	External, Variable Shade; Automatic On / Off
POWER ON / OFF	Low ~ High, by infinitely dial knob
SENSITIVITY CONTROL	Up to Shade DIN16 at all times
UV / IR PROTECTION	Solar cell. Battery replaceable, 2 × AAA Alkaline battery
POWER SUPPLY	1/25,000 s. from Light to Dark
SWITCHING TIME	0.1 ~ 1.0 s by infinitely dial knob
DELAY (DARK TO LIGHT)	≥ 5 amps (DC); ≥ 5 amps (AC)
LOW AMPERAGE TIG RATED	Yes
GRINDING	Yes
LOW BATTERY INDICATOR	Yes
BATTERY CAPACITY TEST	-10 °C ~ +55 °C (14 °F ~ 131 °F)
OPERATING TEMP.	-20 °C ~ +70 °C (-4 °F ~ 158 °F)
STORING TEMP.	-20 °C ~ +70 °C (-4 °F ~ 158 °F)
HELMET MATERIAL	High Impact Resistance Nylon
APPLICATION RANGE	Stick Welding (SMAW); TIG DC&AC; TIG Pulse DC; TIG Pulse AC; MIG/MAG; CO2; MIG/MAG Pulse; Plasma Arc Cutting (PAC); Plasma Arc Welding (PAW); Air Carbon Arc Cutting (CAC-A); Grinding

APPROVED

ANSI
Z87.1

G-SERIES

PREMIUM FACE SHIELDS WITH BUILT IN BUMP CAP (G10) OR HARD HAT (G20)

Product Code: G10 - 00043874 / G20 - 00043875

Meet the new standard in quality face shields designed for industrial environments. the G series is designed to provide long lasting protection against impacts and grinding whilst providing extra clear sight and superb user comfort with adjustable headgear Available in both a bumpcap or a full hardhat configuration for various site conditions.



G10

APPLICATIONS

Metallurgy/Grinding
Chemical Industry
Medicine
Laboratory/Research Institute
Nuclear Power
Public Health
Rail Transit
Automotive Manufacturing
Shipbuilding
Hazardous chemical Production

SCREEN PROTECTIVE FILM

Optional disposable high-definition screen protective film to reduce cost of frequent lens replacement.

BUMP CAP/HARD HAT

Bump cap and hard hat can be selected to achieve comprehensive safety protection.



G10

G20

Specifications - Face Shield		G10	G20
Model		G10-V	G20-V
Weight		660g	792g
Head protection level		EN812:2012	EN397:2012
Suitable working environment	General bump cap head protection requirement		Hard hat standard head protection requirement
Eye and face standard		EN166:2001	EN166:2001

ADVANTAGES

Comfortable Adjustable Headgear

Top of headgear is adjustable in 6 gears and the rear is infinitely adjustable to meet the needs of different head circumferences.

Impact-resistant Face Shield

Passed EN166 BT test, super large hard full-view face shield has good impact resistance, no distortion of sight, high light transmittance, and good wear resistance.

Comprehensive High-level Protection

The product has excellent compatibility, can block particle splash/impact, respiratory pollutants, harmful noise, no need for adaptability inspection, convenient and comfortable, suitable for long-time operation and wear.



Integrated Protection



Extra clear view



Impact Resistance



Adjustable Headgear



Wide Application



Grind

G-SERIES

PREMIUM RESPIRATOR FACE SHIELD WITH BUILT IN HARD HAT

Product Code: 00043876

TECMEN powered air purifying face shield has a compact shape and a balanced center of gravity. Used with FreFlow V1 respiratory system, the overall filtration efficiency is as high as 99.97%, it is convenient, comfortable and easy to adjust, providing users with comprehensive protection for respiratory, eye, face and head.

G20



ADVANTAGES

Comfortable Adjustable Headgear

Top of headgear is adjustable in 6 gears and the rear is infinitely adjustable to meet the needs of different head circumferences.

Impact-resistant Face Shield

Passed EN166 BT test, super large hard full-view face shield has good impact resistance, no distortion of sight, high light transmittance, and good wear resistance.

Comprehensive High-level Protection

The product has excellent compatibility, can block particle splash/impact, respiratory pollutants, harmful noise, no need for adaptability inspection, convenient and comfortable, suitable for long-time operation and wear.



APPLICATIONS

Metallurgy/Grinding
Chemical Industry
Medicine
Laboratory/Research Institute
Nuclear Power
Public Health
Rail Transit
Automotive Manufacturing
Shipbuilding
Hazardous chemical Production

SCREEN PROTECTIVE FILM

Optional disposable high-definition screen protective film to reduce cost of frequent lens replacement.

BUMP CAP/HARD HAT

Bump cap and hard hat can be selected to achieve comprehensive safety protection.



BUILT-IN WIND DIRECTION ADJUSTMENT

Air flow direction can be changed with built-in wind direction adjuster for optimum comfort.



SKIN-FRIENDLY SEALING HEAD COVERING

The fabric has good water resistance and flame retardancy, and good sealing performance, ensuring that a micro-positive pressure state is formed in face shield.

HIGH-LEVEL RESPIRATORY PROTECTION

Passes EN12941 TH2 level respiratory protection, the filtration efficiency is as high as 99.97%.



Integrated Protection



Built in Air Direction Adjustment



Extra clear view



Adjustable Headgear



Well fit face seal design



Wide Application

Specifications - Face Shield	G20
Model	G20-V
Weight	792g
Head protection level	EN397:2012
Suitable working environment	Hard hat standard head protection requirement
Eye and face standard	EN166:2001

SPECIFICATIONS - RESPIRATOR	
Airflow Rate	Low speed: 170+ lpm (6+ cfm) High speed: 210+ lpm (7.4+ cfm)
Battery Type	Rechargeable Li-ion Battery
Battery Duration	9 hours (Standard battery, 170+ lpm) 5 - 6 hours (Standard battery, 210+ lpm) 15 hours (Extended battery, 170+ lpm) 9 hours (Extended battery, 210+ lpm)
Battery Charge Time	1 hours (Standard battery) 2 hours (Extended battery)
Battery Life	≥ 500 charges
Filter Efficiency	≥ 99.97%
Alarms	Visible, Audible and Vibrate
Operating Temp.	-5 °C ~ +55 °C (23 °F ~ 131 °F)
Storing Temp.	-10 °C ~ +55 °C (14 °F ~ 131 °F)
Operating Relative Humidity	<90%
Storage Relative Humidity	<85%
Weight (Blower Unit+ Battery)	1020 g
Respirator Approval	CE AS/NZS EN 12941 TH2 P R SL AS/NZS 1716

TM-S1

FACE SHIELD

Product Code: 00043872

The new range of face shields from Tecmen sets the standard for affordable, ergonomical and easy to wear face shields that has great optical clarity with the necessary safety protection. Made from durable impact resistant Poly carbon material this non deforming face shield with anti-scratch and anti-fog properties keeps you safe and comfortable so you can focus on the job at hand without "fighting" your shield. Adding to the comfort is the quality headgear that allows you to adjust the shield for a perfect head fit every time.



Grind



FEATURES AND BENEFITS

- Made from durable Poly Carbon material.
- Ergonomical 3D curve design to optimize visual experience and comfort, whilst reducing weight and headgear fatigue when using for prolonged periods
- The non deforming Poly Carbon Lens ensures clear and accurate vision to assist with accurate grinding, lab work, and field work such as timber processing, brush cutting etc
- Heat and impact resistant
- Anti scratch lens to minimize grinding spark damage or liquid splash damage.
- Anti-fog properties

INDUSTRIES

Surface processing (Industries using welding and grinding as part of their fabrication process)

Agriculture (Wood and timber processing, brush cutting etc)

Laboratories

3D CURVED DESIGNED LENS

Ergonomically designed to for a better face fit supported with quality adjustable headgear.

ANTI-SCRATCH LENS

Effectively preventing excessive spark and splash damages.

PROTECTION AGAINST UV / IR

High impact and heat resistant lens.

Specifications	
Shield Model	TM-S1
Dimension of PC lens (Height x Width x Thickness)	212 x 220 x 1.8 mm
Weight of PC lens	130 g
Shade number of PC lens	Transparent
Standard approved	CE, ANSI, CSA, AS/NZS
Surface processing in heavy industry	•
Pharmacy	•
Agriculture	•
Laboratory	•
Welding / Cutting	

TM-S4

FACE SHIELD FOR GRINDING AND PLASMA CUTTING

Product Code: 000043873

The new range of face shields from Tecmen sets the standard for affordable, ergonomical and easy to wear face shields that has great optical clarity with the necessary safety protection. Made from durable impact resistant Poly carbon material this non deforming face shield with anti-scratch and anti-fog properties keeps you safe and comfortable so you can focus on the job at hand without "fighting" your shield. Adding to the comfort is the quality headgear that allows you to adjust the shield for a perfect head fit every time. The shaded lenses of the TM-S4 gives you the added protection for plasma cutting as well as oxy fuel cutting.



FEATURES AND BENEFITS

- Made from durable Poly Carbon material.
- Ergonomical 3D curve design to optimize visual experience and comfort, whilst reducing weight and headgear fatigue when using for prolonged periods
- The non deforming Poly Carbon Lens ensures clear and accurate vision to assist with accurate grinding, lab work, and field work such as timber processing, brush cutting etc
- Heat and impact resistant
- Anti scratch lens to minimize grinding spark damage or liquid splash damage.
- Anti-fog properties

INDUSTRIES

Surface processing (Industries using welding and grinding as part of their fabrication process)

Agriculture (Wood and timber processing, brush cutting etc)

Laboratories

Plasma Cutting

Oxy Fuel Cutting

PROTECTION AGAINST UV / IR

High impact and heat resistant lens.

3D CURVED DESIGNED LENS

Ergonomically designed to for a better face fit supported with quality adjustable headgear.

ANTI-SCRATCH LENS

Effectively preventing excessive spark and splash damages.

Specifications

Shield Model	TM-S4
Dimension of PC lens (Height x Width x Thickness)	212 x 220 x 1.8 mm 110 x 190 x 1.8 mm
Weight of PC lens	Full-face window: 130 g Flip window: 45 g
Shade number of PC lens	Full-face window: Transparent Flip window: Shade 5
Standard approved	CE, ANSI, CSA, AS/NZS
Surface processing in heavy industry	•
Pharmacy	•
Agriculture	•
Laboratory	•
Welding / Cutting	•



WC715

WELDCREW AUTO DARKENING HELMET

Product Code: 00016221



SPECIFICATIONS

WC715	
CARTRIDGE SIZE (MM)	110*90
VIEWING WINDOW SIZE (MM)	92*42
LENS THICKNESS (MM)	8
WEIGHT (G)	103
LIGHT STATE	DIN4
DARK STATE	DIN5-9/9 13
SWITCHING TIME (MS)	0.04
DELAY TIME	INSIDE & SWITCH 0.2S/0.60S
SENSITIVITY ADJUSTMENT	INSIDE & SWITCH
SHADE ADJUSTMENT (STEPLESS)	OUTSIDE
SENSORS	2
OPERATION TEMPERATURE	-5°C(23°F) ~ +55°C(131°F)
GRINDING	OUTSIDE
POWER SUPPLY	L1 MN & SOLAR COMBINATION
TIG CAPABILITY	>5A
WARRANTY (YEARS)	1
OPTICAL CLASS	1/1/1/2
CERTIFICATION	CE EN379, ANSI Z87.1, GS

2 X High Sensitivity Arc sensors

Infinite shade adjustment

Grinding mode (shade 4)

Welding and plasma cutting (Shade 5 -13)

Headgear adjustment

High Impact Resistance

High tenacity shell material, passing EN175 Band ANSI Z87.1 impact test under highest level.



- External Grind / Shade Control
- Sensitivity / Delay Time Control
- Battery Capacity Test / Low Battery Indicator
- Battery Replaceable



ACCESSORIES

TECMEN HEAD AND NECK PROTECTION

Code	Description
41826	NECK PROTECTION TECMEN NP003
41827	HP011-B EXTENDED HEAD PROTECTION TECMEN HELMETS



WELDING JACKET

UNIARC PRO

Product Code: 00040311

The UNIARC PRO WELDING JACKET is a premium leather and fire retardant cotton blend protective Welding Jacket. It is comfortable, breathable and light weight. This waist length welding jacket protects the users' torso and hands against the hazards of welding spatter and burns. These welding jackets assist in reducing the fatigue affects of welding especially in areas with high ambient temperatures that pose heat stress dangers.



FEATURES

- FLAME RESISTANT KEVLAR THREAD FOR DURABLE SEAMS
- AN EASILY ADJUSTABLE, STAND-UP, VELCRO COLLAR PROVIDING NECK PROTECTION
- REFLECTIVE TAPE ON BACK FOR EXTRA VISIBILITY IN LOW LIGHT AREAS TWO LARGE POCKETS WITH STORM FLAP AND TWO UPPER SLEEVE POCKETS FOR STORAGE OF PENS AND 6 INCH RULERS (IDEAL FOR OUT OF POSITION WELDING PREVENTING SMALL UTILITIES FROM FALLING OUT, OR GETTING DAMAGED) WHEN WELDING IN SMALL SPACES.
- LARGE PLASTIC OUTER PRESS STUDS JACKET CLOSURES FOR EASE OF USE WHEN WEARING GLOVES
- OUTER PRESS STUD SNAP SLEEVE CLOSURES FOR BETTER FIT AND PREVENTION OF INJURY FROM WELDING SPATTER
- ADJUSTABLE WAIST FOR ENHANCED TORSO FIT

Leather has good abrasion and puncture resistance that prevents heat from penetrating through the garment.

Suitable for welding applications where there is exposure to intense sparks, high heat, molten metal and industrial launderings used in steel mills, shipyards, manufacturing, automotive, gas welding, and torch work industries.

SPECIAL INSTRUCTIONS

Although the manufacturer has examined this garment under the system for ensuring quality of production by means of monitoring and inspection, we recommend that all gloves should be thoroughly inspected before use to ensure no damage is present.

None of the materials or processes used in the manufacture of these products are known to be harmful to the wearer. The garment and information contained herein are designed to accommodate the basic safety requirements and standards for Personal Protective Equipment. Actual conditions of use cannot be directly simulated in a test environment, therefore it is the responsibility of the user and not the manufacturer or supplier to determine the suitability for intended use.

All welding jackets should be thoroughly inspected before and after use to ensure no damage is present.

COMPLIANCE & CONFORMITY

This welding jacket is designed for protection against welding hazards. The garment meets the requirements of ergonomics, harmless materials, comfort, and flexibility.

SPECIFICATIONS

Style: Flame resistant cotton and leather waist length, reflective adjustable welding jacket, with Dromex sidewinder and embroidered logo
Reflective tape: Flame retardant
Fabric composition Jacket: 100% cotton (treated for flame)
Fabric composition Sleeves: High quality suede cow split leather
Mass: ± 350 gsm – 370 gsm

AVAILABLE SIZES

CODE	SIZE BREAKDOWN
40689	UNIARC PRO WELDING JACKET - SMALL
40690	UNIARC PRO WELDING JACKET- MEDIUM
40691	UNIARC PRO WELDING JACKET - LARGE
40692	UNIARC PRO WELDING JACKET - EXTRA LARGE
40693	UNIARC PRO WELDING JACKET - 2XL
40694	UNIARC PRO WELDING JACKET - 3XL

099

MIG/MAG/TIG TORCHES

MIG/MAG/TIG TORCHES



AIR COOLED MIG WELDING TORCH

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XP8 200A
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XP8 350A
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XP8 450W
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AIR COOLED MIG TORCH

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BZL SA200
PAGE 103



BZL SAB3600
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AIR COOLED MIG WELDING TORCH

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PRO-GRIP® 250A
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PRO-GRIP® 360A
PAGE 108



PRO-GRIP® 400A
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PRO-GRIP® 501A
PAGE 110

AIR COOLED TIG WELDING TORCH

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PRO-GRIP® WP17V
PAGE 111



PRO-GRIP® 18W V
PAGE 112



PRO-GRIP® 26V
PAGE 113



AIR COOLED MIG WELDING TORCH

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WELDCRAFT® A-125
PAGE 115



WELDCRAFT® A-150
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WELDCRAFT® A-200
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WELDCRAFT® W-250
PAGE 118



WELDCRAFT® W-350
PAGE 119

WELD ONE TONNE OF WIRE WITH ONE CONTACT TIP



With arguably the world's most productive welding torch.



The Parweld XP8 Generation 2 Mig Torch is **guaranteed to reduce your tip consumption by 70%.**

Every part of the XP8 has been **meticulously designed.** Extra length contact tips are manufactured from high grade chrome zirconium copper alloy **ensuring trouble free current transfer between the tip and the electrode.** Dual contact points ensure the current transfer is maximised between the tip and the tip adaptor whilst the lower 30% of the tip is forced cooled by the gas stream.

Tests have proven that you can **weld one tonne of wire with just one contact tip.**

With our patented gas flow technology, extended consumable life expectancy and a significant increase in duty cycle you can see why the XP8 G2 is in our words **"The World's Most Productive Welding Torch".**





Selecting the correct XP8 Torch

Amperages and duty cycles alone are arbitrary measures of a torches capability.

For a more accurate appreciation wire type, gas type, flow rate and open circuit voltage must all be taken into consideration.

The XP8 is rated in Amps as a guideline but the Kilowattage requirement of a given application provides a far more accurate method for calculating torch selection.

Kilowattage represents the total power rating required and is calculated as follows:

$$\frac{\text{Welding Amps} \times \text{Welding Volts} = \text{kW}}{1000}$$

(Amps x Volts = Watts , 1000 Watts = 1 kW)



XP8 200A

Air Cooled MIG Welding Torch

200A, 6kW, Mixed Gas (80/20) @ 80% Duty Cycle, EN60974-7 .023"-.045"/0.6mm to 1.2mm Wires

Table to show the affect on XP8 performance when using alternate gas types

Model	Mixed Gas (80/20)		Mixed Gas (95/5)		100% CO ₂	
	Amps	kW	Amps	kW	Amps	kW
XP8-200A	200	6.0	200	6.0	260	7.8



XP8 350A

Air Cooled MIG Welding Torch

350A, 10.5kW, Mixed Gas (80/20) @ 80% Duty Cycle, EN60974-7 .040"-1/16"/1.0mm to 1.6mm Wires

Table to show the affect on XP8 performance when using alternate gas types

Model	Mixed Gas (80/20)		Mixed Gas (95/5)		100% CO ₂	
	Amps	kW	Amps	kW	Amps	kW
XP8-350A	350	10.5	300	9.0	425	14.9



XP8 450W

Water Cooled MIG Welding Torch

450A, 15.8kW, Mixed Gas (80/20) @ 100% Duty Cycle, EN60974-7 .040"-3/32"/1.0mm to 2.4mm Wires

Table to show the affect on XP8 performance when using alternate gas types

Model	Mixed Gas (80/20)		Mixed Gas (95/5)		100% CO ₂	
	Amps	kW	Amps	kW	Amps	kW
XP8-450W	450	15.8	450	15.8	450	15.8

Note: All ratings are based on a nominal gas flow of 18lpm. A lower gas flow will result in an increase in working temperature but it will not have any adverse affect as long as the gas flow is within the accepted limits for the welding amperage.

BZL SA200

SPOOL GUN

Air Cooled MIG Torch

230A CO₂, 200A Mixed Gas @ 60% Duty Cycle, EN60974-7 .023"-0.040"/0.6mm to 1.0mm Wires

Part no: 00042503



Models

Stock Code	Description
SAB2000-60E	Torch Package x 6.0m c/w Euro Fitting

Nozzles

Stock Code	Description
A B2507	Cylindrical Nozzle 5/7"/18mm Bore
B2508*	Conical Nozzle 19/32"/15mm Bore
B2509	Tapered Nozzle 15/32"/12mm Bore
B2510	Bottle Nozzle 19/32"/15mm Bore
B2511	Spot Welding Nozzle 19/32"/15mm Bore

Contact Tips

Stock Code	Description
B B2504-08	Contact Tip .030"/0.8mm M6 ECu
B2504-10*	Contact Tip .040"/1.0mm M6 ECu
B2504-12	Contact Tip .045"/1.2mm M6 ECu
B2505-08	Contact Tip .030"/0.8mm M6 CuCrZr
B2505-10	Contact Tip .040"/1.0mm M6 CuCrZr
B2505-12	Contact Tip .045"/1.2mm M6 CuCrZr

Components

* Denotes Standard Build

Stock Code	Description
1 B2506	Tip Adaptor M6
2 SA2501	Straight Neck
3 Q58017	O-Ring ID8.0X1.7
4 SAL01	Liner Assembly
5 SA1202	Conducting Bar
6 SA815	M8X15 Screw
7 SA1203	Gas Connector
8 SA1210	Internal Gas Hose
9 SA1103	Spool Cover
10 SA1105	Push - Pull Handle Cover
11 PA40216	Trigger Switch
12 SA1101	Spool - On Handle
13 SA1214	Cable Support
14 SASP	Screw Kit
15 SAC25	Cable Assembly 6m

Components

* Denotes Standard Build

Stock Code	Description
16 SA1217	Locking Screw
17 SA1205	Press Arm Shaft
18 SA1104	WFS Control Knob
19 SA1204	Press Arm
20 SA1206	Drive Roll 0.8/0.9
21 SA404	M4X4 Screw
22 SA1209	Bearing
23 SA1201	Motor body
24 SA1108	Inlet Guide
25 MT137770-24	Motor and Gear Box(30:1)
26 SA514	M5X14 Screw
27 SA1109	Press Arm Bolt C/W Spring
28 10KPOT	Potentiometer 10K
29 SA610	M6X10 Screw x2
30 B1505	Lock Nut
31 PPA36020A	Cable Support
32 PTA4017F	Lock Nut
33 B1518/BK	Gun Plug Housing c/w Nut
34 B1526	Gun Plug Screw
35 B1519	Gun Plug Nut c/w Insert
36 Spring Pin 2	Spring Pin Assembly
37 B1528-T	Gun Plug Body c/w Spring Pins
38 B1524	Gun Plug 'O' Ring

BZL SAB3600

SPOOL GUN

Air Cooled MIG Torch

300A CO₂ , 270A Mixed Gas @ 60% Duty Cycle, EN60974-7 .030"- .045"/0.8mm to 1.2mm Wires

Part no: 00042926



Models

Stock Code	Description
SAB3600-60E	Torch Package x 6.0m c/w Euro Fitting

Nozzles

Stock Code	Description
A B3615	Cylindrical Nozzle 3/4"/19mm Bore
B3616*	Conical Nozzle 5/8"/16mm Bore
B3617	Tapered Nozzle 15/32"/12mm Bore

Contact Tips

Stock Code	Description
B B2504-08	Contact Tip .030"/0.8mm M6 ECu
B2504-10	Contact Tip .040"/1.0mm M6 Ecu
B2504-12	Contact Tip .045"/1.2mm M6 Ecu
B2504-10A*	Contact Tip, Ali Wire .040"/1.0mm Ecu
B2504-12A	Contact Tip, Ali Wire .045"/1.2mm Ecu
B2505-08	Contact Tip .030"/0.8mm M6 CuCrZr
B2505-10	Contact Tip .040"/1.0mm M6 CuCrZr
B2505-12	Contact Tip .045"/1.2mm M6 CuCrZr

Components

* Denotes Standard Build

Stock Code	Description
1 B3612	Tip Adaptor 1.12"/28.5mm M6
2 B3605B	Diffuser Black
B3605C*	Diffuser Ceramic
B3605W	Diffuser White
3 SA3601	Straight Neck
4 Q58018	O-Ring Pack
5 SA1201	Torch Body
6 SA0608V	Drive Roll 0.6-0.8mm V Groove Steel Wire
SA1012V	Drive Roll 1.0-1.2mm V Groove Steel Wire
SA0608U	Drive Roll 0.6-0.8mm U Groove Aluminum Wire
SA1012U *	Drive Roll 1.0-1.2mm U Groove Aluminum Wire
7 SA1202	Conducting Bar
8 SA815	Conducting Bar Locking Screw
9 SA1210	Internal Gas Hose
10 SA1214	Cable Support
11 SAL01	Neck Liner

Components

* Denotes Standard Build

Stock Code	Description
12 SM305	DC Motor
13 SA1105	Handle Cover
14 P4016	Trigger Switch
15 SA1101	Handle Assembly
16 SA1103	Spool Cover
17 SA1109	Press Arm Bolt c/w Spring
18 SA1230-1	Potentiometer Kit 1K
SA1230-5	Potentiometer Kit 5K
SA1230-10 *	Potentiometer Kit 10K
19 SASP	Handle Screw Kit
20 SA1217	Spool Cover Locking Screw
21 SAC50	Cable Assembly 6m
22 B1505	Lock Nut
23 B8026	Spring Cable Support - Reat
24 B1518/BK	Gun Plug Housing c/w Nut
25 B1526	Gun Plug Screw
26 B1519	Gun Plug Nut c/w Insert
27 SA1528	Gun Plug Body c/w Spring Pins
28 B1524	Gun Plug 'O' Ring



FEATURES & BENEFITS

MIG/MAG - QUALITY STANDARDS

All torches are rigorously tested using computerised and automated test equipment at the design stage through to production.

All our components pass rigorous quality control checks prior to assembly.

All torches are designed to be tough and damage resistant and comply with EN 60974-7.



PROFESSIONAL HANDLE SYSTEM ERGONOMICALLY SUPERIOR

- Integrated soft grips ensure the handle remains in place with minimal grip pressure
- Enhances wire feeding performance
- Screwless design for rapid servicing

CABLE SUPPORTS IMPROVED WIRE FEED

- The perfect balance of freedom of movement and progressive support to the power cable is achieved

SWAN NECKS

- High temperature resistant insulation materials reducing the risk of shorting
- Durable and robust

KNUCKLE JOINT IMPROVED MANOEUVRABILITY

- Small movements of the handle and neck are possible independently of the cable assembly

HANGER HOOKS EASY TO STORE

- Less prone to damage
- Encourages an efficient and tidy workspace

HYDROFLEX™ CABLE SYSTEMS

- Liquid cooled cable systems use high temperature resistant rubber cables which ensure leak free terminations

HYPERFLEX™ CABLE SYSTEMS

- Air cooled cable assemblies offer outstanding flexibility and the highest heat and abrasion resistance of any known cable
- Cable end crimp systems ensure maximum conductivity whilst the outer jacket is constructed from cross linked polymers providing a tear proof

CONTACT TIPS

- Manufactured using a harder and higher conductivity copper to increase contact tip life cycle

NOZZLES MAXIMISE PERFORMANCE

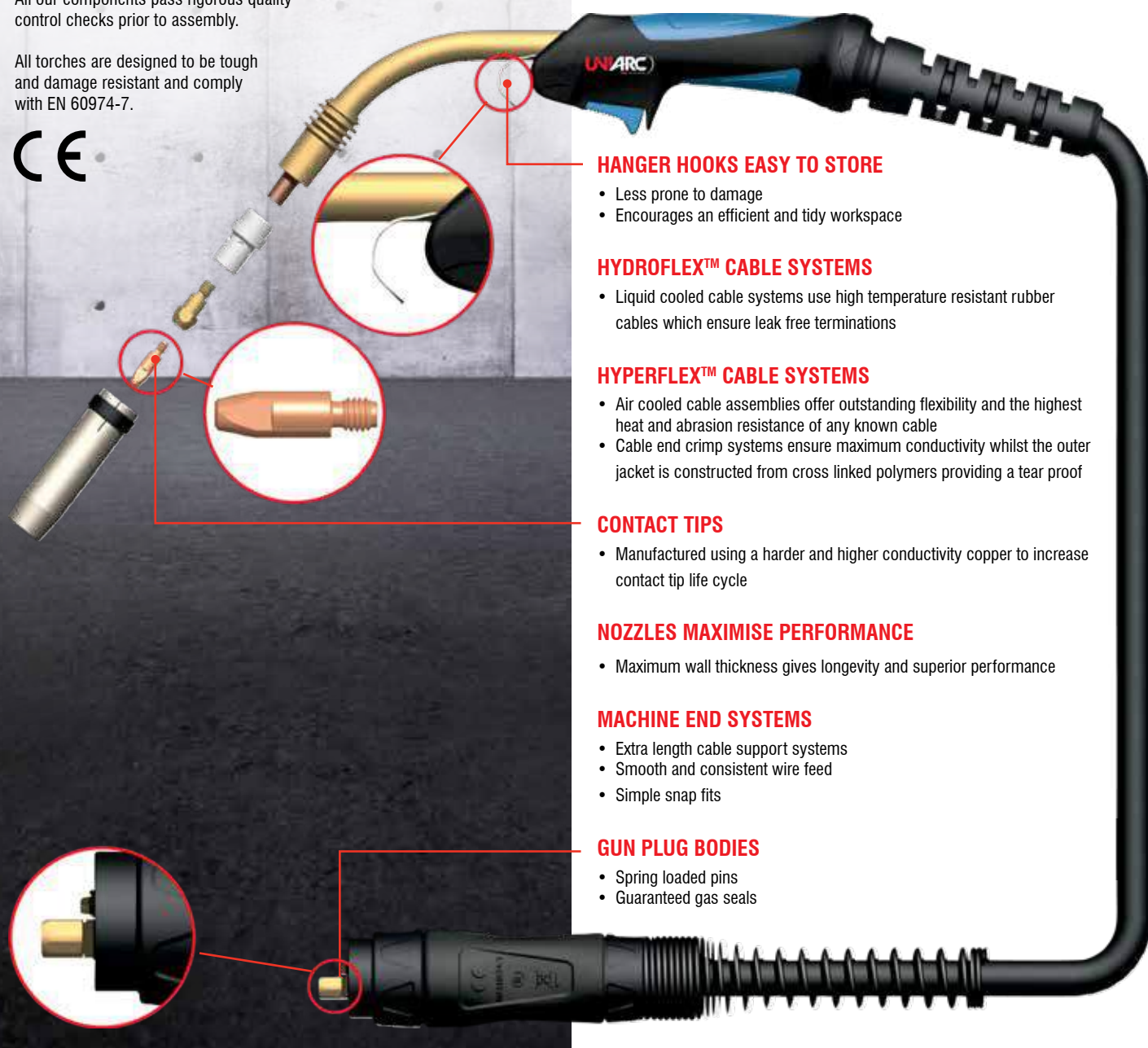
- Maximum wall thickness gives longevity and superior performance

MACHINE END SYSTEMS

- Extra length cable support systems
- Smooth and consistent wire feed
- Simple snap fits

GUN PLUG BODIES

- Spring loaded pins
- Guaranteed gas seals



All torches are rigorously tested using computerised and automated test equipment at the design stage through to production.

All our components pass rigorous quality control checks prior to assembly.

All torches are designed to be tough and damage resistant and comply with EN 60974-7.



ECO HANDLE SYSTEM MAXIMISES USER COMFORT

- Designed for balance, lightness and strength
- Enhances wire feeding performance
- Screwless design for rapid servicing

SWAN NECKS

- High temperature resistant insulation materials reducing the risk of shorting
- Durable and robust

CABLE SUPPORTS IMPROVED WIRE FEED

- The perfect balance of freedom of movement and progressive support to the power cable is achieved

KNUCKLE JOINT IMPROVED MANOEUVRABILITY

- Small movements of the handle and neck are possible independently of the cable assembly

HYDROFLEX™ CABLE SYSTEMS

- Liquid cooled cable systems use high temperature resistant rubber cables which ensure leak free terminations

HYPERFLEX™ CABLE SYSTEMS

- Air cooled cable assemblies offer outstanding flexibility and the highest heat and abrasion resistance of any known cable
- Cable end crimp systems ensure maximum conductivity whilst the outer jacket is constructed from cross linked polymers providing a tear proof jacket and a burn threshold of 375°C

CONTACT TIPS

- Manufactured using a harder and higher conductivity copper alloy than the OEM

NOZZLES MAXIMISE PERFORMANCE

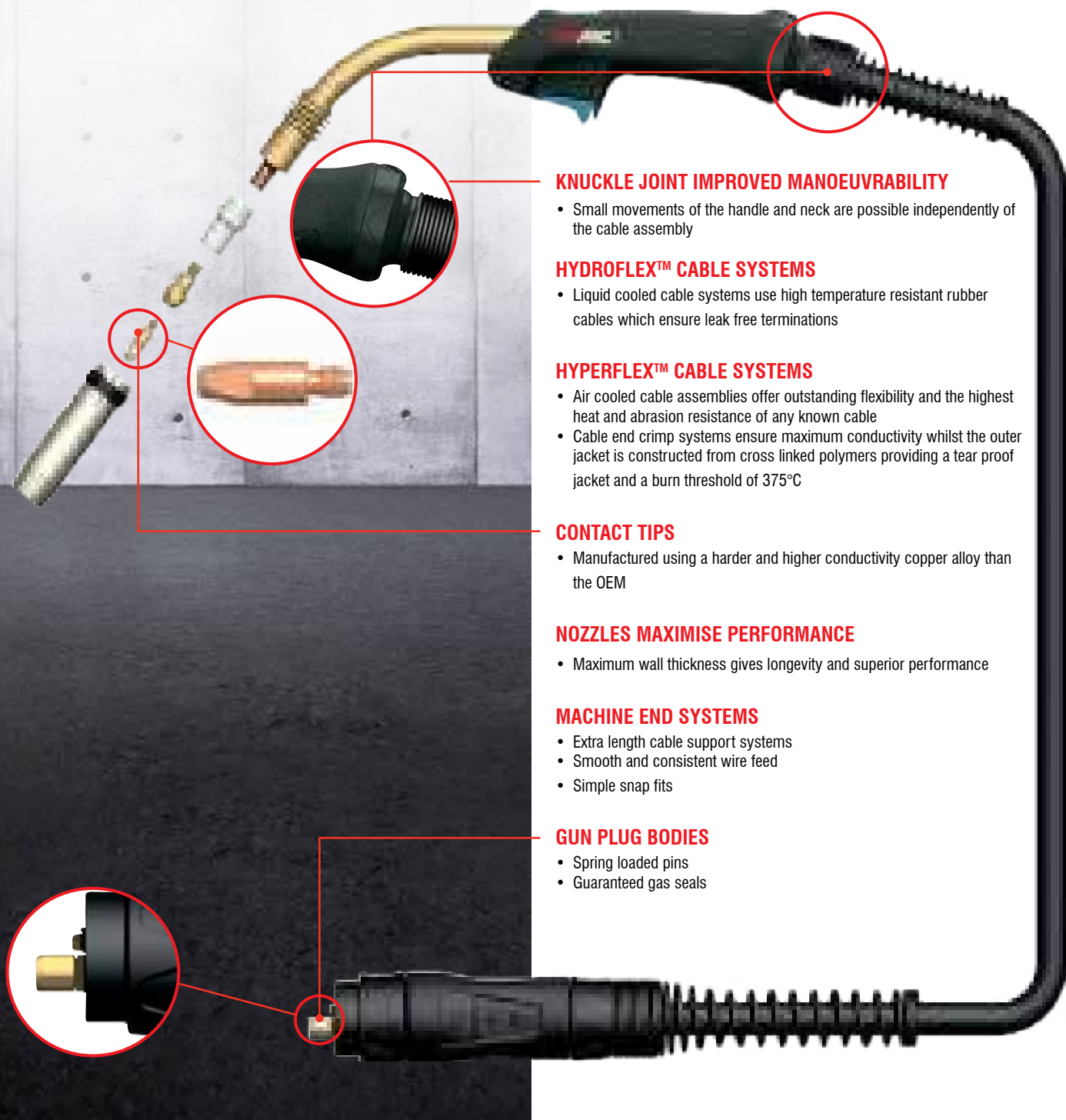
- Maximum wall thickness gives longevity and superior performance

MACHINE END SYSTEMS

- Extra length cable support systems
- Smooth and consistent wire feed
- Simple snap fits

GUN PLUG BODIES

- Spring loaded pins
- Guaranteed gas seals





PRO-GRIP® 250A

AIR COOLED MIG WELDING TORCH

Product Code: 00037054

Rating: 230A CO2 200A mixed gas @ 60% =duty cycle,
EN60974-7 .030"- .45"/0.8mm-1.2mm Wire



SPECIFICATIONS

MODEL

STOCK CODE	DESCRIPTION
RTPRO2500-30ER	PRO-GRIP® Torch x 3mt
RTPRO2500-40ER	PRO-GRIP® Torch x 4mt
RTPRO2500-50ER	PRO-GRIP® Torch x 5mt

NOZZLES

STOCK CODE	DESCRIPTION
UB2507	Cylindrical Nozzle 1 1/16"/18mm Bore
UB2508*	Conical Nozzle 19/32"/15mm Bore
UB2509	Tapered Nozzle 15/32"/12mm Bore
UB2510	Bottle Nozzle 19/32"/15mm Bore
UB2511	Spot Welding Nozzle 1 1/16"/18mm Bore

CONTACT TIPS

STOCK CODE	DESCRIPTION
UB2504-08	Contact Tip .030"/0.8mm M6 Ecu
UB2504-09	Contact Tip .035"/0.9mm M6 Ecu
UB2504-10*	Contact Tip .040"/1.0mm M6 Ecu
UB2504-12	Contact Tip .045"/1.2mm M6 Ecu
UB2505-08	Contact Tip .030"/0.8mm M6 CuCrZr
UB2505-09	Contact Tip .035"/0.9mm M6 CuCrZr
UB2505-10	Contact Tip .040"/1.0mm M6 CuCrZr
UB2505-12	Contact Tip .045"/1.2mm M6 CuCrZr

LINERS

STOCK CODE	DESCRIPTION
UB1535-30	Steel Liner .023"-.035"/0.6-0.9mm x 3mt
UB1535-40	Steel Liner .023"-.035"/0.6-0.9mm x 4mt
UB1535-50	Steel Liner .023"-.035"/0.6-0.9mm x 5mt
UB2524-30*	Steel Liner .040"-.045"/1.0-1.2mm x 3mt
UB2524-40*	Steel Liner .040"-.045"/1.0-1.2mm x 4mt
UB2524-50*	Steel Liner .040"-.045"/1.0-1.2mm x 5mt
UB1536-30	Teflon Liner .023"-.035"/0.6-0.9mm x 3mt
UB1536-40	Teflon Liner .023"-.035"/0.6-0.9mm x 4mt

LINERS (Continued)

* Denotes Standard Build

STOCK CODE	DESCRIPTION
UB1536-50	Teflon Liner .023"-.035"/0.6-0.9mm x 5mt
UB2513-30	Teflon Liner .040"-.045"/1.0-1.2mm x 3mt
UB2513-40	Teflon Liner .040"-.045"/1.0-1.2mm x 4mt
UB2513-50	Teflon Liner .040"-.045"/1.0-1.2mm x 5mt

COMPONENTS

STOCK CODE	DESCRIPTION
UB2506*	ip Adaptor M6
NI UB2536	Tip Adaptor M8
UB2502	Shroud Spring
UB2501	Swan Neck
UB1515/PG	Handle Location Body
UB1505	Lock Nut
UB8015	Cable Support c/w Knuckle Joint
UB1521	Cable Terminal
UB7514	Pro-Grip® Handle Kit
UB2516	Ergo Trigger
UB2517	Hanger Hook
UB2503-30	Hyperflex Cable Assembly x 3mt
UB2503-40	Hyperflex Cable Assembly x 4mt
UB2503-50	Hyperflex Cable Assembly x 5mt
UB1522	Cable Terminal Male
UB2841	Cable Support
UB1518	Gun Plug Housing c/w Nut
UB1526	Gun Plug Screw
UB1519	Gun Plug Nut c/w Insert
UBSpring Pin 2	Spring Pin Assembly
UB1528	Gun Plug Body c/w Spring Pins
UB1524	Gun Plug 'O' Ring
UB1525	Liner Nut



PRO-GRIP® 360A

AIR COOLED MIG WELDING TORCH

Product Code: 00037055

Rating: 300A CO2 270A mixed gas @ 60% duty cycle,
EN60974-7 .030"-.045"/0.8mm-1.2mm wire



SPECIFICATIONS

MODEL

STOCK CODE	DESCRIPTION
RTPRO3600-30ER	PRO-GRIP® Welding Torch x 3mt
RTPRO3600-40ER	PRO-GRIP® Welding Torch x 4mt
RTPRO3600-50ER	PRO-GRIP® Welding Torch x 5mt

NOZZLES

STOCK CODE	DESCRIPTION
A UB3615	Cylindrical Nozzle 3/4"19mm Bore
UB3616*	Conical Nozzle 5/8"/16mm Bore
UB3617	Tapered Nozzle 15/32"/12mm Bore

CONTACT TIPS

STOCK CODE	DESCRIPTION
B UB2504-10	Contact Tip .040"/1.0mm M6 Ecu
UB2504-12*	Contact Tip .045"/1.2mm M6 Ecu
UB2505-10	Contact Tip .040"/1.0mm M6 CuCrZr
UB2505-12	Contact Tip .045"/1.2mm M6 CuCrZr
C UB4014-10	Contact Tip .040"/1.0mm M8 Ecu
UB4014-12	Contact Tip .045"/1.2mm M8 Ecu
UB4015-10	Contact Tip .040"/1.0mm M8 CuCrZr
UB4015-12	Contact Tip .045"/1.2mm M6 CuCrZr

LINERS

STOCK CODE	DESCRIPTION
D UB2524-30*	teel Liner .040"-.045"/1.0-1.2mm x 3mt
UB2524-40*	Steel Liner .040"-.045"/1.0-1.2mm x 4mt
UB2524-50*	Steel Liner .040"-.045"/1.0-1.2mm x 5mt
UB2513-30	Teflon Liner .040"-.045"/1.0-1.2mm x 3mt
UB2513-40	eflon Liner .040"-.045"/1.0-1.2mm x 4mt
UB2513-50 T	eflon Liner .040"-.045"/1.0-1.2mm x 5mt

COMPONENTS

STOCK CODE	DESCRIPTION
1 UB3612*	Tip Adaptor 28.5mm M6
2 UB3614	Tip Adaptor 28.5mm M8
NI UB3613	Tip Adaptor 31.5mm M6
3 UB3605B	Diffuser Black
UB3605C*	Diffuser Ceramic
UB3605W	Diffuser White
4 UB3603	Swan Neck
5 UB1515/PG	Handle Location Body
6 UB1505	Lock Nut
7 UB8016	Cable Support c/w Knuckle Joint
8 UB1521	Cable Terminal
9 UB7514	Pro-Grip® Handle Kit
10 UB2516	Ergo Trigger
11 UB2517	Hanger Hook
12 UB3609-30	Hyperflex Cable Assembly x 3mt
UB3609-40	Hyperflex Cable Assembly x 4mt
UB3609-50	Hyperflex Cable Assembly x 5mt
13 UB1522	Cable Terminal Male
14 UB8026	Spring Cable Support
15 UB1518	Gun Plug Housing c/w Nut
16 UB1526	Gun Plug Screw
17 UB1519	Gun Plug Nut c/w insert
18 UBSpring Pin 2	Spring Pin Assembly
19 UB1528	Gun Plug Body c/w Spring Pins
20 UB1524	Gun Plug 'O' Ring
21 UB1525	Liner Nut



PRO-GRIP® 400A

AIR COOLED MIG WELDING TORCH

Product Code: 00037056

Rating: 350A CO2 320A mixed gas @ 60% duty cycle,
EN60974-7 .040"-3/32"/1.0mm to 2.4mm wires



SPECIFICATIONS

MODEL

STOCK CODE	DESCRIPTION
RTPRO4000-30ER	PRO-GRIP® Welding Torch x 3mt
RTPRO4000-40ER	PRO-GRIP® Welding Torch x 4mt
RTPRO4000-50ER	PRO-GRIP® Welding Torch x 5mt

NOZZLES

STOCK CODE	DESCRIPTION
A UB4017	Conical Nozzle 1 1/16"/18mm Bore

CONTACT TIPS

STOCK CODE	DESCRIPTION
B UB4014-10	Contact Tip .0409/1.0mm M8 Ecu
UB4014-12*	Contact Tip .0459/1.2mm M8 Ecu
UB4014-16	Contact Tip 1/169/1.6mm M8 Ecu
UB4014-20	Contact Tip .0809/2.0mm M8 Ecu
UB4014-24	Contact Tip .0909/2.4mm M8 Ecu
UB4015-10	Contact Tip .0409/1.0mm M8 CuCrZr
UB4015-12	Contact Tip .0459/1.2mm M8 CuCrZr
UB4015-16	Contact Tip 1/169/1.6mm M8 CuCrZr
UB4015-24	Contact Tip .0909/2.4mm M8 CuCrZr

LINERS

STOCK CODE	DESCRIPTION
C UB2524-30	Steel Liner .040"- .045"/1.0-1.2mm x 3mt
UB2524-40	Steel Liner .040"- .045"/1.0-1.2mm x 4mt
UB2524-50	Steel Liner .040"- .045"/1.0-1.2mm x 5mt
UB3631-30*	Steel Liner 1/16"/1.6mm x 3mt
UB3631-40*	Steel Liner 1/16"/1.6mm x 4mt
UB3631-50*	Steel Liner 1/16"/1.6mm x 5mt
UB4631-30	Steel Liner .080"- .090"/2.0-2.4mm x 3mt
UB4631-40	Steel Liner .080"- .090"/2.0-2.4mm x 4mt
UB4631-50	Steel Liner .080"- .090"/2.0-2.4mm x 5mt

LINERS (Continued)

* Denotes Standard Build

STOCK CODE	DESCRIPTION
C UB2513-30	Teflon Liner .040"- .045"/1.0-1.2mm x 3mt
UB2513-40	Teflon Liner .040"- .045"/1.0-1.2mm x 4mt
UB2513-50	Teflon Liner .040"- .045"/1.0-1.2mm x 5mt

COMPONENTS

STOCK CODE	DESCRIPTION
1 UB4005 T	Ip Adaptor M8
2 UB4003B	Diffuser Black
UB4003C*	Diffuser Ceramic
3 UB4002	Swan Neck
4 UB4050	Lock Nut
5 UB3841	Cable Support
6 UB1521	Cable Terminal
7 UB4514	Pro-Grip Handle Kit
8 UB8516	Pro-Grip Trigger
9 UB2517 Hanger Hook	
10 UB4010-30 Hyperflex™	Cable Assembly x 3m
UB4010-40	Hyperflex™ Cable Assembly x 4m
UB4010-50	Hyperflex™ Cable Assembly x 5m
11 UB1522 Cable	Terminal-Male
12 UB8026	Spring Cable Support-Rear
13 UB1518	Gun Plug Housing c/w Nut
14 UB1526	Gun Plug Screw
15 UB1519	Gun Plug Nut c/w Insert
16 UBSpring Pin 2	Spring Pin Assembly
17 UB4038	Gun Plug Body c/w Spring Pins
18 UB1524	Gun Plug 'O' Ring
19 UB1525	Liner Nut



PRO-GRIP® 501A

AIR COOLED MIG WELDING TORCH

Product Code: 00039158

Rating: 520A CO2 430A mixed gas @ 100% duty cycle,
EN60974-7 .040"-1/16"/1.0mm-1.6mm wire



SPECIFICATIONS

MODEL

STOCK CODE	DESCRIPTION
RTPRO5000-30ER	Pro-Grip Max® Welding Torch x 3mt
RTPRO5000-40ER	Pro-Grip Max® Welding Torch x 4mt
RTPRO5000-50ER	Pro-Grip Max® Welding Torch x 5mt

NOZZLES

STOCK CODE	DESCRIPTION
A UB5027	Cylindrical Nozzle 3/4"/19mm Bore
UB5028*	Conical Nozzle 5/8"/16mm Bore
UB5029	Tapered Nozzle 9/16"/14mm Bore
B UB5028HD	Heavy Duty Conical Nozzle 5/8"/16mm Bore

CONTACT TIPS

STOCK CODE	DESCRIPTION
C UB4014-10	Contact Tip .040"/1.0mm M8 Ecu
UB4014-12*	Contact Tip .045"/1.2mm M8 Ecu
UB4014-16	Contact Tip 1/16"/1.6mm M8 Ecu
UB4015-12	Contact Tip .045"/1.2mm M8 CuCrZr
UB4015-16	Contact Tip 1/16"/1.6mm M8 CuCrZr

LINERS

STOCK CODE	DESCRIPTION
D UB5033-30	Plain Liner .040"-.045"/1.0-1.2mm x 3mt
UB5033-40	Plain Liner .040"-.045"/1.0-1.2mm x 4mt
UB5033-50	Plain Liner .040"-.045"/1.0-1.2mm x 5mt
UB5034-30*	Plain Liner .045"-1/16"/1.2-1.6mm x 3mt
UB5034-40*	Plain Liner .045"-1/16"/1.2-1.6mm x 4mt
UB5034-50*	Plain Liner .045"-1/16"/1.2-1.6mm x 5mt
UB2513-30	Teflon Liner .040"-.045"/1.0-1.2mm x 3mt
UB2513-40	Teflon Liner .040"-.045"/1.0-1.2mm x 4mt
UB2513-50 T	Teflon Liner .040"-.045"/1.0-1.2mm x 5mt
UB3626-30	Teflon Liner .045"-1/16"/1.2-1.6mm x 3mt
UB3626-40	Teflon Liner .045"-1/16"/1.2-1.6mm x 4mt
UB3626-50	Teflon Liner .045"-1/16"/1.2-1.6mm x 5mt

CABLE ASSEMBLIES

* DENOTES STANDARD BUILD

STOCK CODE	3mt	4mt	5mt	DESCRIPTION
6 UB5008	-30	-40	-50	Outer Liner Assembly
7 UB5013	-30	40	-50	Gas Hose Assembly
8 UB5012	-30	40	-50	Water Inlet Hose Assembly
9 UB5015	-30	-40	-50	Power Cable Assembly
10 UB5010	-30	-40	-50	Switch Lead Assembly
13 UB5019	-30	-40	-50	Canvas Cover Assembly

COMPONENTS

STOCK CODE	DESCRIPTION
1 UB5005B	Diffuser Black
UB5005C*	Diffuser Ceramic
UB5005W	Diffuser White
2 UB5001	Tip Adaptor 25.0mm M8
3 UB5003	Insulating Washer
4 UB5002	Swan Neck
5 UB5024	Water Hose Clamp 9.5mm
11 UB8031	Ball Joint Assembly c/w Clamp
12 UB8032	Spring Cable Support c/w Adaptor
14 UB7594	Pro-Grip® Handle Kit
15 UB2516	Ergo Trigger
16 UB2517	Hanger Hook
17 UB8027	Spring Cable Support
18 UB1522	Cable Terminal Male
19 UB5023	Water Hose Nipple
20 UB5017	Water Outlet Hose O/Braid
21 UB5022 G	un Plug Housing c/w Lock Nut, Hose Supports
22 UB1526 G	un Plug Screw
23 UB1519	Gun Plug Nut c/w Insert
24 UB5017	Pin Assembly
25 UB5098	Gun Plug Body c/w Spring Pins
26 UB1524	Gun Plug "O" Ring
27 UB1525	Liner Nut



FEATURES & BENEFITS

TIG - QUALITY STANDARDS

All torches are rigorously tested using computerised and automated test equipment at the design stage through to production.

All our components pass rigorous quality control checks prior to assembly. All torches are designed to be tough and damage resistant and comply with EN 60974-7.

TORCH HEADS LIGHTWEIGHT AND DURABLE

- Manufactured with high temperature resistant silicone rubber insulation.
- All copper components ensure cooler running temperatures and maximum current capacity.

FRONT END CONSUMABLES EXTENSIVE RANGE

- Front end consumables are manufactured to the highest specifications, and superior performance.

TRIGGER SWITCHES PLUG AND PLAY™ TECHNOLOGY

- Located in a neutral finger position
- 3 Different switch options to suit every application.

CABLE SYSTEMS

- Optimum cable performance and flexibility is guaranteed through the exclusive use of overbraid power cables.
- Switch leads are shielded as standard to ensure minimal interference and maximum machine protection.

A RANGE OF CABLE PLUGS ARE AVAILABLE TO SUIT THE MAJORITY OF MACHINES

TRIGGER SWITCHES PLUG AND PLAY™ TECHNOLOGY

- Located in a neutral finger position
- 3 Different switch options to suit every application.



Integrated digital remote control



Integrated remote control

KNUCKLE JOINT IMPROVED MANOEUVRABILITY

- Positioning of the torch is made easier by the combination of knuckle joints and a flexible leather section that covers the first metre of the torch immediately behind the handle.

PRO HANDLE SYSTEM ERGONOMICALLY SUPERIOR

- Integrated dual soft grips ensure the handle remains in place with minimal grip pressure.





PRO-GRIP® WP17v

AIR COOLED MIG WELDING TORCH

Product Codes: 00042465 (4m with trigger UNlarc ubpro17v-12-2s1b)
00042464 (8m with trigger UNlarc ubpro17v-25-2s1b)



SPECIFICATIONS

COMPONENTS

	STOCK CODE	DESCRIPTION
	10N50	CERAMIC CUP 1/4"/6MM
1	10N50	CERAMIC CUP 1/4"/6MM
1	10N49	CERAMIC CUP 5/16"/8MM
1	10N48	CERAMIC CUP 3/8"/10MM
1	10N47	CERAMIC CUP 7/16"/11MM
1	10N46	CERAMIC CUP 1/2"/13MM
2	10N30	COLLET BODY .040"/1.0MM
2	10N31	COLLET BODY 1/16"/1.6MM
2	10N32	COLLET BODY 3/32"/2.4MM
2	10N28	COLLET BODY 1/8"/3.2MM
3	10N22	STANDARD COLLET .040"/1.0MM
3	10N23	STANDARD COLLET 1/16"/1.6MM
3	10N24	STANDARD COLLET 3/32"/2.4MM
3	10N25	STANDARD COLLET 1/8"/3.2MM
4	18CG	CUP GASKET
5	WP17V	WLD TORCH BODY
6	57Y02	BACK CAP LONG
7	PRO1MS	MOMENTARY SWITCH KIT
8	UB57Y03-2BDL	POWER CABLE 8M
9	PROSWL8	SWITCH LEAD 8M
10	WA17119-BA	NO LOGO PRO-GRIP TIG HANDLE LITTLE
11	ERSP1	HANDLE FIXING SCREW 2.6*8 ST 2.6*8MM
12	PROKJ100	KNUCKLE JOINT - LARGE
13	PROLC100-08	LEATHER COVER X 0.8MT ID22MM*0.8M
14	PROJK100	JOINTING REPAIR KIT
15	PRONC32	NEOPRENE COVERX3.2(10.5FT) ID22MM*OD25MM*L6.61M
16	ERCP28	7 PIN PARWELD/FIMER PLUG





PRO18w v

TIG TORCH UNIARC PROGRIP WP18V 8M WITH TRIGGER UNIARC UBPRO18V-25S1DQ28

Product Code: 00041700

Rating: 200A DC, 150A AC @ 60% Duty Cycle,
EN60974 -7 .020" - 5/32" / 0.5MM TO 4.0MM ELECTRODES



PRO18

PRO18FX

60°

60°

Technical Specification

Weight (Head Only)	7oz 2	00g
Torch Head Length – UBPRO18	2 1/2"	64mm
Torch Head Length – UBPRO18FX	2 1/2"	64mm
Head Thread Size – UBPRO18/18FX	3/8"-32	UNEF

Parts interchangeable with UBPRO17 &
UBPRO17FX, UBPRO26 & BPRO26FX, UBPRO26
& UBPRO26FX

SPECIFICATIONS

STANDARD COLLET

STOCK CODE	DESCRIPTION
A UB10N21	Collet .020"/0.5mm Bore
UB10N22	Collet .040"/1.0mm Bore
UB10N23	Collet 1/16"/1.6mm Bore
UB10N24	Collet 3/32"/2.4mm Bore
UB10N25	Collet 1/8"/3.2mm Bore
UB54N20	Collet 5/32"/4.0mm Bore

STANDARD COLLET BODY

STOCK CODE	DESCRIPTION
B UB10N29	Collet Body .020"/0.5mm Bore
UB10N30	Collet Body .040"/1.0mm Bore
UB10N31	Collet Body 1/16"/1.6mm Bore
UB10N31M	Collet Body 5/64"/2.0mm Bore
UB10N32	Collet Body 3/32"/2.4mm Bore
UB10N28	Collet Body 1/8"/3.2mm Bore
UB406488	Collet Body 5/32"/4.0mm Bore

STANDARD CERAMIC CUP

STOCK CODE	DESCRIPTION
C UB10N50	Ceramic Cup 1/4"/6mm Bore
UB10N49	Ceramic Cup 5/16"/8mm Bore
UB10N48	Ceramic Cup 3/8"/10mm Bore
UB10N47	Ceramic Cup 7/16"/11mm Bore
UB10N46	Ceramic Cup 1/2"/13mm Bore
UB10N45	Ceramic Cup 5/8"/16mm Bore
UB10N44	Ceramic Cup 3/4"/19mm Bore

LONG CERAMIC CUP

STOCK CODE	DESCRIPTION
D UB10N49L	Long Ceramic Cup 5/16"/8mm Bore
UB10N48L	Long Ceramic Cup 3/8"/10mm Bore
UB10N47L	Long Ceramic Cup 7/16"/11mm Bore

STUBBY COLLET

STOCK CODE	DESCRIPTION
E UB10N21S	Stubby Collet .020"/0.5mm Bore
UB10N22S	Stubby Collet .040"/1.0mm Bore
UB10N23S	Stubby Collet 1/16"/1.6mm Bore
UB10N24S	Stubby Collet 3/32"/2.4mm Bore
UB10N25S	Stubby Collet 1/8"/3.2mm Bore

STUBBY COLLET BODY

STOCK CODE	DESCRIPTION
F UB17CB20	Stubby Collet Body .020"-1/8"/0.5-3.2mm Bore

STUBBY CERAMIC CUP

STOCK CODE	DESCRIPTION
G UB13N08	Ceramic Cup 1/4"/6mm Bore
UB13N09	Ceramic Cup 5/16"/8mm Bore
UB13N10	Ceramic Cup 3/8"/10mm Bore
UB13N11	Ceramic Cup 7/16"/11mm Bore
UB13N12	Ceramic Cup 1/2"/13mm Bore
UB13N13	Ceramic Cup 5/8"/16mm Bore

STANDARD GAS LENS BODY

STOCK CODE	DESCRIPTION
H UB45V24	Gas Lens Body .040"/1.0mm Bore
UB45V25	Gas Lens Body 1/16"/1.6mm Bore
UB45V26	Gas Lens Body 3/32"/2.4mm Bore
UB45V27	Gas Lens Body 1/8"/3.2mm Bore
UB45V28	Gas Lens Body 5/32"/4.0mm Bore

STANDARD GAS LENS CUP

STOCK CODE	DESCRIPTION
I UB54N17	Gas Lens Cup 5/16"/8mm Bore
UB54N16	Gas Lens Cup 3/8"/10mm Bore
UB54N15	Gas Lens Cup 7/16"/11mm Bore
UB54N14	Gas Lens Cup 1/2"/13mm Bore
UB54N19	Gas Lens Cup 1 1/16"/18mm Bore

LONG GAS LENS CUP

STOCK CODE	DESCRIPTION
J UB54N17L	Long Gas Lens Cup 5/16"/8mm Bore
UB54N16L	Long Gas Lens Cup 3/8"/10mm Bore
UB54N15L	Long Gas Lens Cup 7/16"/11mm Bore

LARGE DIAMETER GAS LENS BODY

STOCK CODE	DESCRIPTION
K UB45V116	Large Diameter Gas Lens Body 1/16"/1.6mm Bore
UB45V64	Large Diameter Gas Lens Body 3/32"/2.4mm Bore
UB995795	Large Diameter Gas Lens Body 1/8"/3.2mm Bore

LARGE DIAMETER GAS LENS CUP

STOCK CODE	DESCRIPTION
L UB57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
UB57N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
UB53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

COMPONENTS

STOCK CODE	DESCRIPTION
1 UB18CG	Cup Gasket
2 UB18CG20	Cup Gasket (For Stubby Collet Body)
3 UB54N01	Gas Lens Insulator (Use with 18CG)
4 UB54N63	Insulator Large Diameter Gas Lens (Use with 18CG)
5 UBPRO18FX	Torch Head Flexible
6 UBPRO18	Torch Head including Cup Gasket
7 UB98W18	Back Cap 'O' Ring
8 UBPRO57Y02	Pro-Grip® Back Cap Long
9 UBPRO57Y04	Pro-Grip® Back Cap Short
10 UBPRO1MS	Momentary Switch Kit (Fitted as standard)
11 UBPROSWL4	Switch Lead x 4m (12.5ft)
UBPROSWL8	Switch Lead x 8m (25ft)
12 UBPROH200	PRO-GRIP® TIG Handle Large
13 UBPROSP	Screw Pack
14 UBPROKJ200	Knuckle Joint c/w Lock Nut
15 UBPROLC 200-08	Leather Cover x .8m (2.6ft)
16 UBPROCO 200-40	Complete Cover Assembly x 4m (12.5ft)
UBPROCO 200-80	Complete Cover Assembly x 8m (25ft)
17 UBPRONC32	Neoprene Cover x 3.2m (10.5ft)
UBPRONC72	Neoprene Cover x 7.2m (23.6ft)
18 UBPROJK200	Jointing Repair Kit
19 UBB5024	Water Hose Clamp 9.5mm Bore

ALTERNATIVE TORCH TERMINATIONS AVAILABLE



PRO26v

AIR COOLED PRO-GRIP® TIG WELDING TORCH - WITH TRIGGER

Product Code: 00041699

Rating: 200A DC, 150A AC @ 60% Duty Cycle,
EN60974 - 7 .020" - 5/32" / 0.5MM TO 4.0MM ELECTRODES



PRO26

PRO26F X

Technical Specification

Weight (Head Only)	10oz 2	83g
Torch Head Length - UBPRO26	2 3/4" 7	1mm
Torch Head Length - UBPRO26FX	2 3/4" 7	1mm
Head Thread Size - UBPRO26/26FX	3/8"-32	UNE F

Air Cooled PRO-GRIP®
Tig Welding Torch

SPECIFICATIONS

STANDARD COLLET

STOCK CODE	DESCRIPTION
A UB10N21	Collet .020"/0.5mm Bore
UB10N22	Collet .040"/1.0mm Bore
UB10N23	Collet 1/16"/1.6mm Bore
UB10N24	Collet 3/32"/2.4mm Bore
UB10N25	Collet 1/8"/3.2mm Bore
UB54N20	Collet 5/32"/4.0mm Bore

STANDARD COLLET BODY

STOCK CODE	DESCRIPTION
B UB10N29	Collet Body .020"/0.5mm Bore
UB10N30	Collet Body .040"/1.0mm Bore
UB10N31	Collet Body 1/16"/1.6mm Bore
UB10N32	Collet Body 3/32"/2.4mm Bore
UB10N28	Collet Body 1/8"/3.2mm Bore
UB406488	Collet Body 5/32"/4.0mm Bore

STANDARD CERAMIC CUP

STOCK CODE	DESCRIPTION
C UB10N50	Ceramic Cup 1/4"/6mm Bore
UB10N49	Ceramic Cup 5/16"/8mm Bore
UB10N48	Ceramic Cup 3/8"/10mm Bore
UB10N47	Ceramic Cup 7/16"/11mm Bore
UB10N46	Ceramic Cup 1/2"/13mm Bore
UB10N45	Ceramic Cup 5/8"/16mm Bore
UB10N44	Ceramic Cup 3/4"/19mm Bore

LONG CERAMIC CUP

STOCK CODE	DESCRIPTION
D UB10N49L	Long Ceramic Cup 5/16"/8mm Bore
UB10N48L	Long Ceramic Cup 3/8"/10mm Bore
UB10N47L	Long Ceramic Cup 7/16"/11mm Bore

STUBBY COLLET

STOCK CODE	DESCRIPTION
E UB10N21S	Stubby Collet .020"/0.5mm Bore
UB10N22S	Stubby Collet .040"/1.0mm Bore
UB10N23S	Stubby Collet 1/16"/1.6mm Bore
UB10N24S	Stubby Collet 3/32"/2.4mm Bore
UB10N25S	Stubby Collet 1/8"/3.2mm Bore

STUBBY COLLET BODY

STOCK CODE	DESCRIPTION
F UB17CB20	Stubby Collet Body .020"-1/8"/0.5-3.2mm Bore

STUBBY CERAMIC CUP

STOCK CODE	DESCRIPTION
G UB13N08	Ceramic Cup 1/4"/6mm Bore
UB13N09	Ceramic Cup 5/16"/8mm Bore
UB13N10	Ceramic Cup 3/8"/10mm Bore
UB13N11	Ceramic Cup 7/16"/11mm Bore
UB13N12	Ceramic Cup 1/2"/13mm Bore
UB13N13	Ceramic Cup 5/8"/16mm Bore

STANDARD GAS LENS BODY

STOCK CODE	DESCRIPTION
H UB45V29	Gas Lens Body .020"/0.5mm Bore
UB45V24	Gas Lens Body .040"/1.0mm Bore
UB45V25	Gas Lens Body 1/16"/1.6mm Bore
UB45V26	Gas Lens Body 3/32"/2.4mm Bore
UB45V27	Gas Lens Body 1/8"/3.2mm Bore

STANDARD GAS LENS CUP

STOCK CODE	DESCRIPTION
I UB54N17	Gas Lens Cup 5/16"/8mm Bore
UB54N16	Gas Lens Cup 3/8"/10mm Bore
UB54N15	Gas Lens Cup 7/16"/11mm Bore
UB54N14	Gas Lens Cup 1/2"/13mm Bore
UB54N19	Gas Lens Cup 1 1/16"/18mm Bore

LONG GAS LENS CUP

STOCK CODE	DESCRIPTION
J UB54N17L	Long Gas Lens Cup 5/16"/8mm Bore
UB54N16L	Long Gas Lens Cup 3/8"/10mm Bore
UB54N15L	Long Gas Lens Cup 7/16"/11mm Bore

LARGE DIAMETER GAS LENS BODY

STOCK CODE	DESCRIPTION
K UB54N17L	Long Gas Lens Cup 5/16"/8mm Bore
UB54N16L	Long Gas Lens Cup 3/8"/10mm Bore
UB54N15L	Long Gas Lens Cup 7/16"/11mm Bore

LARGE DIAMETER GAS LENS CUP

STOCK CODE	DESCRIPTION
L UB57N75	Large Diameter Gas Lens Cup 3/8"/10mm Bore
UB7N74	Large Diameter Gas Lens Cup 1/2"/13mm Bore
UB53N88	Large Diameter Gas Lens Cup 5/8"/16mm Bore
UB53N87	Large Diameter Gas Lens Cup 3/4"/19mm Bore

COMPONENTS

STOCK CODE	DESCRIPTION
1 UB18CG	Cup Gasket
2 UB18CG20	Cup Gasket for stubby collet body
3 UB54N01	Gas Lens Insulator (Use with 18CG)
4 UB54N63	Insulator Large Diameter Gas Lens (Use with 18CG)
5 UBPRO26 FX T	orch Body Flexible
6 UBPRO26	Torch Body
7 UB98W18	Back Cap 'O' Ring
8 UBPRO5 7Y02	Pro-Grip® Back Cap Long
9 UBPRO5 7Y04	Pro-Grip® Back Cap Short
10 UBPRO1MS	Momentary Switch Kit (Fitted as standard)
11 UBPROSWL4	Switch Lead x 4m (12.5ft)
UBPROSWL8	Switch Lead x 8m (25ft)
12 UBPROH 200	Pro-Grip® TIG Handle Large
13 UBPROSP	Screw Pack
14 UBPROKJ 200	Knuckle Joint c/w Lock Nut
15 UBPROLC 200-08	Leather Cover x .8m (2.6ft)
16 UBPROCO 200-40	Complete Cover Assembly x 4m (12.5ft)
UBPROCO 200-80	Complete Cover Assembly x 8m (25ft)
17 UBPRONC32	Neoprene Cover x 3.2m (10.5ft)
UBPRONC72	Neoprene Cover x 7.2m (23.6ft)
18 UBPROJK200	Joining Repair Kit

ALTERNATIVE TORCH TERMINATIONS AVAILABLE

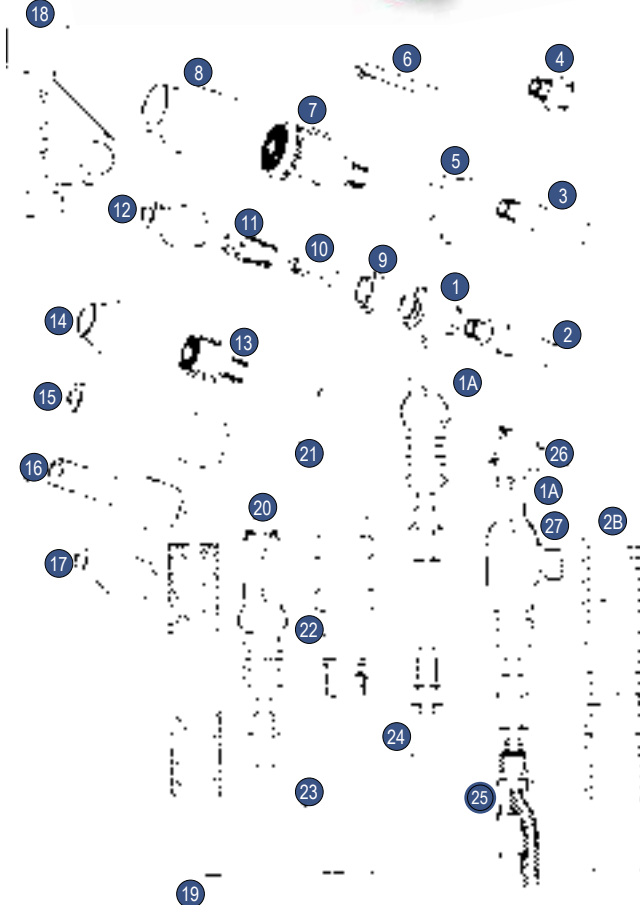

WELD
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Weldcraft® A-125

FORMERLY WP-9 SERIES



- Accessory Kit - AK-1, AK-1A
- Cable Covers WC-3-10, WC-3-22
- Extension Kit - EK-2-25-R
- Hook Up Kit - HK-2, HK-3, QHK-2 (QCS)
- Quick Connect Add Q In Front Of Torch Package or Cable #



COMPONENTS

Item No.	Stock No.	Description
1	WP-9	Torch body, includes cup gasket (70°)
1A	9-4	Insert
2	41V24	Long back cap, includes 98W77 O-ring
3	41V35	Medium back cap, includes 98W77 O-ring
4	41V33	Short back cap, includes 98W77 O-ring
5	54N63-20	Lg. diameter gas lens insulator
6	-	Lg. diameter gas lens collet (See chart A)
7	-	Lg. Diameter gas lens (See chart A)
8	-	Lg. Diameter gas lens nozzle (See chart B)
9	598882	Cup gasket
10	-	Collet (See chart A)
11	-	Collet body (See chart A)
12	-	Alumina nozzle (See chart B)
13	-	Gas lens (See chart A)
14	-	Alumina gas lens nozzle (See chart B)
15	-	Extra long lava nozzle (See chart B)
16	-	Long lava nozzle (See chart B)
17	-	Lava nozzle (See chart B)
18	105Z57	Power cable adapter
19	H-100	Handle (smooth, standard on WP-9P)
20	9P	Pencil torch body, includes cup gasket (180°)
21	V-92-1	Front handle
22	V-92-2	Valve body Not sold separately
23	V-92-3	Rear handle
	V-92	Valve assy. Includes items 21, 22, 23
24	-	Power cable - 1 piece
		57Y01 12 1 / 2 ft. (3.8m) vinyl
		57Y03 25 ft. (7.6m) vinyl
		57Y01R 12 1 / 2 ft. (3.8m) rubber
		57Y03R 25 ft. (7.6m) rubber
25	-	Power cable - 2 piece Gas hose only
		57Y01-2 121 / 2 ft. (3.8m) 45V09R
		57Y03-2 25 ft. (7.6m) 45V10R
26	WP-9V	Valve torch body, includes cup gasket and valve stem (70°)
27	VS-2	Valve stem, includes 98W77 O-ring
28	H-100R	Handle (ribbed, standard on WP-9V, 9)
		Cable Repair Kits
	ZCRK17	One-piece power cable repair kit
	ZCRK17-2	Two-piece power cable repair kit

CHART A

COLLETS - COLLET BODIES - GAS LENS				
ELECTRODE DIAMETER	.020 (5MM)	.04 (1.0mm)	1/16 (1.6MM)	1/16 (1.6mm)
COLLET	13N20	13N21	13N22	13N23
COLLET BODY	13N25	13N26	13N27	13N28
GAS LENS	45V41	45V42	45V43	45V44
LG. DIA GAS LENS COLLET	13N20L	13N21L	13N22L	13N23L
LG. DIA GAS LENS	45V0204S	45V0204S	45V116S	45V64S

CHART B

GAS NOZZLES- HPN - HIGH PERFORMANCE NOZZLES AVAILABLE									
SIZE	3	4	5	6	7	8	10	12	SHORT
ALUMINA	-	13N08	13N09	13N10	13N11	13N12	13N13	-	-
ALUMINA GAS LENS	-	53N58	53N59	53N60	53N61	53N61S	-	-	-
LG. DIA GAS LENS NOZZLE	-	-	-	57N75	-	57N74	53N88	53N87	53N89*
LAVA	-	13N14	13N15	13N16	13N17	13N18	13N19	-	-
LONG** LAVA	796F70	796F71	796F72	796F73	-	-	-	-	-
EX LONG LAVA	796F71	796F75	796F76	796F77	-	-	-	-	-

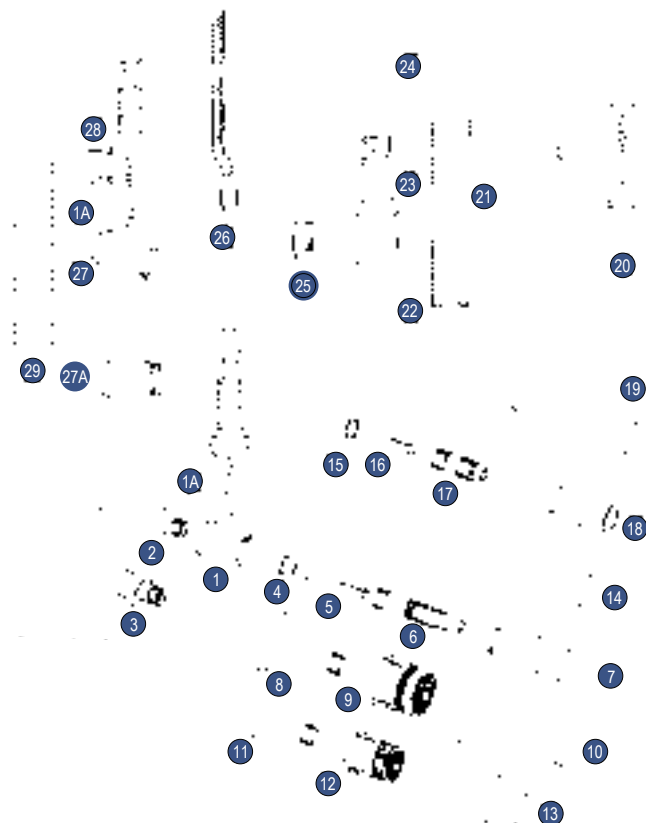
**Also available in Alumina. Example: A796F70.


**WELD
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Weldcraft® A-150

FORMERLY WP-17 SERIES

It is recommended that this torch be used with original Weldcraft power cables only. Use of non-Weldcraft power cables will void the warranty and may result in low performance or failure of the torch.



COMPONENTS

Item No.	Stock No.	Description
1	WP-17	Torch body, includes cup gasket (70°)
1A	18-7	Insert
2	57Y02	Long back cap, includes 98W18 O-ring
3	57Y04	Short back cap, includes 98W18 O-ring
4	18CG	Cup gasket
5	-	Collet (See chart A)
6	-	Collet body (See chart A)
7	-	Alumina nozzle (See chart B)
8	54N63	Lg. Diameter gas lens insulator
9	-	Lg. Diameter gas lens (See chart A)
10	-	Lg. Diameter gas lens nozzle (See chart B)
11	54N01	Gas lens insulator
12	-	Gas lens (See chart A)
13	-	Alumina gas lens nozzle (See chart B)
14	-	Lava nozzle (See chart B)
15	18CG20	Stubby gasket
16	-	Stubby collet (See chart A)
17	17CB20	Stubby collet body (See chart A)
18	-	Stubby alumina nozzle (See chart A)
19	-	Long lava nozzle (See chart B)
20	105Z57	Power cable adapter
21	H-100	Handle (smooth, optional)
22	V-92-1	Front handle
23	V-92-2	Valve body
24	V-92-3	Rear handle
	V-92	Valve assy. Includes items 22, 23, 24
		Power cable - 1 piece
		57Y01 12 1/2 ft. (3.8m) vinyl
		57Y03 25ft. (7.6m) vinyl
		57Y01R 12 1/2 ft. (3.8m) rubber
		57Y03 25ft. (7.6m) rubber
26	-	Power cable - 2 piece
		57Y01-2 12 ft. (3.8m)
		57Y03-2 25 ft. (7.6m)
27	WP-17V	Torch body, includes cup gasket and Valve stem (70°)
27A	WP-17VN	Torch body, same as WP-17V, with 90° head
28	VS-2	Valve stem, includes 98W77 O-ring
29	H-100R	Handle (ribbed, standard)
		Cable Repair Kits
	ZCRK17	One-piece power cable repair kit
	ZCRK17-2	Two-piece power cable repair kit

CHART A

COLLETS - COLLET BODIES - GAS LENS						
ELECTRODE DIAMETER	.020 (.5MM)	.04 (1.0mm)	1/16 (1.6MM)	3/32 (2.4mm)	1/8 (3.2mm)	5/32 (4.0mm)
COLLET	10N21	10N22	10N23	10N24	10N24	45N20
COLLET BODY	10N29	10N30	10N31	10N32	10N28	406488
GAS LENS	45V29	45V24	45V25	45V26	45V27	45V28
LG. DIA GAS LENS COLLET	45V0204	45V0204	45V116	45V64	995795	45V63
STUBBY COLLET	-	10N22S	10N23S	10N24S	10N25S	-
STUBBY COLLET BODY	-	17CB20	17CB20	17CB20	17CB20	--

CHART B

GAS NOZZLES- HPN - HIGH PERFORMANCE NOZZLES AVAILABLE								
SIZE	4	5	6	7	8	10	12	SHORT
ALUMINA	10N50	10N49	10N48	10N47	10N46	10N45	10N44	-
ALUMINA GAS LENS	54N18	54N17	54N16	54N15	54N14	-	-	54N19
LG. DIA GAS LENS	-	-	57N75	-	57N74	53N88	53N87	53N89
#10 NOZZLE								
LONG ALUMINA	-	10N49L	10N48L	10N47L	-	-	-	-
LONG GAS LENS	-	54N17L	54N16L	54N15L	-	-	-	-
LAVA	105Z43	105Z42	105Z44	105Z45	08N78	08N79	08N80	-
LONG LAVA	12N03	105Z60	12N02	105Z61	-	-	-	-
STUBBY ALUMINA	13N08	13N09	13N10	13N11	13N12	13N13	-	-


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Weldcraft® A-200

FORMERLY WP-26 SERIES



- Accessory Kit - AK-3
- Cable Covers - WC-3- 10, WC-3-22
- Extension Kit - Not Available
- Hook-up Kit - HK-2, HK- 3, OHK-2 (QCS)
- Quick Connect - Add Q In front of Torch Package or Cable #

COMPONENTS

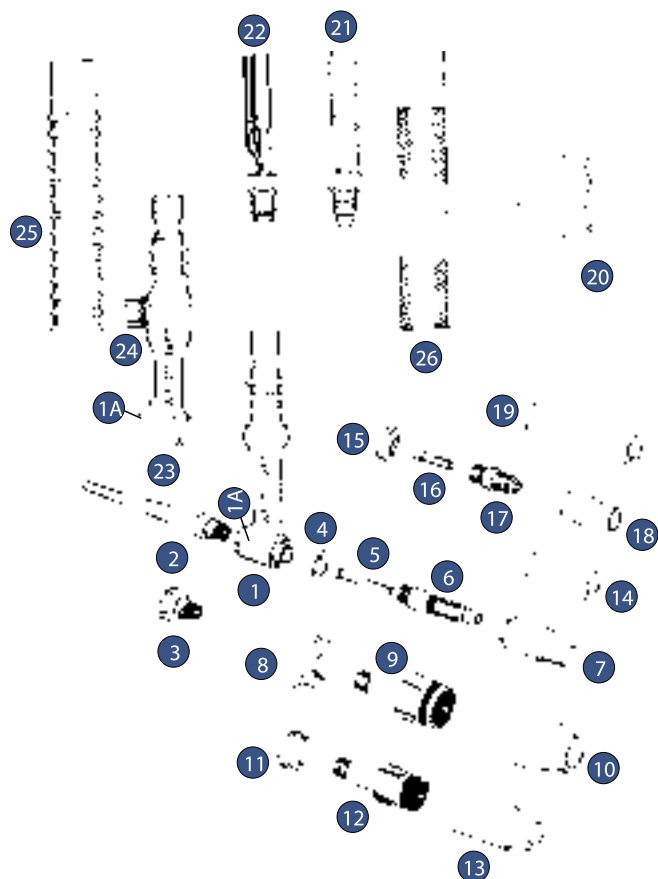
Item No.	Stock No.	Description
2	WP-26	Torch body, includes cup gasket (70°)
3	18-7	Insert
4	57Y02	Long back cap, includes 98W18 O-ring
5	57Y04	Short back cap, includes 98W18 O-ring
6	18CG	Cup gasket
7	-	Collet (See chart A)
8	-	Collet body (See chart A)
9	-	Alumina nozzle (See chart B)
10	54N63	Large diameter gas lens insulator
11	-	Large diameter gas lens (see chart A)
12	-	Large Diameter gas lens nozzle (See chart B)
13	54N01	Gas lens insulator
14	-	Gas lens (See chart A)
15	-	Alumina gas lens nozzle (See chart B)
16	-	Lava nozzle (See chart B)
17	18CG20	Stubby gasket
18	-	Stubby alumina nozzle (See chart B)
19	-	Long lava nozzle (See chart B)
20	45V62	Power cable adapter
21	-	Power cable - 1 piece rubber
		46V28R 12½ ft. (3.8m)
		46V30R 25 ft. (7.6m)
22	-	Power cable - 2 piece Gas hose only
		46V28-2 12½ ft. (3.8m) 40V75R
		46V30-2 25 ft. (7.6m) 41V30R
23	WP-26V	Valve torch body, includes cup gasket and valve stem (70°)
24	VS-1	Valve stem, includes 98W77 O-ring
25	H-200R	Handle (ribbed standard)
26	H-200	Handle (smooth, optional)
		Cable Repair Kits
	ZCRK26	One-piece power cable repair kit
	ZCRK26-2	Two-piece power cable repair kit

CHART A

COLLETS - COLLET BODIES - GAS LENS							
ELECTRODE DIAMETER	.020 (.5MM)	.04 (1.0mm)	1/16 (1.6MM)	3/32 (2.4mm)	1/8 (3.2mm)	5/32 (4.0mm)	
COLLET	10N21	10N22	10N23	10N24	10N25	54N20	
COLLET BODY	10N29	10N30	10N31	10N32	10N28	406488	
GAS LENS	45V29	45V24	45V25	45V26	45V27	45V28	
LG. DIA GAS LENS COLLET	45V0204	45V0204	45V116	45V64	995795	45V63	
STUBBY COLLET	-	10N22S	10N23S	10N24S	10N25S	-	
STUBBY COLLET BODY	-	17CB20	17CB20	17CB20	17CB20	-	

CHART B

GAS NOZZLES- HPN - HIGH PERFORMANCE NOZZLES AVAILABLE								
SIZE	4	5	6	7	8	10	12	SHORT
ALUMINA	10N50	10N49	10N48	10N47	10N46	10N45	10N44	-
ALUMINA GAS LENS	54N18	54N17	54N16	54N15	54N14	-	-	54N19
LG. DIA GAS LENS	-	-	57N75	-	57N74	53N88	53N8	53N89
LONG ALUMINA	-	10N49L	10N48L	10N47L	-	-	-	-
LONG GAS LENS	-	54N17L	54N16L	54N15L	-	-	-	-
LAVA	105Z43	105Z42	105Z44	105Z45	08N78	08N79	08N80	-
LONG LAVA	12N03	105Z60	12N02	105Z61	-	-	-	-
STUBBY ALUMINA	13N08	13N09	13N10	13N11	13N12	13N13	-	-




WELD
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Weldcraft® W-250

FORMERLY WP-20 SERIES



- Accessory Kit - AK-4, AK-4A (20P25)
- Cable Covers WC-3-10, WC-3-22
- Extension Kit - EK-1-25
- Hook Up Kit - HK-1, QHK-1 (QCS)
- Quick Connect Add Q In Front Of Torch Package or Cable #

COMPONENTS

Item No.	Stock No.	Description
1	WP-20	Torch body, includes cup gasket (70)
1A	WP-20N	Torch body, same as WP-20, with 90° head
1B	9-4	Insert
2	41V24	Long back cap, includes 98W77 O-ring
3	41V35	Medium back cap, includes 98W77 O-ring
4	41V33	Short back cap, includes 98W77 O-ring
5	598882	Cup gasket
6	-	Collet (See chart A)
7	-	Collet body (See chart A)
8	-	Extra long lava nozzle (See chart B)
9	-	Long lava nozzle (See chart B)
10	54N01	Alumina nozzle (See chart B)
11	-	Lava nozzle (See chart B)
12	54N63-20	Lg. Diameter gas lens insulator
13	-	Lg. Diameter gas lens collet (See chart A)
14	-	Lg. Diameter gas lens (See chart A)
15	-	Lg. Diameter gas lens nozzle (See chart B)
16	-	Gas lens (See chart A)
17	-	Alumina gas lens nozzle (See chart B)
18	53N06R	Handle (ribbed, optional)
19	WP-25	Flexible torch body, includes cup gasket
20	53N04	Hose clamp
21	-	Gas hose
	-	45V09 12 2 ft. (3.8m), 45V09R
	-	45V10 25 ft. (7.6m), 45V10R
22	-	Power Cable
	-	45V03 12 1/2 ft. (3.8m), 45V03R, 45V03HD
	-	45V04 25 ft. (7.6m), 45V04R, 45V04HD
23	-	Water hose
	-	45V08 25 ft. (7.6m), 45V08R, 45V08HD
	-	45V08 25 ft. (7.6m), 45V08R, 45V08HD
24	WP-20P	Pencil torch body, includes cup gasket
25	53N06	Handle (smooth, standard)
26	45V11	Power cable adapter
	-	Cable Repair Kits
	ZCRK20	Power cable repair kit
	ZHRKG20	Gas hose repair kit
	ZHRKW20	Water hose repair kit

CHART A

COLLETS - COLLET BODIES - GAS LENS					
ELECTRODE DIAMETER	.020	.04	1/16	3/32	1/8
	(.5MM)	(1.0mm)	(1.6MM)	(2.4mm)	(3.2mm)
COLLET	13N20	13N21	13N22	13N23	13N24
COLLET BODY	13N25	13N26	13N27	13N28	13N29
GAS LENS	45V41	45V42	45V43	45V44	45V45
L.G. DIA GAS LENS COLLET *#8	13N20L	13N21L	13N22L	13N23L	13N24L
L.G. DIA GAS LENS *#9	45V0204S	45V0204S	45V116S	45V64S	995795S

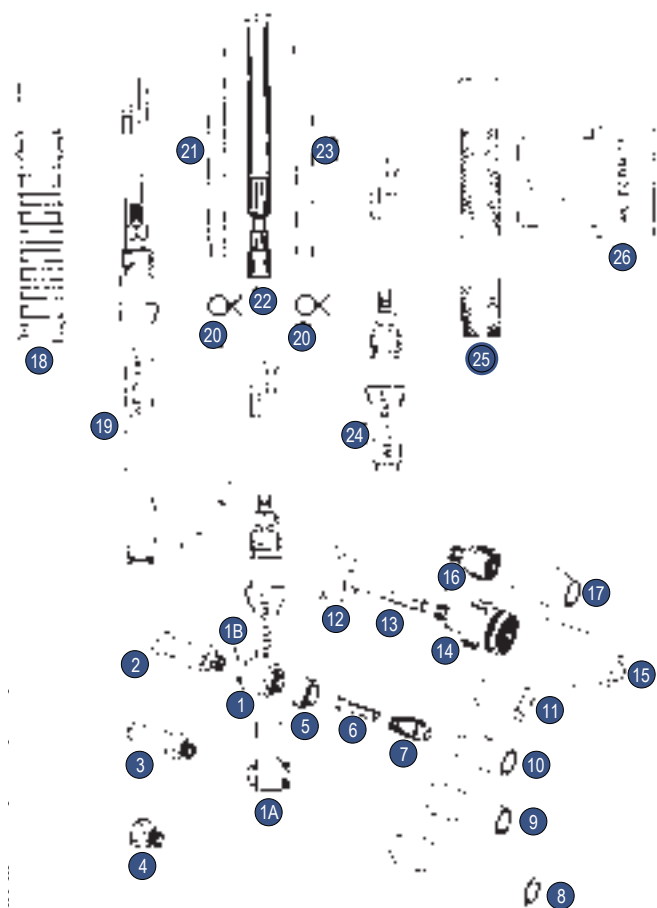
Water cooled torches require cooling water flow of 1 quart (.94 liter) to 1 1/2 quarts (1.4 liters) per minute at a maximum of 50 PSI pressure.

CHART B

GAS NOZZLES* HPN - HIGH PERFORMANCE NOZZLES AVAILABLE									
SIZE	3	4	5	6	7	8	10	12	SHORT
ALUMINA	-	13N08	13N09	13N10	13N11	13N12	13N13	-	-
ALUMINA GAS LENS	-	53N58	53N59	53N60	53N61	63N61S	-	-	-
L.G. DIA GAS LENS #10	-	-	57N75	-	57N74	53N88	53N87	53N89*	-
LAVA	-	13N14	13N15	13N16	13N17	13N18	13N19	-	-
LONG** LAVA	796F70	796F71	796F72	796F73	-	-	-	-	-
EX LONG LAVA	796F74	796F75	796F76	796F77	-	-	-	-	-

**Also available in Alumina. Example: A796F70.

*# Nozzle

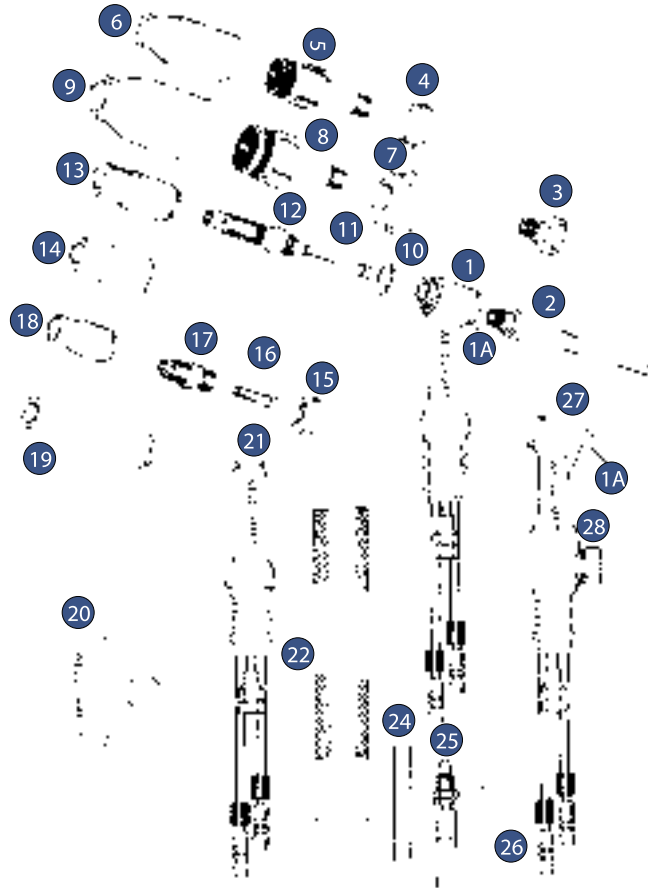



WELD
CRAFT

Weldcraft® W-350

FORMERLY WP-18 SERIES

- 350AMPS
- Water Cooled
- Accessory Kit - AK-3
- Cable Covers WE-3-10, WC-3-22
- Extension Kit - EK-1-25
- Hook Up Kit - HK-1, QHK-1 (QCS)
- Quick Connect Add Q In Front Of Torch Package Or Cable #



COMPONENTS

Item No.	Stock No.	Description
1	18	Torch body, includes cup gasket (70°)
1A	18-7	Insert
2	57Y02	Long back cap, includes 98W18 O-ring
3	57Y04	Short back cap, includes 98W18 O-ring
4	54N01	Gas lens insulator
5	-	Gas lens (See chart A)
6	-	Alumina gas lens nozzle (See chart B)
7	54N63	Lg. Diameter gas lens insulator
8	-	Lg. Diameter gas lens (See chart A)
9	-	Lg. Diameter gas lens nozzle (See chart B)
10	18CG	Cup gasket
11	-	Collet (See chart A)
12	-	Collet body (See chart A)
13	-	Alumina nozzle (See chart B)
14	-	Lava nozzle (See chart B)
15	18CG20	Stubby gasket
16	-	Stubby collet (See chart A)
17	17CB20	Stubby collet body (See chart A)
18	-	Stubby alumina nozzle (See chart A)
19	-	Long lava nozzle (See chart B)
20	45V11	Power cable adapter
21	WP-18SP	Pencil torch body, includes cup gasket
22	H-200	Handle (smooth, standard on WP-18, 18SP)
24	-	Water Hose
		40V74 12' ft. (3.8m), 40V74R
		41V32 25 ft. (7.6m), 41V32R
25	-	Power cable
		40V64 12' ft. (3.8m), 40V64R
		41V29 25 ft. (7.6m), 41V29R
26	-	Gas Hose
		40V75 12' ft. (3.8m), 40V75R18
		41V30 25 ft. (7.6m), 41V30R18
27	WP-18V	Valve torch body, includes cup gasket and valve stem (70°)
28	VS-2	Valve stem, includes 98W77 a-ring
		Cable Repair Kits
	ZCRK18	Power cable repair kit
	ZHRKG18	Gas hose repair kit
	ZHRKW18	Water hose repair kit

CHART A

COLLETS - COLLET BODIES - GAS LENS						
ELECTRODE DIAMETER	.020	.040	1/16	3/32	1/8	5/32
	(.5MM)	(1.0mm)	(1.6MM)	(2.4mm)	(3.2mm)	(4.0mm)
COLLET	10N21	10N22	10N23	10N24	10N25	54N20
COLLET BODY	10N29	10N30	10N31	10N32	10N28	406488
GAS LENS	45V29	45V24	45V25	45V26	45V27	45V28
LG. DIA GAS LENS COLLET	45V0204	5V0204	45V116	45V64	995795	45V63
STUBBY COLLET	-	10N22S	10N23S	10N24S	10N25S	-
Stubby Collet Body	-	17CB20	17CB20	17CB20	17CB20	-

Water Cooled torches require 1-1.5L @ 50PSI

CHART B

GAS NOZZLES* HPN - HIGH PERFORMANCE NOZZLES AVAILABLE							
SIZE	4	5	6	7	8	10	12 SHORT
ALUMINA	0N50	10N49	10N48	10N47	10N46	10N45	10N44 -
ALUMINA GAS LENS	54N18	54N17	54N16	54N15	54N14	-	54N19
LG. DIA GAS LENS	-	-	57N75	-	57N74	53N88	53N87 53N89
#10 NOZZLE							
LONG ALUMINA	-	10N49L	10N48L	10N47L	-	-	-
LONG GAS LENS	-	54N17L	54N16L	54N15L	-	-	-
LAVA	105Z43	105Z42	105Z44	105Z45	08N78	08N79	08N80 -
LONG LAVA	12N03	105Z60	12N02	105Z61	-	-	-
STUBBY ALUMINA	13N08	13N09	13N10	13N11	13N12	13N13	-

*# Nozzle



120

WELDING ACCESSORIES

WELDING HELMETS



FLIP FRONT WELDING HELMET

MODEL	PRODUCT CODE	PACKING
UNIARC FLIP FRONT HEAVY DUTY SH-10	00037104	Each

MONKEY SHIELDS



MODEL	PRODUCT CODES	TYPE	PACKING
UNI-MFS	16262	Solid	Each
UNI-MFF	16263	Flip Front	Each

SPARE LENSES

Spare lenses are available for selected helmets



MODEL	PRODUCT CODES	TYPE
SWL-JLAB01#4	27029	SPARE LENSES #4
SWL-JLAB10	27023	SPARE LENSES #10
SWL-JLAB11	27025	SPARE LENSES #11
SWL-JLAB12	27028	SPARE LENSES #12
SWL-JLAB1000H	27000	SPARE LENSES 1000HOUR

WELDING SCREENS



- Non standard sizes made to order
- Strip curtain available on request

MODEL	PRODUCT CODES	SIZE (mxm)	COLOUR
WSCREEN-2X3	27242	2 x 3	Yellow
WSCREEN-2X2	24248	2 x 2	Yellow

FIBREGLASS WELDING BLANKET

MODEL	PRODUCT CODES	SIZE (mxm)	PACKING
GLASS-001	27232	Welding blanket	3m x 3m
GLASS-002	27228	Welding blanket	2m x 2m
GLASS-003	27229	Welding blanket	2m x 3m
GLASS-004	27227	Welding blanket	1m x 50m roll



GOUGING CARBONS

JOINTED &
NON-JOINTED



MODEL	
GOUG 6.5 x 305	Non-Jointed
GOUG 8 x 305	Non-Jointed
GOUG 9.5 x 305	Non-Jointed
GOUG 9.5 x 355	Jointed
GOUG 13 x 355	Jointed

TUNGSTEN GRINDER AND ELECTRODES

ALL TYPES AVAILABLE



MODEL	PRODUCT CODES	TYPE
TUNGSTEN GRINDER	7388	TUNGSTEN GRINDER
TIG TTH1.6X150	26010	TUNGSTEN ELECTRODES 1.6 THORIATED 1.6X150
TIG TTH3.2X150	26011	TUNGSTEN ELECTRODES 3.2 THORIATED 3.2X150
TIG TTH2.4X150	26013	TUNGSTEN ELECTRODES 2.4 THORIATED 2.4X150
TIG 8W1.6X150	26020	TUNGSTEN ELECTRODES 1.6 ZIRCONIATED 1.6X150
TIG 8W2.4X150	23012	TUNGSTEN ELECTRODES 2.4 ZIRCONIATED 2.4X150
TIG 8W3.2X150	21182	TUNGSTEN ELECTRODES 3.2 ZIRCONIATED 3.2X150
TIG 8W4.8X150	31361	TUNGSTEN ELECTRODES 4.8 ZIRCONIATED 4.8X150

ELECTRODE HOLDERS

OPTIMUS STYLE



PRODUCT CODES	
UNI-EH-300A	19656 Optimus Style 300A
UNI-EH-400A	19659 Optimus Style 400A
UNI-EH-600A	19662 Optimus Style 600A

Heavy duty industrial type electrode holder
AVAILABLE IN: 400 an 600 Amp

GOUGING TORCHES

Spares Available



Model	GOUG-K4000	GOUG-K5000	ARC AIR GOUGING CARBONS	SIZE
Product Codes	19231	16232	AGC 5/32 x 12"	4mm (5/32")
Type	K4000	K5000	AGC 3/16 x 12"	5mm (3/16")
Cable Length	4m	4m	AGC 1/4 x 12"	6mm (1/4")
Packing	Each	Each	AGC 5/16 x 12"	8mm (5/16")
			AGC 3/8 x 12"	10mm (3/8")
			AGC 1/2 x 12"	13mm (1/2")
			AGC 5/8 x 12"	16mm (5/8")

WELDING CABLES

OPTIMUS STYLE

PRODUCT CODES	COLOUR OF PVC	CONDUCTOR AREA	AMPS
WC-16MMA	GREEN	16mm ²	175A @ 60% DUTY CYCLE
WC-25MMA	BLUE	25mm ²	230A @ 60% DUTY CYCLE
WC-35MMA	GREY	35mm ²	290A @ 60% DUTY CYCLE
WC-50MMA	RED	50mm ²	370A @ 60% DUTY CYCLE
WC-70MMA	BROWN	70mm ²	460A @ 60% DUTY CYCLE
WC-95MMA	YELLOW	95mm ²	560A @ 60% DUTY CYCLE
WC-120MMABLK	BLACK	120mm ²	650A @ 60% DUTY CYCLE

CURRENT RATING / DUTY CYCLE

50mm² cable has a 255 Amp rating @ 100% duty cycle. If the duty cycle is rated @ 40%

$$255 \times \sqrt{\frac{100}{40}} = 403.2 \text{ Amps for 5 mins}$$



EARTH CLAMPS

Suitable for use up to 400/600 Amps at 60% duty cycle



EARTH CLAMPS	PRODUCT CODES		
UNI-WEC-200A	20275	CROCODILE TYPE	200A
UNI-WEC-300A	21239	CROCODILE TYPE	300A
UNI-WEC-400A	21644	CROCODILE TYPE	400A
UNI-WEC-500A	21648	CROCODILE TYPE	500A
UNI-WEC-300A	35342	G-TYPE BRASS	300A
UNI-WEC-G500A	21646	G-TYPE BRASS	500A
UNI-WEC-G500A-1	21647	G-TYPE BRASS (SIDE INLET)	500A
UNI-WEC-1500AR	21638	ROTATING	1500A

CABLE CONNECTORS



MODEL	PRODUCT CODES	Type
UNI-CCM-10-25	21232	MALE 10-25mm 60%
UNI-CCM-35-50	2133	MALE 35-50mm 60%
UNI-CCM-50-70	2134	MALE 50-70mm 60%
UNI-CCF-10-25	21230	FEMALE 10-25mm 60%
UNI-CCF-35-50	21231	FEMALE 35-50mm 60%
UNI-CCF-50-70	23054	FEMALE 50-70mm 60%

WELDER'S CHIPPING HAMMER

With comfortable spring handle, chisel and point end.



MODEL	PRODUCT CODE	TYPE	PACKING
GAS-2001	6118	CHIPPING HAMMER	Each

WELDER'S WIRE BRUSH

Carbon steel or stainless steel.
Wooden handle (Plastic handle also available)



MODEL	PRODUCT CODES	TYPE
BRUSH-SJ3004	3617	STAINLESS STEEL 4 ROW
BRUSH-SJ3033	3615	CARBON STEEL

WELDING GAUGES

Various types available

MODEL	PRODUCT CODES	
CAM - MG 11	24339	WELDING GAUGES CAM-MIG11
CAM - MG 8	24340	WELDING GAUGES CAM-MIG8
INT-9000C138	24514	WELDING GAUGES HI LO GAUGE SMALL



CERAMIC BACKING / TAPE

MODEL	PRODUCT CODES	TYPE	PACKING
TIG-WT401	22063	Ceramic	PER PKT 10 PCE = 6m
TIG-WT402	22064	Ceramic	PER PKT 10 PCE = 6m
TIG-WT901 (13mm)	22065	Ceramic	PER PKT 10 PCE = 6m

BACKING TAPE

MODEL	PRODUCT CODES	TYPE	PACKING
TIG-WTF50	21995	BACKING TAPE 64mx12m 130AMF	Roll
TIG-WTF100	21996	BACKING TAPE 120mx12m 250AMF	Roll



WELDING CHEMICALS

Ask about custom branding options

MODEL	PRODUCT CODES	TYPE	Description
GRITTEX	1443	HAND CLEANER WITH GRIT	COARSE GRIT PARTICLES WHICH EFFECTIVELY CLEAN TOUGHEST GRIME AND GREASE FROM HANDS
DIFFI-THERM	3914	UNI ARC CLEANER	CRACK DETECTION DYE PENETRANT KIT
DIFFI-THERM	3915	UNI ARC DEVELOPER	CRACK DETECTION DYE PENETRANT KIT
DIFFI-THERM	3916	UNI ARC PENETRANT	CRACK DETECTION DYE PENETRANT KIT
SEIZE EEZE	4396	UNI ARC SEIZE-EEZE	NON-FLAMMABLE ANTI-SEIZE LUBRICANT. EASY REMOVAL OF SEIZED AND RUSTED FASTENERS PENETRANT/LUBRICANT
ANTI SPATTER	3446	UNI ARC ANTI SPATTER SILICONE	REDUCE SPATTER DURING WELDING
ANTI SPATTER	3447	UNI ARC ANTI SPATTER SILICONE FREE	REDUCE SPATTER DURING WELDING

MODEL	PRODUCT CODES	TYPE	Description
STAINOX N	22630	UNIPOWER STAINOX N PICKLING PASTE	PPROTECT YOUR WELDS FROM CORROSION AND RUST
UNI LEAKTEST	22263	UNI ARC LEAK TEST SOLUTION	SOLUTION TO TEST FOR LEAKS

UNIarc Leak Test Solution

UNIpower Stainox N





WELDING HOT BOX PORTABLE (26676)

Model	UNI-HB10
Capacity	10kg
Operating Temperature	0-300°C
Operating Voltage	220V
Max. Electrode Length	450mm

- Full parts back-up
- Easy Operation

EN-ISO CERTIFIED

4-PACK WELDING FRAME



BAKING & HOLDING OVENS

UNI-OVENB (26671) / UNI-OVENH (26673)

- Digital display
- Baking oven fitted with timer
- Easy operation
- Full parts back-up



Model	UNI-OVENB	UNI-OVENH
Type	Baking	Holding
Capacity	55L - 100kg	55L - 100kg
Operating Voltage	220V	220V
Output Watt	3000W	2000W
Operating Temperature	0-500°C	0-300°C

DISTRIBUTION BOARD 380/525V

6X6 - BUILT TO SANS10142-1:2012



- 6 x 63A or 40A power outlet sockets of your choice
 - 6 x 16A - 230v power outlet sockets of your choice
 - Supplied complete with COC
 - Exclude Power Trailing Cable
- Optional : 25kva - 525v-400v step down transformer for 16A /230v power outlets



DISTRIBUTION BOARD 230V

6 WAY - BUILT TO SANS10142-1:2012



- 6 x 16A or 32A power outlet sockets of your choice
- Supplied complete with COC
- Exclude Power Trailing Cable



HYPERTHERM®

A Hypertherm Associates Brand



Powermax 105 SYNC

124

HYPERTHERM PLASMA CUTTERS

Powermax30® AIR

Professional-grade plasma system with internal air compressor for high portability and easy metal cutting.

Operate it anywhere with the internal compressor!

Recommended capacity: 8 mm
Severance: 16 mm
Output current: 15 - 30 A
Weight: 13,5 kg



Long torch



The Duramax Hyamp. 6 m and 1.2m long torches offer extra reach and durability for heavy-duty applications like scrapping, plate skeleton removal from cutting tables, and infrastructure repair or reconstruction. Long torches include a carry bag for storing the torch. The 1.2m torch includes an adjustable position auxiliary handle.

A Powermax system will help you get your work done faster, easier, more reliable and at lower costs.



RENT A HYPERTHERM CUTTING SYSTEM FROM US



Flush cutting

The new Powermax® flush cutting process lets you cut closer to base materials than ever before, reducing costly, time consuming secondary operations.

HyAccess extended consumables



HyAccess's unique design allows for better visibility and accessibility when working on challenging locations such as corners and channels.

Powermax® gouging consumables



Plasma gouging saves time and trouble. It minimizes the need for secondary work, and compared to other processes reduces the amount of noise and pollutants in the work environment.

Powermax105 SYNC™ plasma systems

A dramatically simplified consumable platform combined with advanced torch communication for automated setup makes Hypertherm's new Powermax105 SYNC™ plasma systems the smarter choice for any cutting or gouging application.

Auto-set power supply

- Automatic process and amperage setting
- Data display



SmartSYNC torch

- Simple, twist-on consumable installation
- Convenient power and amperage adjustment controls



Cartridge

- Single-piece
- Easy to identify
- RFID communicates amperage and type



Easy to use

- Easy to identify single-piece cartridge consumables are color coded by process to eliminate parts mix-up and simplify consumable inventory management.
- New SmartSYNC™ torches with the Hypertherm cartridge automatically set the correct amperage and operating mode, eliminating setup errors.
- End of life detection lets the operator know when it's time to change the cartridge.

Minimizes operating costs

- Simplified operation minimizes downtime, troubleshooting, waste and training time.
- Advanced cartridge consumable design provides up to twice the life for hand cutting and improved quality over life in mechanized setups compared to standard consumables.
- Access cartridge data for performance tracking, analyzing usage patterns.

Powermax105 SYNC

Capacity		Thickness	Cut speed
		Cutting	
Recommended		32 mm	500 mm/min
		38 mm	250 mm/min
Severance		50 mm	125 mm/min
Pierce*		22 mm	

*Pierce rating for handheld use or with automatic height control

Capacity	Metal removal rate	Gouge profile
Maximum removal gouging		
Typical gouge	8,6 kg per hour	6,6 mm D x 6,2 mm W

Maximize performance

- Tackle a wide range of jobs with easily interchangeable torch styles and application-specific Hypertherm cartridge consumables for various types of cutting and gouging.
- Reduce training time with simplified set up and consistent performance.
- Time-saving torch controls allow the operator to adjust the amperage on the fly and change consumables and applications without returning to the power supply.

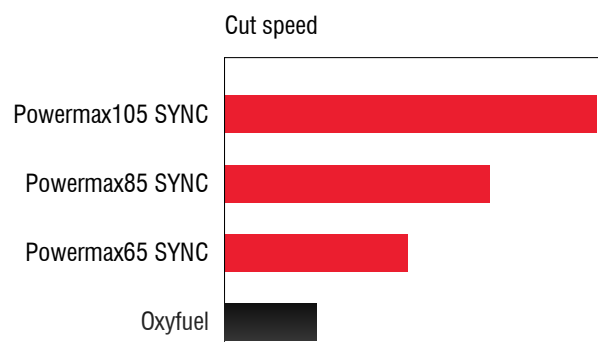
Industry-leading reliability

- SmartSYNC™ torches are engineered for rugged, industrial environments.
- SpringStart™ technology ensures consistent starting and a more reliable torch.
- Industry-leading reliability reduces production downtime.

Torches and cartridges



Relative cut performance on 12 mm mild steel



Powermax mechanized applications

Cutting and gouging

Experience the unmatched ease of use of the Powermax SYNC™ series with its one piece consumable design and automated setup. Or choose the Powermax125® for the continuous cutting that comes from 100% duty cycle.

Cut with confidence

- Spend less time on secondary operations with good cut quality and little dross.
- Increase productivity with advanced consumable technology that extends life and, with the Powermax SYNC series' revolutionary single piece consumable, simplifies cutting.
- Consumable end of life detection from 65 to 125 amps avoids damage to the torch and to the work piece
- CNC interfaces and available voltage dividers make Powermax systems easy to set up and operate.
- Optional FineCut® consumables produce less dross, narrower kerf and virtually no heat-affected zone on thinner plate.
- Easily switch to a handheld torch with FastConnect™ quick disconnect torches.



Using a Powermax plasma system in a mechanized application

The equipment required to run a Powermax® system in a mechanized application varies. For example:


- To automate long, straight cuts or gouges, a mechanized torch, a remote on/off pendant and a track cutter may be all that is needed.
- An entry-level X-Y table application requires a mechanized torch, control cable, and a computer numeric control (CNC) along with the table and lifter.
- For optimum performance on an X-Y table, a programmable torch height control and nesting software, such as Hypertherm's ProNest® LT, would also be used.

Understanding duty cycle

The duty cycle is the amount of time that a plasma arc can remain on within a 10-minute period when operating at a specified temperature and amperage. Hypertherm uses an ambient temperature of 104° F.

Determining how long a cut can be made before exceeding the duty cycle is a function of duty cycle, amperage output, and cut speed. For example, the Powermax85 SYNC™ has a 60% duty cycle at 85 amps. That increases to 80% (8 minutes out of 10) at 74 amps and to 100% at 66 amps. Cutting at full output at 30 ipm would equal 15' of continuous cutting.

In contrast, the Powermax125 has a 100% duty cycle at full output, so it can keep cutting without requiring time for cooling.



“ We switched from oxyfuel to plasma cutting, and instantly realized the benefits of the faster cutting speed, cleaner cutting, and increased accuracy. Not only did our productivity nearly triple but we were able to offer a higher quality product to our customers.”

**– Mr. Jun Miao
Manufacturing Director,
Liangshan Zhongji Dongyue Co., Ltd.**



METALWORKER RANGE

133

OXYGEN & ACETYLENE REGULATORS

OXYGEN REGULATORS

Multi Stage Extra Heavy Duty



Single Stage Heavy Duty



Single Stage Medium Duty



ACETYLENE REGULATORS

Multi Stage Extra Heavy Duty



Single Stage Heavy Duty



Single Stage Medium Duty



FLASHBACK ARRESTOR

133

OXYGEN & ACETYLENE FLASHBACK ARRESTOR



ALL FITTINGS ARE 3/8"

133



CUTTING TORCHES

133

HAND CUTTING TORCHES



CP980 CUTTING TORCH
PAGE 133



MODEL 28
PAGE 134



MODEL 62
PAGE 134



CUTTING ATTACHMENT
PAGE 134

CUTTING AND GOUGING TIPS

135

ALTERNATIVE FUEL CUTTING TIPS

ALTERNATIVE FUEL CUTTING TIPS

OXY-PROPANE, LPG & MAPP** TWO PIECE TIP MIX CUTTING TIPS



GENERAL PREHEAT 6290-NX OXY-PROPANE, NATURAL GAS TIP CHART



ACETYLENE CUTTING TIPS - TIP MIX TIPS

TIP MIX TIPS 8290 & 8290-ANME OXY-ACETYLENE



TIP MIX TIPS 8290 & 8290-ANME OXY-ACETYLENE



REGULATORS

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MODEL 25GX
PAGE 136



MODEL 987
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MODEL 351
PAGE 144



MODEL 896
PAGE 137



MODEL 899
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MODEL 803P
PAGE 138



MODEL 847
PAGE 138

ACCESSORIES

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FLASHBACK ARRESTORS

PAGE 139



188- (L & R)



188-2 (L & R)



188-T (L & R)



188-1G (L6 & R6)



188-GG (L & R)

QUICK ACTION COUPLING

PAGE 139



CPL8



CPLGB



QACL8



QACLGB

OXY-ACETYLENE TOUGH PROFESSIONAL EQUIPMENT

PAGE 140

CUTTING - NOZZLE MIX



CUTTING



SINGLE FLAME WELDING MEDIUM PRESSURE



SINGLE FLAME BRAZING



CUTTING SPECIALTY APPLICATIONS



SINGLE FLAME WELDING MEDIUM PRESSURE



SINGLE FLAME BRAZING



SINGLE FLAME BRAZING



MULTIFLAME BRAZING



MULTIFLAME HEATING MEDIUM PRESSURE



SINGLE FLAME BRAZING



MULTIFLAME HEATING



GAS EQUIPMENT

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'Y' CONNECTIONS



CUTTING NOZZLES



TRIPLE FLINT LIGHTER



NOZZLE CLEANER



OETIGER CLAMPS



PARALLEL HOSE CLAMPS



GAS HOSE - STYRENE BUTADINE RUBBER



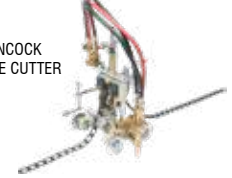
INERT GAS HOSE



GAS WELDING SPECIALIST CUTTING EQUIPMENT



HANCOCK PIPE CUTTER



RANGE EXCLUSIVE TO RENTTECH

METALWORKER RANGE

OXYGEN REGULATORS

HC-896DB10000X3309

Multi Stage Extra Heavy Duty (26911)



HC-825DB10000X3309

Single Stage Heavy Duty (26908)



HC-801Z541

Single Stage Medium Duty (26910)



FLASHBACK ARRESTOR

HC-188SRRGB OXYGEN REGULATOR
MOUNT 3/8" (26746)

HC-188SRLGB ACETYLENE REGULATOR
MOUNT 3/8" (26745)


ALL FITTINGS ARE 3/8"


INDUSTRIAL GAS REGULATION
EQUIPMENT

ACETYLENE REGULATORS

HC-896B150AC3310

Multi Stage Extra Heavy Duty (26912)



HC-825B150AC3110

Single Stage Heavy Duty (26907)



HC-801Z542

Single Stage Medium Duty (26909)



CUTTING TORCH

HC-980Z009

CP980 CUTTING TORCH (26959)

USE ANM CUTTING NOZZLES



FLASHBACK ARRESTOR

HC-188SHTGBR
OXY TORCH MOUNT 3/8" (26744)

HC-188SHTGBL
ACET TORCH MOUNT 3/8" (26743)


CUTTING TORCHES

HAND CUTTING TORCHES

MODEL 28

- Cuts up to 400 mm with acetylene
- Cuts up to 500 mm with propane
- Operates with acetylene or alternative fuel
- Stainless steel gas tube
- Tip mix principle
- Use with 2890 tip

28-L EQUAL PRESSURE TIP MIX TORCHES (FOR ACETYLENE OR ALTERNATIVE FUELS)			
		90° HEAD	LENGTH (MM)
CODE	PART NO.	WEIGHT (KG)	
25899	HC-1000234	1.42	510



MODEL 62

The industry standard by which all other designs are compared. The 62-5 is less expensive to own, operate and safer to use. Our special 62 "F" injector mixer can produce the hottest flame possible at the lowest gas pressure making it the safest, most efficient design in the industry.

- Cuts up to 300 mm steel
- Solid forged head and lever
- Triangular tube design
- Brazed connections
- Head mixing
- Use with 6290 tips

62-5F LOW PRESSURE "F" INJECTOR TORCHES (FOR MAXIMUM PERFORMANCE WITH ALTERNATIVE FUELS)							
CODE	90°HEAD		180°HEAD		70°HEAD		LENGTH (MM)
	PART NO.	WEIGHT (KG)	PART NO.	WEIGHT (KG)	PART NO.	WEIGHT (KG)	
26688	62-5F	1.27	62-5BF	1.14	62-5AF	1.25	460
26697	62-5FL	1.32	62-5BFL	1.18	62-5AFL	1.31	830



FOR ACETYLENE AND LOW-COST FUEL GASES SUCH AS PROPANE AND NATURAL GAS

CUTTING ATTACHMENT

36 EQUAL PRESSURE "E" CUTTING ATTACHMENTS (FOR ACETYLENE AND ALTERNATIVE FUELS)						
CODE	PART NO.	HEAD ANGLE	COMPATIBLE CUTTING TIPS	COMPATIBLE HANDLE	WEIGHT (KG)	LENGTH (MM)
23995	HC-1300023	90°	6290	19-6	0.326	189

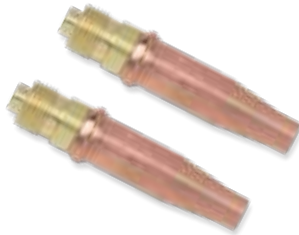


36-2 CUTS UP TO 75 MM LIGHT DUTY EQUIPMENT

CUTTING AND GOUGING TIPS

ALTERNATIVE FUEL CUTTING TIPS

OXY-PROPANE, LPG & MAPP®* TWO PIECE TIP MIX CUTTING TIPS



** MAPP® IS A REGISTERED TRADEMARK OF
MESSER GROUP GMBH

PART NO.	PLATE THICKNESS (mm)	OXYGEN (bar)	FUEL GAS Equal Pressure (bar)	FUEL GAS Low Pressure (bar)
2890-0P	0 - 10	1,5 - 2,0	0,2	28-2 H28 28-2L Cutting torches
2890-1P	10 - 25	2,0 - 2,5	0,4	
2890-2P	25 - 50	2,0 - 3,0	0,4	
2890-3P	50 - 75	2,5 - 3,0	0,4	
2890-4P	75 - 100	3,0 - 4,0	0,5	
2890-5P	100 - 200	3,0 - 5,0	0,5	
2890-6P	200 - 300	5,0 - 7,0	0,6	
2890-7P	300 - 400	6,0 - 7,0	0,7	
2890-8P	400 - 500	7,0 - 8,0	0,8	

GENERAL PREHEAT 6290-NX OXY-PROPANE, NATURAL GAS TIP CHART

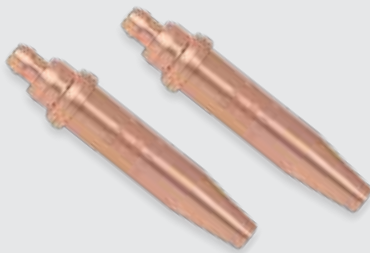


PLATED SHELL

PART NO.	PLATE THICKNESS (mm)	OXYGEN (bar)	FUEL GAS Equal Pressure (bar)	FUEL GAS Low Pressure (bar)
HC-6290-1NFF	15 - 25	2.5 - 3.5	0.3 - 0.8	0.015 - 0.2
HC-6290-2NFF	25 - 50	3.0 - 4.0		
HC-6290-3NFF	50 - 75	3.0 - 4.5		
HC-6290-4NFF	75 - 150	3.5 - 5.5		
HC-6290-5NFF	150 - 200	4.5 - 5.5		
HC-6290-6NFF	200 - 300	5.0 - 6.5		

ACETYLENE CUTTING TIPS - TIP MIX TIPS

TIP MIX TIPS 8290 & 8290-ANME OXY-ACETYLENE



PART NO. 8290	PART NO. 8290-ANME	PLATE THICKNESS (mm)	OXYGEN (bar)	ACETYLENE (bar)	WHERE USED
HC-8290-1	8290-ANME1	0 - 6	1.5	0.5	242NM
HC-8290-2	8290-ANME2	6 - 12	2.0	0.5	NM-250
HC-8290-3	8290-ANME3	12 - 75	3.0	0.5	880-NM
HC-8290-4	8290-ANME4	75 - 150	3.0	1.0	Cutting Torches
HC-8290-5	8290-ANME5	150 - 200	4.0	1.0	273 NM Cutting Attachment
HC-8290-6	8290-ANME6	200 - 250	4.5	1.0	
HC-8290-7	8290-ANME7	250 - 300	5.5	1.0	

TIP MIX TIPS 8290 & 8290-ANME OXY-ACETYLENE



PART NO.	PLATE THICKNESS (mm)	OXYGEN (bar)	ACETYLENE (bar)	WHERE USED
HC-2890-1F	0 - 10	1.0 - 1.5	0.2	28 28-L Cutting Torches
HC-2890-2F	10 - 25	1.5 - 2.5	0.3	
HC-2890-3F	25 - 50	3.0 - 4.5	0.5	
HC-2890-4F	50 - 75	5.0 - 5.5	0.7	
HC-2890-5F	75 - 100	5.5 - 6.0	0.7	
HC-2890-6F	100 - 200	6.0 - 6.5	0.7	
HC-2890-7F	200 - 300	7.0 - 9.0	1.0	

REGULATORS

MODEL 25GX

Medium-to-Heavy Duty Single-Stage Pressure Regulator

APPLICATIONS:

Construction, Mining, Railroad Maintenance, Cross Country Pipeline, Armor Plate (Military), Automotive, Brewery, Construction & Field Erection, Distillery, Elevated Temperature Piping, Galvanized Steel, Gasification Plants, General Fabrication, Glass Industry, Heat Exchangers, Heavy, Equipment, Heavy Fabrication, High Pressure Piping, High Temperature, High-strength Pipe, LPG & LNG Storage Vessels, Maintenance & Repair, Marine Applications, Marine Fabrication & Repair, NACE Applications, Offshore, Oil & Gas, Petrochemical, Petrochemical Industry, Petroleum Processing, Pharmaceutical Equipment, Pipeline & Offshore, Piping, Power Generation, Power Plants, Pressure Vessels, Process Piping, Railcar Fabrication, Railing Industry, Casting Repair, Repair Welding, Robotics, Robotics/ Hard Automation, Shipbuilding, Structural Fabrication, Structural Welding

FEATURES:

- High end features for economical price
- Workhorse of Harris industrial regulator line
- Ergonomic ABS plastic knob for easy grip and precise adjustment
- Brass body and chrome-plated zinc bonnet for longer service life
- Neoprene diaphragm for improved pressure control
- 2.5" Steel dual scale easy-to-read gauges
- One-piece encapsulated seat design with internal filter to protect the PTFE Teflon® seat from particulate contamination
- UL® listed
- Designed specifically for propane service, but can be used with any of the other welding grade liquid petroleum gases. NOT FOR USE WITH ACETYLENE

SPECIFICATIONS

Adjusting Knob	ABS plastic
Adjusting Screw	Brass
Body	Brass
Bonnet	Chrome plated zinc
Certification	CGA E-4
UL® listed	
Cv	0.17
Delivery Pressure Gauge (PSIG)	60
Delivery Pressure Range (PSIG)	0 - 50

Diaphragm	Neoprene
Duty	Medium to heavy
Gas / Gas Service	Liquid Petroleum (LPG)*
Gauges	2.5" Steel dual scale
Inlet Connection	CGA 510P
Maximum Inlet Pressure (PSIG)	500
Nozzle	Brass
Outlet Connection	9/16" - 18 LH

Pressure Regulation PSIG/100 PSIG	0.20 psig
Recommended Items/ Accessories	Steel Gauge Guard - Red (Fuel) - PN 4300238
Steel Gauge Guard - Green (Oxygen) - PN 4300239	
Seat	PTFE Teflon®
Supply Pressure Gauge (PSIG)	400



MODEL 987

HIGH PRESSURE CYLINDER REGULATOR

APPLICATIONS:

- Designed to operate with high pressure cylinder
- High pressure testing, charging accumulators, pressurising aircraft struts, oil refineries, chemical plants, research laboratories and general industry
- Ideal also for high pressure manifold distribution

FEATURES:

- Maximum inlet pressure 300 bar
- Stainless steel diaphragm on first stage - no internal contamination
- High pressure capsule seat with Kel-F (CTFE) sealing surface
- Corrosion resistant, forged brass, body and bonnet
- Bronze bonnet bushing and stainless steel T screw
- Inlet is heavy duty - 15mm thread with metal to metal seal
- Outlet is a 1/4" external diameter copper tube compression fitting
- Models available available for all non-corrosive compressed gases
- Same regulator used for lightweight gases, without vibration



NITROGEN

987S-170M

CODE	STOCK CODE	DESCRIPTION
26892	HC-987-10000K	HARRIS MODEL 987-10000K NITROGEN HIGH PRESSURE REG
26894	HC-987Z110	HARRIS MODEL 987-17000K NITROGEN HIGH PRESSURE REG
26893	HC-987Z004	HARRIS MODEL 987-17000K HIGH PRESSURE OXYGEN REG

REGULATORS

MODEL 896

DOUBLE STAGE WITH TWO GAUGES

APPLICATIONS:

- Used where stable outlet pressure is required
- Ideal for quality cutting applications, laboratory systems or precision machine cutting. Also Ideal for heavy machine cutting, hand cutting and gouging

FEATURES:

- Forged brass body for maximum strength
- Maximum inlet pressure of 230 bar
- First stage reduces full cylinder pressure by approximately 90%
- Large Ø 70 mm. second stage diaphragm accurately controls delivery pressure
- Durable chromed bonnet
- Side entry (vertical optional)



OXYGEN

896-1.5-AC

CODE	STOCK CODE	DESCRIPTION
26903	HC-8962500X1547	HARRIS 896-2500K OXYGEN MULTI STAGE REGULATOR 9/16
26905	HC-896D1000X1547	HARRIS 896-1000K OXYGEN MULTI STAGE REGULATOR 9/16

ACETYLENE

CODE	STOCK CODE	DESCRIPTION
26876	HC-896150AC1546 / WELDING	HARRIS 896 150K ACET MULTI STAGE REGULATOR 9/16"

NITROGEN

CODE	STOCK CODE	DESCRIPTION
26900	HC-896DS2500N2740	HARRIS 896-2500N NITROGEN MULTI STAGE REGULATOR

MODEL 899

DOUBLE STAGE GAUGELESS

APPLICATIONS:

- Used where stable outlet pressure is required
- Ideal for quality cutting applications, laboratory systems or precision machine cutting. Also Ideal for heavy machine cutting, hand cutting and gouging

FEATURES:

- Forged brass body for maximum strength
- Maximum inlet pressure of 230 bar
- First stage reduces full cylinder pressure by approximately 90%
- Large Ø 70 mm. second stage diaphragm accurately controls delivery pressure
- Durable chromed bonnet
- Side entry (vertical optional)



Indicator

Bonnet calibration

OXYGEN

899-1.5-AC

CODE	STOCK CODE	DESCRIPTION
	HC-896150AC1546 / WELDING	HARRIS 896 150K ACET MULTI STAGE REGULATOR 9/16"

REGULATORS

MODEL 803P

INERT GAS GUARD

APPLICATIONS:

- Designed to eliminate the pressure surge at the beginning of each weld in MIG/TIG, maintains a constant flow and pressure with each weld, permits gas savings over 60%.

FEATURES:

- Harris Inert Gas Guards are designed to save shielding gases in two ways:
 - by reducing the gas surge when a MIG gun or TIG torch is activated. Because they are designed to reduce the pressure held in supply hose, gas waste is reduced when the gun or torch is triggered
 - by delivering a controlled flow rate
- Operators will typically set shielding gas flow rates higher than necessary for a welding operation. Once set by a supervisor, the Inert Gas Guard delivers the precise amount of flow for the operation, eliminating the needless waste of gas.

WHERE TO USE:

Connect Model 803-P between your existing flowmeter and hose to torch.



803P

GAS	MAX INLET PRESSURE (bar)	DELIVERY PRESSURE (bar)	INLET	OUTLET
ARGON / CO ₂	3.5	0.6 - 0.9	3/8"-BSPM RH	3/8" BSPF LH

PIPELINE REGULATORS

MODEL 847

PIPELINE REGULATOR WITH ONE GAUGE

APPLICATIONS:

- Specially designed to allow high flow rate from industrial and laboratory pipeline points
- Particularly suited to machine cutting where more than one torch is used. Also for heavy cutting and heating

FEATURES:

- High flow and outlet pressure (up to 15 bar) line regulator
- Forged brass body for maximum strength
- Sintered alloy inlet filter to trap impurities
- Maximum inlet pressure 25 bar
- 15 Lpm, 30 Lpm and 50 Lpm versions available for argon and CO₂



847-15-L

OXYGEN

CODE	STOCK CODE	DESCRIPTION
24906	HC-8471000X832	HARRIS 847 1000K OXYGEN SINGLE STAGE PIPELINE REG
24891	HC-8471500X833	HARRIS MODEL 847 1500K OXYGEN PIPELINE REGULATOR

ACETYLENE / LPG

CODE	STOCK CODE	DESCRIPTION
26877	HC-847150AC831	HARRIS 847 150K ACET S/STAGE PIPELINE REGULATOR
26883	HC-847400LP835	HARRIS 847-400K LPG S/STAGE PIPELINE REG + GAUGE

ACCESSORIES

FLASHBACK ARRESTORS

- Prevent reverse flow of gases with built-in check valve
- Extinguish flashback fire with sintered metal filter
- Thermal cut-off which positively shuts off the gas in case of hose fire, burn or repeated flashbacks (only T version)
- Pressure operated cut-off which positively shuts off the gas when pressure exceeds (only 3T version)



188- (L & R)



188-2 (L & R)



188-T (L & R)



188-1G (L6 & R6)



188-GG (L & R)

TORCH MOUNT FLASHBACK ARRESTORS

CODE	PART NO	GAS	NUT SIZE	COMMENTS
26725	HC-1881R8	OXYGEN	9/16	HOSE TAIL CONNECTION
26724	HC-1881L8	FUEL GAS		HOSE TAIL CONNECTION
26738	HC-188GGR	OXYGEN		NUT & STEM CONNECTION
26737	HC-188GGL	FUEL GAS		NUT & STEM CONNECTION
26722	HC-1881GBL8	FUEL GAS	3/8	HOSE TAIL CONNECTION
26723	HC-1881GBR8	OXYGEN		HOSE TAIL CONNECTION
26743	HC-188SHTGBL	FUEL GAS		
26744	HC-188SHTGBR	OXYGEN		

REGULAR MOUNT ARRESTORS

CODE	PART NO	GAS	NUT SIZE	COMMENTS
26739	HC-188L	FUEL GAS	9/16	
26741	HC-188R	OXYGEN		
26747	HC-188TL	FUEL GAS		THERMAL CUT OFF VALVE
26727	HC-1882TR	OXYGEN		THERMAL CUT OFF VALVE
26726	HC-1882TL	FUEL GAS	3/8	HI FLOW
26728	HC-1883TL	FUEL GAS		RESETTABLE
26729	HC-1883TR	OXYGEN		RESETTABLE
26740	HC-188LGB	FUEL GAS		
26742	HC-188RGB	OXYGEN	3/8	
26748	HC-1883TLGB	FUEL GAS		
26750	HC-1883TRGB	OXYGEN		RESETTABLE HI FLOW

QUICK ACTION COUPLING

- Long lasting stainless steel pin connection
- Automatic gas cut-off to positively shut off the gas supply when disconnected
- Durable brass and stainless steel construction

PART NO	DESCRIPTION	CONNECTION TYPE	TYPE
CPL6	Male	Hose connection Ø 1/4" (6 mm)	Hose
CPR6			
CPL8		Hose connection Ø 5/16" (8 mm)	Torch
CPR8			
CPLGB	Female	Threads G 3/8"-LH-UNI ISO 228	Regulator
CPRGB		Threads G 3/8"-RH-UNI ISO 228	
CPL		Threads 9/16"-18-UNF-2B-LH	Hose
CPR		Threads 9/16"-18-UNF-2B-LH	
QACL6	Female	Hose connection Ø 1/4" (6 mm)	Hose
QACR6			
QACL8		Hose connection Ø 5/16" (8 mm)	Regulator
QACR8			
QACLGB	Female	Threads G 3/8"-LH-UNI ISO 228	Regulator
QACRGB		Threads G 3/8"-RH-UNI ISO 228	



CPL8



CPLGB



QACL8



QACLGB

ACCESSORIES

OXY-ACETYLENE TOUGH PROFESSIONAL EQUIPMENT

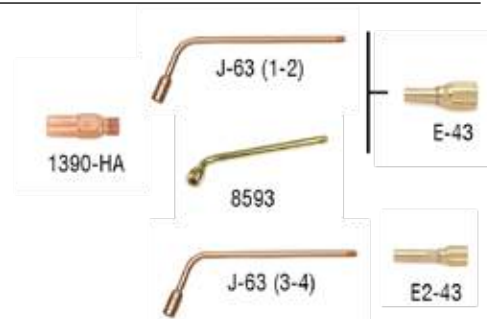
CUTTING - NOZZLE MIX



CUTTING SPECIALTY APPLICATIONS



MULTIFLAME HEATING MEDIUM PRESSURE



Welding Tips / Assemblies

23-A-90	1390	Flow Lt/h	Welding Thickness (mm)
	00	25	
0	0	45	0.2-0.5
1	1	65	0.5-1.0
3	3	160	1.0-2.0
5	5	350	2.0-4.0
6	6	500	4.0-6.0
8	8	1000	6.0-9.0
9	9	1500	9.0-14.0
10	10	2000	14.0-20.0
13		3000	20.0-30.0
15		4000	30.0-50.0

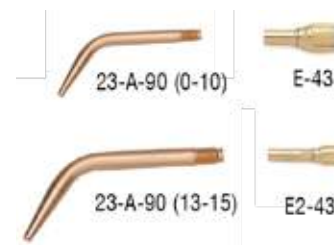
SINGLE FLAME WELDING MEDIUM PRESSURE

(min. 0,5 bar Oxygen/Acetylene)



SINGLE FLAME WELDING MEDIUM PRESSURE

(min. 0,5 bar Oxygen/Acetylene)



HC-43-2

6290 CUTTING TIPS

For Acetylene

6290: One piece copper, normal preheat

6290-S: One piece copper, extra preheat

6290-AC: Two piece, extra preheat

Size			Cutting Thickness mm	Pressure	
				Oxygen Bar	Acetylene Bar
000	-	-	0-5	1.0 - 2.0	min
00	-	00AC	5 - 10	1.0 - 2.0	0.015
0	-	0AC	10 - 15	1.5 - 2.5	
1	1S	1AC	15 - 25	2.0 - 3.5	
2	2S	2AC	25 - 50	3.0 - 4.5	
3	3S	3AC	50 - 100	3.0 - 4.5	
4	4S	4AC	100-175	3.5 - 5.5	

ACCESSORIES

OXY LPG TOUGH PROFESSIONAL EQUIPMENT

CUTTING



SPECIALTY APPLICATIONS



SINGLE FLAME BRAZING



SINGLE FLAME BRAZING



SINGLE FLAME BRAZING



MULTIFLAME BRAZING



SINGLE FLAME BRAZING



MULTIFLAME HEATING

(2290-3H largest size to be used with 63-2)



6290 CUTTING TIPS

For LPG, Nat.gas and Specialty Gas

6290NX: Two piece copper, normal preheat
6290-NFF: Two piece copper, extra preheat

Size	Cutting Thickness mm	Oxygen Bar	Pressure Gas Bar
000-NX	-	0 - 5	1.0 - 2.0 min
00-NX	-	5 - 10	1.0 - 2.0 0.015
0-NX	-	10 - 15	1.5 - 2.5
1-NX	1-NFF	15 - 25	2.0 - 3.5
2NX	2-NFF	25 - 50	3.0 - 4.5
3NX	3-NFF	50 - 75	3.0 - 4.5
4NX	4-NFF	75 - 150	3.5 - 5.5

6290 SPECIALTY TIPS

For LPG, Nat.Gas

Tip	Application	Oxygen Bar	Pressure Gas Bar
1GG	Gouging (3mm x 6mm)	2.5	min.
2GG	Gouging (5mm x 10mm)	3.5	0.015
3GG	Gouging (6mm x 13mm)	3.5	
4GG	Gouging (10mm x 19mm)	4.0	
2NFFR	Rivet cutting	3.0	
NFW	Rivet washing	3.5	
H-62-1P	Heating	3.0	0.5
H-62-2P	Heating	3.5	0.5
H-62-3P	Heating	4.0	1.0

GAS EQUIPMENT

GAS WELDING & CUTTING EQUIPMENT

'Y' CONNECTIONS



Model		DESCRIPTION	SIZE	PACKING
UNI-Y-OXY	23050	Uni-Arc Connection 'Y' Acetylene	3/8"	Each
UNI-Y-ACC	23049	Uni-Arc Connection 'Y' Oxygen	3/8"	Each

CUTTING NOZZLES

CUTTING NOZZLES

ANM TYPE

Model		DESCRIPTION
GAS-3202	19094	CUTTING NOZZLE ANM 0.8X75MM
GAS-3203	19095	CUTTING NOZZLE ANM 1.2X75MM
GAS-3204	19096	CUTTING NOZZLE ANM 1.6X75MM
GAS-3205	19097	CUTTING NOZZLE ANM 2.0X75MM
GAS-3206	19098	CUTTING NOZZLE ANM 2.4X75MM



CUTTING NOZZLES

ANME TYPE

Model		DESCRIPTION
UNI ANME1.2	20588	CUTTING NOZZLE ANME 1.2X87MM
UNI ANME1.6	20593	CUTTING NOZZLE ANME 1.6X87MM
UNI ANME2.0	20598	CUTTING NOZZLE ANME 2.0X87MM
UNI ANME2.4	20478	CUTTING NOZZLE ANME 2.4X87MM
UNI ANME3.2	20479	CUTTING NOZZLE ANME 3.2X87MM



CUTTING NOZZLES

PNM TYPE

Model		DESCRIPTION
UNI PNM0.8	20585	CUTTING NOZZLE 0.8X75MM
UNI PNM1.2	20591	CUTTING NOZZLE 1.2X75MM
UNI PNM1.6	20596	CUTTING NOZZLE 1.6X75MM
UNI PNM2.0	20600	CUTTING NOZZLE 2.0X75MM
UNI PNM2.4	20603	CUTTING NOZZLE 2.4X75MM
UNI PNM3.2	20612	CUTTING NOZZLE 3.2X75MM



CUTTING NOZZLES

PNME TYPE

Model		DESCRIPTION
UNI PNME1.2	20590	CUTTING NOZZLE PNME 1.2X87MM
UNI PNME1.6	20595	CUTTING NOZZLE PNME 1.6X87MM
UNI PNME2.0	20597	CUTTING NOZZLE PNME 2.0X87MM
UNI PNME2.4	20602	CUTTING NOZZLE PNME 2.4X87MM



TRIPLE FLINT LIGHTER



Model		DESCRIPTION	PACKING
GAS-LIGHT	24677	Triple Flint Lighter	Each
GAS-REFILL	24678	Flight Lighter Renewals	Each

NOZZLE CLEANER



Model		DESCRIPTION	PACKING
GAS-NCLEAN	16872	Nozzle Cleaner Long Type	Each

GAS EQUIPMENT

GAS HOSES

GAS HOSE - STYRENE BUTADINE RUBBER

- Dunlop type hose - BS5120/A & EN559 certified

Model		DESCRIPTION	SIZE	COLOUR	PACKING
HOSE-OXYD	27195	Hose Oxygen - Ribbed	8mm	Blue	/m
HOSE-ACCD	27172	Hose Oxygen - Ribbed	8mm	Red	/m
UNI-PRO8	22317	Hose Propane	8mm	Orange	/m
HOSE-RUBAIR12	27178	Hose Air	12mm	Black	/m
HOSE-RUBAIR-20	27179	Hose Air	20mm	Black	/m
HOSE-INERT	27181	Hose Inert Argon	5mm	Black	/m
TIG-ARGON3	22314	Braided Tig hose	3x6	Black	/m
TIG-ARGON4	22313	Braided Tig hose	4x7	Black	/m



OETIGER CLAMPS



Model		DESCRIPTION	SIZE	PACKING
UOET-5-7	25064	Oetiger Clamp	5-7mm	Each
UOET-7-9	25065	Oetiger Clamp	7-9mm	Each
UOET-9-11	25067	Oetiger Clamp	9-11mm	Each
UOET-11-13	25095	Oetiger Clamp	11-13mm	Each
UOET-13-15	25061	Oetiger Clamp	13-15mm	Each
UOET-15-18	25062	Oetiger Clamp	15-18mm	Each
UOET-17-20	25063	Oetiger Clamp	17-20mm	Each

PARALLEL HOSE CLAMPS



Model		DESCRIPTION	SIZE
WEL-100538	24541	Steel	8mm
WEL-100539	24542	Plastic	8mm

INERT GAS HOSE



GAS WELDING SPECIALIST CUTTING EQUIPMENT

STRAIGHT LINE CUTTER

- Heavy Duty
- Lightweight
- Full Parts Back-up

Model	DESCRIPTION	GAS	CAPACITY	RATING
HK12B-SLC	Beetle Straight Line Cutter C/W Rail	Oxy/Acy	6-90mm	220V
HK12M-SLC	Beetle Straight Line Cutter C/W Rail	Oxy/Acy	6-90mm	220V



HANCOCK PIPE CUTTER

- Chain type

- Lightweight
- Full Parts Back-up

Model	DESCRIPTION	GAS	CAPACITY	CHAIN
CG2-11G	Pipe Cutter - Chain Type	Oxy/Acy	100-600mmØ	1.2m



Model 351



Flowmeter regulator

Look for the shield that guarantees the highest quality

Application:

- ▶ Light duty gas shielded welding

Features:

- ▶ Zero compensated Flowmeter Regulator
- ▶ Compact design
- ▶ More resistant to CO₂ freeze-up and gauge damage than typical flow control devices
- ▶ Built smart and priced economically
- ▶ Saves gas - operates at pressures lower than typical competitive designs reducing "surge"
- ▶ Dual calibration Argon/Carbon Dioxide flow tube
- ▶ One-piece encapsulated seat design, with an internal filter
- ▶ Teflon® seats are inert to virtually all gases and resist friction and erosion for a reduced chance of premature product failure, offer a longer service life and are safer
- ▶ Durable, easy-to-read flow tube



Model 351 is designed for cylinder applications. Its unique design makes it more resistant to CO₂ freeze up than comparable competitive models. The Model 351 is zero-compensated for more efficient gas use.

MODEL NO.	GAS	MAX INLET PRESSURE (bar)	FLOW (Lpm)	SUPPLY	FLOWMETER
				PRESSURE GAUGE (bar)	(Lpm)
351-30L-AR	Argon	230	0-30	0-315	0-30
351-30L-CD	CO ₂	230	0-30	0-315	0-30



A LINCOLN ELECTRIC COMPANY



HARRIS GUIDE

- | | |
|--|---|
| H-1 UNlarc ARC201 ST PFC Stick Welding Inverter (200amps) | H-36 6290 2GG Goughing Tip |
| H-2 Freflow V3 - Powered Air Purifying Respirator Welding Helmets (ADF950) | H-37 Powder Spray Tip |
| H-3 Blue Box | H-38 3690 Cutting Tip |
| H-4 Cutting Welding Kit | H-39 2890-P Cutting Tip |
| H-5 Jewlers Torch | H-40 6290 Cutting Tip |
| H-6 Model 133 Machine Torch | H-41 3690 lpg Cutting Tip |
| H-7 Model 194-4 Machine Cutting Torch | H-42 22901H Heating Tip |
| H-8 Model 198-2 Machine Cutting Torch | H-43 2290-2H Heating Tip |
| H-9 Model 28-BL Cutting Torch | H-44 2290-4H Heating Tip |
| H-10 Model 28-B Cutting Torch | H-45 2290-5H Heating Tip |
| H-11 Model 62-5 Cutting Torch | H-46 1390 HA Heating Tip |
| H-12 Model 980 Cutting Torch | H-47 Model 829 LPG Regulator |
| H-13 Chemtane Plummers Torch | H-48 Model GX-25 Acetylene Regulator |
| H-14 Model 198 Profile Torch | H-49 Model 601 Acetylene Regulator Portapack |
| H-15 Heating Assembly | H-50 Model 801 Acetylene Regulator |
| H-16 Model 43-2 Handel | H-51 Model 801 Acetylene Regulator Metal Worker |
| H-17 Model 85 Handel | H-52 Model 825 Acetylene Regulator Metal Worker |
| H-18 Model 50-9 Handel | H-53 Model H25 Nitrogen-Regulator |
| H-19 Model 85 Handel | H-54 Model 869-25 Bar-Nitrogen Regulator |
| H-20 Model 36 Cutting Attachment | H-55 Model H-25 Oxygen Regulator |
| H-21 Model 49-3 Cutting Attachment | H-56 Model 601 Oxygen Regulator Portapack |
| H-22 Model 59 Cutting Attachment | H-57 Model 801 Oxygen Regulator |
| H-23 Acetylen Regulator Gauge Protector | H-58 Model 801 Oxygen Regularor Metal Worker |
| H-24 Oxygen Regulator Gauge Protector | H-59 Model 829 Oxygen Regulator |
| H-25 1882TR Flashback Arrestor | H-60 Model 847 Pipeline Regulator |
| H-26 1881L8-GB Flashback Arrestor | H-61 Model 896 25 Bar Oxygen Regulator |
| H-27 188GGGb Flashback Arrestor | H-62 Model 351 Flow Meter |
| H-28 1883TL Flashback Arrestor | H-63 Model 351 Flow Meter |
| H-29 CPR | H-64 Model 801 Flow Meter |
| H-30 BV 98 Beveling Head | H-65 R 69 Radius Guide |
| H-31 H 19-S Mixer | H-66 Countre Sink Guide |
| H-32 F-43 Mixer | H-67 MP 28 Radius Guide |
| H-33 E-43 Mixer | H-68 U980 Radius Guide |
| H-34 1390 Welding Tip | |
| H-35 1390 Welding Tip | |







147

MAGBASE DRILLS, POWER TOOLS,
PNEUMATIC TOOLS & CORE CUTTERS

TOTAL
One-Stop Tools Station

Total
One-Stop Tools Station

149



BOSCH
Invented for life

Bosch
Invented for life

158

HiKOKI
UNLEASH the NEXT

Hikoki
Unleash the NEXT

162

UNIARC
KEEP EVOLVING

UNlarc
Keep evolving

166

EUROBOOR
FOR PROFESSIONALS BY PROFESSIONALS

Euroboor
For professionals by professionals

160



Sykes-Pickavant

Sykes-Pickavant
MotorQ

171

Hi-Force
HYDRAULIC TOOLS

Hi-Force
Hydraulic Tools

174



Mobi-Jack
Hydraulic Jacks/Tools

175

MAT-AIR

Mat-Air
Compressors, pumps & Tools

179



**Chicago
Pneumatic**

Chicago Pneumatic
Industrial tools for turnkey

183



42422

TIRLI2002
20V

P20S

BL MOTOR



Lithium-Ion Impact Driver

Battery: 20V Li-Ion / 2Ah
Torque max: 170Nm
No load speed: 0-2400 Rpm
Hex shank: 0-3.550 Bpm
Square driver: 1/4" (6.35mm)
Charger: 1h
Weight: 1.2 Kg



42778

TIRLI20030
20V

P20S

BL MOTOR

Battery and charger **NOT** included

Lithium-Ion Impact Driver

Brushless Motor
Drill voltage: 20V
Hex shank: 1/4"
No-load speed: 0-1300 / 0-2100 / min
Impact rate: 0-2000 / 0-3300 bpm
Max torque: 170NM
Integrated work light
With 2pcs screwdriver bits
With 3pcs nut setters
Packed by color box



42777

TIDLI20608
20V

P20S

INDUSTRIAL

2.0Ah

BL MOTOR

Impact Function

x2

20V

Lithium-Ion Brushless Impact Drill

Voltage: 20V
No-load speed: 0-450 / 0-1900 / min
Max impact rate: 22500 / min
Max torque: 60NM
Chuck capacity: 0-13mm
Torque settings: 23+1
Mechanical 2-speed gear

20V Lithium-Ion 2.0Ah batteries
With 2pcs battery pack
With 1pcs fast charger
Charge volts: 220V-240V ~ 50 / 60Hz
Integrated work light
LED battery power indicator
Packed by Color box



44213

TIWLI2085
20V

BL MOTOR

Included

2 Pcs 4.0Ah battery pack (FBLI2002)
1 Pcs charger (FOLI2001E)
Charge volts: 220-240V ~ 50 / 60Hz
3 Pcs deep sockets (22mm, 24mm, 27mm)

Lithium-Ion impact wrench

Brushless motor
Voltage: 20V
Square drive: 1/2"
No-load speed: 0-1400 / 0-1900 / 0-2400 rpm
Impact rate: 0-1500 / 0-1800 / 0-2200 bpm
Fastening torque: 850Nm
Nut-Busting torque: 1000Nm
Integrated work light



41849

TDLI1232
12V

S12

1.5Ah

BL MOTOR

INDUSTRIAL

Lithium-Ion Impact Drill

Voltage: 12V
No-load speed: 0-350 / 0-1350 / min
Max impact rate: 22500 / min
Max torque: 20NM
Chuck capacity: 0.8-10mm
Torque settings: 18+1
Mechanical 2-speed gear
Charge volts: 220V-240V ~ 50 / 60Hz



41764

TDLI20024
20V

P20S

2.0Ah

BL MOTOR

INDUSTRIAL

Lithium-Ion Cordless Drill

Voltage: 20V
No-load speed: 0-400 / 0-1500 / min
Max torque: 45NM
Chuck capacity: 0.8-10mm
Torque settings: 15+1



41765

TDLI2002
20V

P20S

2.0Ah

BL MOTOR

INDUSTRIAL

Lithium-Ion Cordless Drill

Voltage: 20V
No-load speed: 0-400 / 0-1500 / min
Max torque: 45NM
Chuck capacity: 0.8-10mm
Torque settings: 15+1
Auto-lock keyless chuck
Mechanical 2-speed gear
Spindle lock function



41770

TRHLI601
20V

P20S

Battery and charger **NOT** included

Lithium-Ion Rotary Hammer

Voltage: 20V
No-load speed: 0-900 / min
Impact rate: 0-5100 bpm
Single impact force: 1.5J



41768

TFCLI2001
20V

P20S

Fast Intelligent Charger

Voltage: 20V
Charge current: 2A
Charges 20V 2.0Ah battery in 1 hour
Charges 20V 4.0Ah battery in 2 hours



41766

TFBLI2001

P20S

Lithium-Ion
Battery Pack

Voltage: 20V
Lithium-Ion 2.0Ah battery
LED battery power indicator



41767

TFBLI2002

P20S

Lithium-Ion
Battery Pack

Voltage: 20V
Lithium-Ion 4.0Ah battery
LED battery power indicator



44215

TFBLI2053

P20S

Lithium-Ion
Battery Pack

Voltage: 20V
Lithium-Ion 5.0Ah battery
LED battery power indicator



42424

TUCLI2001
20V

P20S



Lithium-Ion USB-A
Charger

Voltage: 20V
Output power: 5V/1A 5V/2A

Battery and
charger **NOT**
included

42780

TROSLI2001
20V

P20S

Lithium-Ion
Random
Orbit Sander

Voltage: 20V
No-load speed: 10000/min
Bottom bass: 125mm
With 5pcs sand papers



Battery and
charger **NOT**
included

41850

TAGLI1152
20V

P20S

BL MOTOR

Lithium-Ion Angle Grinder

Brushless Motor
Voltage: 20V
No-load speed: 9000/min
Disc diameter: 115mm
Spindle thread: M14



Battery and
charger **NOT**
included



42268

TSLI1651
20V

P20S

Lithium-Ion Circular Saw

Voltage: 20V
No-load speed: 4600rpm
Blade diameter: 165mm
Cutting capacity:
45 degree: 38mm
90 degree: 55mm
Adjustable cutting depth
Adjustable bevel cutting



Battery and
charger **NOT**
included

42782

TMS2001
20V

P20S

Lithium-Ion Mitre Saw

Voltage: 20V
No-load speed: 3000rpm
Blade size: 210mm(8-1/4")*25.4mm
Cutting capacity:
0°*0°: 120°*60mm
45°*0°: 83°*60mm
0°*45°: 120°*34mm
45°*45°: 83°*34mm



Battery and
charger **NOT**
included

42269

TJSLI8501
20V

P20S

Lithium-Ion Jigsaw

Voltage: 20V
No-load speed: 2400rpm
Cutting capacity:
Metal: 8mm
Wood: 80mm



Battery and
charger **NOT**
included



43767

TRSLI1152



Lithium-Ion Reciprocating Saw

Voltage: 20V
No-load speed: 0-2800/min
Cutting capacity: Metal: 8mm, Wood: 115mm
Dimensions: 40cm x 16cm x 8cm
Weight: 2.0kg

1 pc Wood saw blade
1 pc Metal saw blade

41772

TABLI2001
20V

P20S

Lithium-Ion Aspirator Blower

Voltage: 20V
No-load speed: 10000/12500/17000/min



Battery and
charger **NOT**
included

42783

TVLI2001
20V

P20S

Lithium-Ion
Vacuum
Cleaner

Voltage: 20V
Dust Capacity: 0.7L
Vacuum Pressure: High ≥70KPa
Normal ≥5.0KPa
Stainless steel filter net
With 1pcs crevice nozzle

With 1pcs dust brush
With 1pcs floor nozzle
With 1pcs flexible extension tube
With 2pcs extension tube
Packed by color box



Battery and
charger **NOT**
included



41775

TACLI2001
20V

P20S



Lithium-Ion Auto Air Compressor

Voltage: 20V
Max. pressure: 150PSI/10BAR

Battery and charger **NOT** included

42784

TACLI2002
11 BAR

P20S



Lithium-Ion Air Compressor

Voltage: 20V
160PSI Auto
With 3Pcs LED light
Digital display
Automatic stop at the specified pressure

Battery and charger **NOT** included

Powered by vehicle or by Lithium-Ion battery
Max pressure 11 bar
Max flow 50 lit / min
Charger 1 h
Weight: 2.2 Kg

42781

TPWLI20084

P20S

1 set 6-pattern spray gun
1 pcs 6m water inlet hose with quick connector
1 self suction connector
1 pcs 400ml foam producer
1 pcs portable bag
Packed by color box



Lithium-Ion Pressure Washer

Voltage: 20V
Max Pressure: 24.8Bar
Flow rate: 2.2L / min
Auto stop system

1 PCS 4.0AH battery
1 PCS fast charger
Charge volts: 220-240V~50/60Hz

41777

TFLI2002
20V

P20S



Lithium-Ion Work Lamp

Voltage: 20V
LED power dissipation: 20W

Battery and charger **NOT** included

41778

TFALI2002
20V

P20S



Lithium-Ion Fan

DC Voltage: 20V
AC Voltage: 220V-240V~50/60Hz
Speed settings: 2
Dimensions: 11"

Battery and charger **NOT** included

41774

TGGLI2001
100W

P20S



Lithium-Ion Glue Gun

Voltage: 20V
Input power: 20W (50W)
Gluing capacity: 15-18g / min
Glue stick diameter: 11.2mm
Heat-up time: 60 sec
Dimensions: 23cm x 30cm x 9cm
Weight: 0.5kg

P20S

43768

TMLI2001

1 pc Flexible scraper
1 pc Cutting saw blade
1 pc Segment saw blade
1 pc Sanding base
3 pcs Sanding paper
1 pc Hex key



Lithium-Ion Multi-Tool

Voltage: 20V
No-load speed 5000/20000/min

Battery and charger **NOT** included

P20S

41861

TT101116
100W



Glue Gun

Voltage: 220V-240V~50/60Hz
Input power: 20W (100W)
Gluing capacity: 13-18g / min
Glue stick diameter: 11.2mm
Packed by double blister

With 2pc blade 11.2mm glue sticks

P20S

41862

TACGT2061



Glue Gun Stick

Material: Petroleum resin
Diameter: 11.2mm
Length: 20cm
Packed by blister card



With 6pc stick

43926

TAKTMT1502
15PCS



Multi Tool Blade Set

10 pcs Aluminium-oxide delta sandpaper for Wood, size: 80mm (3 1/8")
1 pc Bi-metal standard flush-cut metal saw blade, size: 34mm (1 5/16")
1 pc GRV radial flush-cut wood saw blade, size: 34mm (1 5/16")
1 pc Bi-M(M2) segmented saw blade, dia: 87mm (3 7/16")
1 pc Delta sanding pad, size: 80mm (3 1/8")
1 pc Rigid scraper, size: 50mm (2")

41863

TB2006
2000W



Heat Gun

Voltage: 220V-240V~50/60Hz
Input power: 2000W
Temperature: 50°C / 380°C / 570°C
Airflow: 500 / 300 / 500 L/min

With 1 pc scraper and 4pc nozzles

41860

TF1301826
320W



Finishing Sander

Voltage: 220V-240V~50/60Hz
Input power: 320W
No-load speed: 14000rpm
Bottom base: 180mm x 90mm
Aluminium durable base



41853

TG1091156
950W

INDUSTRIAL



Angle Grinder

Voltage: 220V-240V-50/60Hz
Input power: 950W
No-load speed: 11000rpm
Disc diameter: 115mm
Spindle thread: M14



With 1 pc auxiliary handle

41854

TG1252306
2400W

INDUSTRIAL



Angle Grinder

Voltage: 220V-240V-50/60Hz
Input power: 2400W
No-load speed: 6300rpm
Disc diameter: 230mm
Spindle thread: M14



With 1 pc auxiliary handle
With 1 set carbon brushes

41864

TS92435526
2400W

INDUSTRIAL



Cut Off Saw

Voltage: 220V-240V-50/60Hz
Input power: 2400W
Blade size: 355x25.4x3mm
No-load speed: 3900rpm
Max. cutting capacity:
100mm in round pipe
100x100mm in square steel
120x100mm in rectangle
Max. cutting steel bar: 50mm
Packed by color box



With 1 pc 355mm cutting disc

41855

TH308268-2
800W

SDS PLUS

INDUSTRIAL



Rotary Hammer

Voltage: 220V-240V-50/60Hz
Input power: 800W
No-load speed: 0-1100rpm
Impact rate: 4000bpm
Impact energy: 2.5J
Max. drilling capacity:
Concrete: 26mm
Steel: 13mm
Wood: 30mm



With 3 drills and 2 chisels

41856

TH1153216
1500W

INDUSTRIAL



Rotary Hammer

Voltage: 220V-240V-50/60Hz
Input power: 1500W
No-load speed: 0-850rpm
Impact rate: 4400bpm
Impact energy: 5.5J
Max. drilling capacity:
Concrete: 32mm
Steel: 13mm
Wood: 40mm



With 3 drills and 2 chisels
With 1 set carbon brushes

41851

TG111136
1010W

INDUSTRIAL



Impact Drill

Voltage: 220V-240V-50/60Hz
Input power: 1010W
No-load speed: 0-2800rpm
Max. drilling capacity: 13mm
Variable speed
Forward / Reverse switch
Aluminum durable gear box



41487

TAT40122
12.5mm

INDUSTRIAL



Air Impact Wrench

Square drive: 12.5mm (1/2")
No-load speed: 7000 rpm
Max torque: 610Nm (450ft)
Weight: 2.6KG
Twin hammer mechanism
With 3 pcs socket:
(17mm, 19mm, 21mm)
With Europe, USA, Nitro and Italy
type connector

Air Consumption: 142.5l/min
(5.0cfm)
Air Pressure: 6.2bar (90psi)
Length: 187mm (7.3")
Weight: 2.6kgs (5.7lbs)
Air Inlet: 1/4"
Air hose: 3/8"
Packed by color box



41488

TAT40342
19mm

INDUSTRIAL



Air Impact Wrench

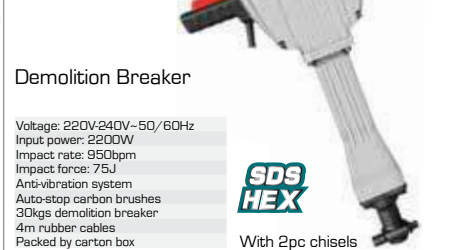
Square drive: 19mm (3/4")
No-load speed: 4000rpm
Max. torque: 1600Nm (1180ft)
Weight: 6.0kg
Twin hammer mechanism
Universal connector



41858

TH220502
2200W

INDUSTRIAL



Demolition Breaker

Voltage: 220V-240V-50/60Hz
Input power: 2200W
Impact rate: 950bpm
Impact force: 75J
Anti-vibration system
Auto-stop carbon brushes
30kgs demolition breaker
4m rubber cables
Packed by carton box



With 2pc chisels

41857

TH215456
1700W

SDS HEX

INDUSTRIAL



Demolition Breaker

Voltage: 220V-240V-50/60Hz
Input power: 1700W
Impact rate: 1400bpm
Impact force: 50J
16kgs demolition breaker



With 2pc chisels

41736

THT109062
6Ton

INDUSTRIAL



With safety valve

Hydraulic Bottle Jack

Capacity: 6Ton
Travel: 210-410mm (200mm)
Net Weight: 4.1kg

41704

TAT11601

INDUSTRIAL



Max. pressure: 12bar (174PSI)
With Europe, USA, Nitro and Italy
type connector
Packed by sliding card



41703

TAT10605

Air Spray Gun

Standard nozzle: 1.3mm
Pattern width: 180-260mm
Paint capacity: 600cc
Suitable for finishing coat
Professional for spray car
With Europe, USA, Nitro and Italy type connector
Operating pressure: 2.0bar
Air cons: 5-9cfm(141-253l/min)



41486

TATK051

5pcs

AIR



Air Tools

Recoil hose
Length: 5m
Diameter: 8mm
Air blow gun
rated pressure: ≤100PSI
max pressure: 150PSI
Air spray gun
Air pressure: 3.0-5.0bar
Aluminum cap(lower): 750cc
Fluid nozzle: 160mm-240mm
Air washing gun
Rated pressure: 90PSI
Max. pressure: ≤150PSI
Capacity: 750cc
Air tire inflating gun
Rated pressure: ≤150PSI
Max. pressure: 320PSI
Only with Europe type connector

41484

TP130005N
3000W



Gasoline Generator

Voltage: 220V-240V
Frequency: 50/60HZ
Max. output: 3000W
Rated output: 2800W
Rated speed: 3000rpm
Engine: 4 stroke, OHV
Displacement: 210ml

Cooling system: Air-cooled
Ignition system: T.C.I
Starting system: Recoil
Aluminum wire alternator
Fuel tank: 15l
Dry weight: 42kg
Packed by carton box



41752

TP165006N
6500W



Gasoline Generator

Voltage: 220V-240V
Frequency: 50HZ
Max. output: 6500W
Rated output: 5000W
Rated speed: 3000rpm
Engine: 4 stroke, OHV
Displacement: 420ml

Cooling system: Air-cooled
Ignition system: T.C.I
Starting system: Recoil + Electric
Copper wire alternator
Fuel tank: 25l
Dry weight: 84kg
Packed by carton box



41483

PBCA16008L
600A



Booster Cable with Lamp

Current: 600A
With LED lamp
Clamp size: 18x11cm
Suitable for emission < 4.5l car
Cable material: copper coated
Cable outside diameter: 10mm
Cable length: 3m



Toolbox

3 layers
Steel thickness:
0.6-0.8mm



Item No.	Size
41524 THT10701	495 x 200 x 290mm



Tool Bags

24"



Size 24"	Max load: 25kg
41790 THT16241	

Handtools Set

9pcs



Item No.	Includes
41519 THKTHP90096	3m x 16mm steel measuring tape, PH1 5x100mm phillips screwdriver, SL5.5 5x100mm slotted screwdriver, 8" adjustable wrench, 6" long nose plier, 7" combination plier, Snap-off blade knife, 190mm Screwdriver Tester, 8oz Mini claw hammer

Star Socket Set

14pcs



Heat treated
Chrome plated

Item No.	Includes
41575 THKTETSD114	5 Pcs 1/4" Socket: E4-5-6-7-8 5 Pcs 3/8" Socket: E10-11-12-14-16 4 Pcs 1/2" Socket E18-20-22-24

41746

THL013AAA2

INDUSTRIAL



Headlamp

Brightness:
Max: 200 lumens
Low: 50 lumens
Uses alkaline 3AAA battery
Max. 91m beam distance
IPX4 rain resistant
Packed by double blister with 18 pockets

SAMSUNG LED

41814

TFL013AAA1

INDUSTRIAL



Flashlight

Aviation grade aluminium alloy: 6N01-T6
Brightness: 200 lumens
Uses alkaline 3AAA battery

SAMSUNG LED

41573

TSP610

INDUSTRIAL



Face Shield

Impact resistant visor
Brim protects forehead from outside injury
Headgear with adjustable knobs
Antibacterial sweatband

41523

THPTCS70971
97 pcs

Tool Chest Set

CHEST PART:

Overall size:
520 x 215 x 243mm
Thickness of Cabinet:
0.8mm
Thickness of drawer:
0.6mm

One Top Tray Area:
506 x 215 x 63mm
Two drawers:
449 x 196 x 54mm



First drawer: 19 pcs

8 pcs Screwdrivers:
SL3x75mm, 4x100mm,
5x125mm, 6x100mm, 8x200mm,
PH1x80mm, PH2x100mm,
PH3x200mm

11 pcs Combination spanners:
6mm, 7mm, 8mm, 9mm, 10mm, 11mm,
12mm, 13mm, 14mm, 15mm, 17mm

Second drawer: 7 pcs

1 pc Combination pliers, 8"
1 pc Long nose pliers, 6"
1 pc Diagonal cut pliers, 7"
1 pc Slotted screwdriver, 10"

1 pc Pump pliers, 10"
1 pc Steel measuring tape, 3m x 16mm
1 pc Utility knife

Top chest: 70 pcs

1 pc 1/2" Ratchet wrench (45T)
1 pc 1/4" Ratchet wrench (45T)
1 pc 1/2" Spinner handle
1 pc 1/2" Universal joint
1 pc 1/4" Universal joint
1 pc 1/2" Flex handle, 375mm
2 pcs 1/2" Extension bars:
125mm (5"), 250mm (10")
2 pcs Spark plug socket 1/2":
16mm & 21mm

9 pcs Hex keys: 1.5mm, 2mm, 2.5mm,
3mm, 4mm, 5mm, 6mm, 8mm, 10mm
13 pcs 1/4" Hex sockets: 4mm,
4.5mm, 5mm, 5.5mm, 6mm, 7mm,
8mm, 9mm, 10mm, 11mm, 12mm,
13mm
18 pcs 1/2" Hex sockets: 8 - 32mm
20 pcs Screwdriver bits: SL3, SL4,
SL5, SL6, PH0, PH1, PH2, PH3, PZ0,
PZ1, PZ2, PZ3, T10, T15, T20, T30, H3,
H4, H5, H6

41574

TSP9306

Auto
Darkening
Welding
Helmet



Viewing Area: 92x42mm
Cartridge Size: 110x90x9mm
Arc Sensor: 2
Optical Class: 1/1.1/2
Light State: DIN 4
Dark State: Variable shade, 9 ~ 13
Shade Control: External Variable
Power On/Off: Fully Automatic
Sensitivity Control: AUTO
UV/IR Protection: DIN 16
Power Supply: Solar cells+2x-
CR2032 Lithium batteries

Switching Time: 1/15000S from
Light to Dark
Dark to Light (Delay): 0.1-1.0 Auto
Low Amperage TIG: ≥ 10amps(DC)
≥ 10amps(AC)
Grinding Function: YES
Low Volume Alarm: YES
Operating Temp: -5°C ~ +55°C
Storing Temp: -20°C ~ +70°C
Packed by color box

Screwdriver Set

6 pcs

New design handle



Item No.	Diameter
41516 THT250606	1 pcs SL5.5x5x75; 1 pcs SL5.5x5x100; 1 pcs SL6.5x6x150; 1 pcs PH1x5x75; 1 pcs PH1x5x100; 1 pcs PH2x6x150

41707

9 Pcs Bits Set
9 pcs



- SL4.0, SL5.5, SL6.5
- PH1, PH2, PH3
- PZ1, PZ2

Material: S2 industrial steel with
magnetic
With 1pc bit holder with quick
release
Packed by sliding card

Item No.	Diameter
41707 TACSD3091	PH1, PH2, PH3, SL4.0, SL5.5, SL6.5, PZ1, PZ2

Precision Screwdriver Set

7 pcs

New design handle
New plastic box
Ergonomic comfort-grip



Item No.	Diameter
41517 THT250726	SL2.0x50; SL2.5x50; SL3.0x50 PH0.0x50; PH0.5x50; T6x50; T8x50

Screwdriver / Precision Set

18 pcs

New design handle
Round blade
8 pcs screwdriver



Item No.	Diameter
41731 THT250618	1 pcs SL5.5x5x75 1 pcs SL6.5x6x100 1 pcs SL8.0x8x150 1 pcs SL6.5x6x38 1 pcs PH1x5x75 1 pcs PH2x6x100 1 pcs PH3x8x150 1 pcs PH2x6x38

Insulated Screwdriver Set

6 pcs

New design handle
1000V, VDE certification



Item No.	Diameter
41525 THTIS566	1 pcs SL3.0x75 1 pcs SL4.0x100 1 pcs SL6.5x150 1 pcs PH0x60 1 pcs PH1x80 1 pcs PH2x100

Hss Drill Bits Set

25 pcs

Same as BOSCH quality
Fully ground flute, 135° self-centering split
point, high quality M2 high speed steel
Packed by plastic box

Item No.	Size
42493 TACSD0251	1-13mm / 0.5mm



Ratchet Screwdriver Set

13 in 1

1 pcs ratchet handle
Folding handle
High quality ratchet



Item No.	Size (6.35x25mm)
41518 TACSD30136	SL4 SL5 SL6 SL7 PH0 PH1 PH2 PH3 PZ0 PZ1 PZ2 PZ3

Combination Spanner Set

8 pcs

Fine polished



Item No.	Size (mm)
41937 THT1022864	6, 8, 10, 13, 14, 15, 17, 19

Ratchet Spanner Set

8 pcs

High quality Cr-
Mo ratchet



Item No.	Size (mm)
41557 THT102FK086	8, 10, 12, 13, 14, 15, 17, 19

Hex Key and Torx Key Set

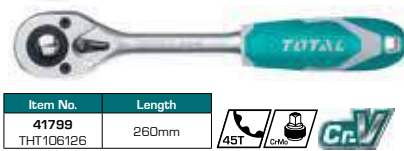
18 pcs

Extra long arm



Item No.	41798 THT106KT0181
Hex Key Sizes	1.5 - 10mm
Torx Key Sizes	T10 - T50

Ratchet Wrench 1/2"



Item No.	Length
41799 THT106126	260mm



Chalk Line Reel 30m

With 1 pcs bottle chalk
With 1 pcs spirit bubble

Item No.	Length
41550 THT661301	30m



Ratchet Screwdriver Set 8pcs

High quality ratchet
New design handle



Item No.	Diameter
41732 TACSD300086	SL5x25 SL6x25 PH1x25 PH2x25



1/2" Impact Socket Set 10pcs

Heat treatment
Packed by plastic hanger

Item No.	Material	Sizes
42790 THSTD12101	Cr-Mo	10, 12, 13, 14, 15, 17, 19, 21, 22 & 24



1/2" Socket Set 12pcs

Micro finished and chrome plated
45T quick release ratchet handle

Item No.	Sockets (mm)
41520 THT141121	10, 11, 12, 13, 14, 15, 17, 19, 21, 24



Insulated Pliers Set 3pcs

Cr-V black finish and polish
Two color handle
Stand high pressure: 1000V
Packed by PP hanger

Item No.	Diameter
42788 THT2K0302	8" Combination pliers 6" Long nose pliers 7" Diagonal cutting pliers



High Leverage Pliers Set 3pcs

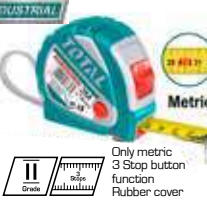
Cr-V, black finish and polish
TPR two color handle
Packed by PP hanger

Item No.	Diameter
41502 THT2K0301S	8" Combination pliers 6" Long nose pliers 7" Diagonal cutting pliers



Steel Measuring Tape 3m/5m/8m

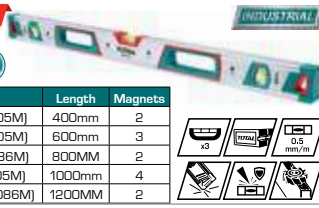
Item No.	Length & Width
41562 TMT126031M	3m x 16mm
41563 TMT126051M	5m x 19mm
41564 TMT126081M	8m x 25mm
41743 TMT126101M	10m x 25mm



Spirit Level 1.5mm

magnet

Item No.	Length	Magnets
41567 (TMT20405M)	400mm	2
41568 (TMT20605M)	600mm	3
43769 (TMT28086M)	800mm	2
41569 (TMT21005M)	1000mm	4
43770 (TMT212086M)	1200mm	2



Vernier Caliper 0-150mm

Carbon-steel

Item No.	Range	Reading
41744 TMT311501	0-150mm	0.05mm



High Leverage Long Nose Pliers 200mm

Cr-V, black finish and polish
TPR two color handle
Packed by PP hanger

Item No.	Size
41501 THT220806S	8"/200mm



High Leverage Combination Pliers 200mm

Cr-V, black finish and polish
TPR two color handle
Packed by PP hanger

Item No.	Size
41499 THT210806S	8"/200mm



High Leverage Heavy-duty Diagonal Pliers 180mm

Cr-V, black finish and polish
TPR two color handle
Packed by PP hanger

Item No.	Size
41500 THT27716S	7"/180mm



Pump Pliers 250mm

Cr-V, black finish and polish
TPR two color handle
Packed by PP hanger

Item No.	Size	Max Clamping Open
41498 THT281006	10"/250mm	40mm



Rabbit Pliers 250mm

Cr-V, black finish and polish
Packed by PP hanger

Item No.	Size
41753 THT28101	10"/250mm



Curved Jaw Locking Plier 10"

Item No.	Size
41715 THT191003	10"



Adjustable Wrench 200mm/250mm

Unique handle design
Two color rubber handle

Item No.	Size	Adjustable Clamp Size
41559 THT101086	200mm	0-30mm



Adjustable Wrench 300mm

Unique handle design
Two color rubber handle

Item No.	Size	Adjustable Clamp Size
41561 THT101126	300mm	0-41mm



Ratcheting Pipe Wrench 350mm

Item No.	Size	Clamping Diameter
41729 THT171142	350mm	18-52mm



Pipe Wrench 300mm

Inactivate treatment
Body material: ductile cast iron
Black finish and polish

Item No.	Size	Max. Clamping Diameter
41505 THT171206	300mm	42mm



Pipe Wrench 24"

Inactivate treatment
Body material: ductile cast iron
Black finish and polish

Item No.	Size	Max. Clamping Diameter
41508 THT171246	24"	76mm



Wire Stripper 0.5mm - 6mm

With cutting function
PP covered TPR handle
65Mn material blade

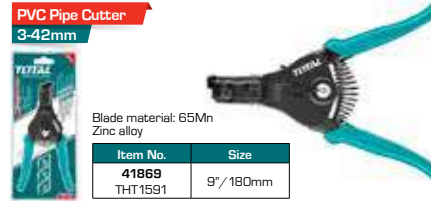
Item No.	Stripper diameter	Size
41868 THT15606	0.5mm - 6mm	225mm







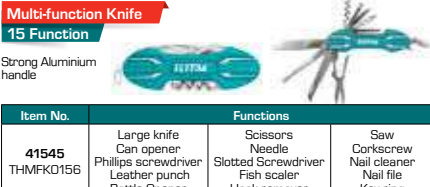
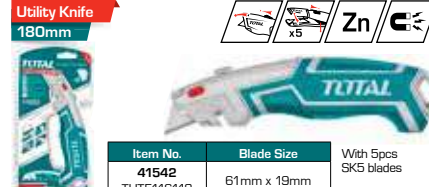



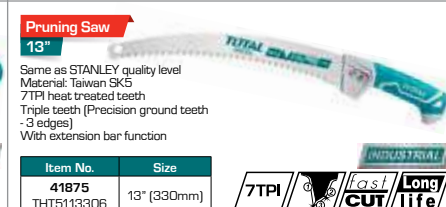






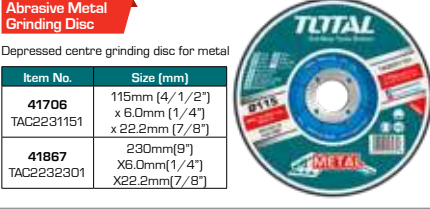
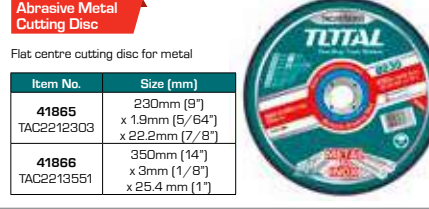



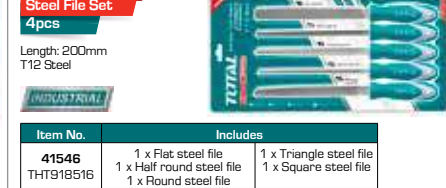


PVC Pipe Cutter 3-42mm

Blade material: 65Mn
Zinc alloy

Item No.	Size
41869 THT1591	9"/180mm



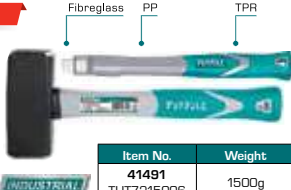
<div>Pipe Cutter 3-32mm</div> <div></div> <div><p>Copper and aluminum pipe cutter</p></div> <div><table><tr><th>Item No.</th><th>Cutting diameter</th></tr><tr><td>41788 THT53321</td><td>3 - 32mm</td></tr></table></div>	Item No.	Cutting diameter	41788 THT53321	3 - 32mm	<div>PVC Pipe Cutter 3-42mm</div> <div></div> <div><p></p></div> <div><table><tr><th>Item No.</th><th>Cutting diameter</th><th>Length</th></tr><tr><td>41787 THT53422</td><td>3 - 42mm</td><td>225mm</td></tr></table></div>	Item No.	Cutting diameter	Length	41787 THT53422	3 - 42mm	225mm	<div>Wire Stripper 250mm</div> <div></div> <div><p>Carbon-steel</p></div> <div><table><tr><th>Item No.</th><th>Size</th></tr><tr><td>41730 THT115102</td><td>10"/250mm</td></tr></table><p>Black finish and polish Packed by half double blister</p></div>	Item No.	Size	41730 THT115102	10"/250mm						
Item No.	Cutting diameter																					
41788 THT53321	3 - 32mm																					
Item No.	Cutting diameter	Length																				
41787 THT53422	3 - 42mm	225mm																				
Item No.	Size																					
41730 THT115102	10"/250mm																					
<div>Bolt Cutter 18"</div> <div></div> <div><p>Comfortable rubber handle</p></div> <div><table><tr><th>Item No.</th><th>Size</th></tr><tr><td>41511 THT113186</td><td>18"</td></tr></table><p>Black finish and polish TPR two color handle</p></div>	Item No.	Size	41511 THT113186	18"	<div>Bolt Cutter 30"</div> <div></div> <div><p>Comfortable rubber handle</p></div> <div><table><tr><th>Item No.</th><th>Size</th></tr><tr><td>41513 THT113306</td><td>30"</td></tr></table><p>Black finish and polish TPR two color handle</p></div>	Item No.	Size	41513 THT113306	30"	<div>Tin Snip 10"</div> <div></div> <div><p>Max. cutting thickness: Carbon steel ≤ 0.8mm Stainless steel ≤ 0.6mm</p></div> <div><table><tr><th>Item No.</th><th>Size</th></tr><tr><td>41734 THT524101</td><td>10"</td></tr></table><p>Drop-forged steel Double dipped grip handle</p></div>	Item No.	Size	41734 THT524101	10"								
Item No.	Size																					
41511 THT113186	18"																					
Item No.	Size																					
41513 THT113306	30"																					
Item No.	Size																					
41734 THT524101	10"																					
<div>Multi-function Knife 15 Function</div> <div></div> <div><p>Strong Aluminium handle</p></div> <div><table><tr><th>Item No.</th><th>Functions</th></tr><tr><td>41545 THMF0D156</td><td>Large knife Can opener Phillips screwdriver Leather punch Bottle Opener Scissors Needle Slotted Screwdriver Fish scaler Hook remover Saw Corkscrew Nail cleaner Nail file Key ring</td></tr></table></div>	Item No.	Functions	41545 THMF0D156	Large knife Can opener Phillips screwdriver Leather punch Bottle Opener Scissors Needle Slotted Screwdriver Fish scaler Hook remover Saw Corkscrew Nail cleaner Nail file Key ring	<div>Utility Knife 180mm</div> <div></div> <div><p></p></div> <div><table><tr><th>Item No.</th><th>Blade Size</th><th>With 5pcs SK5 blades</th></tr><tr><td>41542 THT5116118</td><td>61mm x 19mm</td><td></td></tr></table></div>	Item No.	Blade Size	With 5pcs SK5 blades	41542 THT5116118	61mm x 19mm		<div>Blades Set 10pcs</div> <div></div> <div><table><tr><th>Item No.</th><th>Blade Size</th></tr><tr><td>41544 THT519611</td><td>61mm x 19mm</td></tr></table></div>	Item No.	Blade Size	41544 THT519611	61mm x 19mm						
Item No.	Functions																					
41545 THMF0D156	Large knife Can opener Phillips screwdriver Leather punch Bottle Opener Scissors Needle Slotted Screwdriver Fish scaler Hook remover Saw Corkscrew Nail cleaner Nail file Key ring																					
Item No.	Blade Size	With 5pcs SK5 blades																				
41542 THT5116118	61mm x 19mm																					
Item No.	Blade Size																					
41544 THT519611	61mm x 19mm																					
<div>Sabre Saw Blade 2pcs</div> <div></div> <div><p>Tooth design: side set, ground teeth, 6 teeth per inch (TPI).</p></div> <div><table><tr><th>Item No.</th><th>Range of application</th></tr><tr><td>43925 TAC52644D</td><td>Construction timber: <100mm, Wooden wall: <100mm, Boards, Chipboards, Medium density fibreboard (MDF): 6-60mm, Plywood, Plastic: <100mm, especially for Plunge cuts</td></tr></table></div>	Item No.	Range of application	43925 TAC52644D	Construction timber: <100mm, Wooden wall: <100mm, Boards, Chipboards, Medium density fibreboard (MDF): 6-60mm, Plywood, Plastic: <100mm, especially for Plunge cuts	<div>Folding Saw 7"</div> <div></div> <div><p>Same as STANLEY quality level Material: Taiwan SK5 7TPI heat treated teeth Triple teeth (Precision ground teeth -3 edges) With hand protection function</p></div> <div><table><tr><th>Item No.</th><th>Size</th></tr><tr><td>41874 THFSW1806</td><td>7" (180mm)</td></tr></table><p>7TPI Last cut Long life</p></div>	Item No.	Size	41874 THFSW1806	7" (180mm)	<div>Pruning Saw 13"</div> <div></div> <div><p>Same as STANLEY quality level Material: Taiwan SK5 7TPI heat treated teeth Triple teeth (Precision ground teeth -3 edges) With extension bar function</p></div> <div><table><tr><th>Item No.</th><th>Size</th></tr><tr><td>41875 THT5113306</td><td>13" (330mm)</td></tr></table><p>7TPI Last cut Long life</p></div>	Item No.	Size	41875 THT5113306	13" (330mm)								
Item No.	Range of application																					
43925 TAC52644D	Construction timber: <100mm, Wooden wall: <100mm, Boards, Chipboards, Medium density fibreboard (MDF): 6-60mm, Plywood, Plastic: <100mm, especially for Plunge cuts																					
Item No.	Size																					
41874 THFSW1806	7" (180mm)																					
Item No.	Size																					
41875 THT5113306	13" (330mm)																					
<div>Hacksaw Frame 12"</div> <div></div> <div><p>Unique design industrial frame Heavy duty steel frame Aluminium + ABS + TPR handle Adjustable tension Quick-release blade changing mechanism</p></div> <div><table><tr><th>Item No.</th><th>Size</th></tr><tr><td>41539 THT54106</td><td>300mm (12")</td></tr></table></div>	Item No.	Size	41539 THT54106	300mm (12")	<div>Hand Saw 22"</div> <div></div> <div><p>7TPI With teeth protector Heat treated</p></div> <div><table><tr><th>Item No.</th><th>Size</th><th>Thickness</th></tr><tr><td>41540 THT55226</td><td>550mm (22")</td><td>0.9mm</td></tr></table></div>	Item No.	Size	Thickness	41540 THT55226	550mm (22")	0.9mm	<div>Bow Saw 24"</div> <div></div> <div><p>Handle hack saw frame</p></div> <div><table><tr><th>Item No.</th><th>Size</th></tr><tr><td>41817 THT59241</td><td>610mm (24")</td></tr></table></div>	Item No.	Size	41817 THT59241	610mm (24")						
Item No.	Size																					
41539 THT54106	300mm (12")																					
Item No.	Size	Thickness																				
41540 THT55226	550mm (22")	0.9mm																				
Item No.	Size																					
41817 THT59241	610mm (24")																					
<div>Abrasive Metal Cutting Disc Set 50pcs</div> <div></div> <div><table><tr><th>Item No.</th><th>Includes</th></tr><tr><td>42787 TAC22111550</td><td>50pcs/shrink 115MM(4 1/2") x 1.2MM(3/64")x22.2MM(7/8") Flat centre Cutting disc for metal and INOX Packed by plastic box</td></tr></table></div>	Item No.	Includes	42787 TAC22111550	50pcs/shrink 115MM(4 1/2") x 1.2MM(3/64")x22.2MM(7/8") Flat centre Cutting disc for metal and INOX Packed by plastic box	<div>Abrasive Metal Cutting Disc Set 10pcs</div> <div></div> <div><p>Flat centre cutting disc for metal Packed by metal box</p></div> <div><table><tr><th>Item No.</th><th>Size (mm)</th></tr><tr><td>41490 TAC2211155</td><td>115mm (4 1/2") x 1.2mm (3/64") x 22.2mm (7/8")</td></tr></table></div>	Item No.	Size (mm)	41490 TAC2211155	115mm (4 1/2") x 1.2mm (3/64") x 22.2mm (7/8")	<div>Flap Disc</div> <div></div> <div><p>Suitable for high steel, steel, cast iron and sheet steel</p></div> <div><table><tr><th>Item No.</th><th>Ø (mm)</th></tr><tr><td>41783 TAC631151</td><td>115, P40</td></tr><tr><td>41784 TAC631152</td><td>115, P60</td></tr><tr><td>41785 TAC631153</td><td>115, P80</td></tr></table></div>	Item No.	Ø (mm)	41783 TAC631151	115, P40	41784 TAC631152	115, P60	41785 TAC631153	115, P80				
Item No.	Includes																					
42787 TAC22111550	50pcs/shrink 115MM(4 1/2") x 1.2MM(3/64")x22.2MM(7/8") Flat centre Cutting disc for metal and INOX Packed by plastic box																					
Item No.	Size (mm)																					
41490 TAC2211155	115mm (4 1/2") x 1.2mm (3/64") x 22.2mm (7/8")																					
Item No.	Ø (mm)																					
41783 TAC631151	115, P40																					
41784 TAC631152	115, P60																					
41785 TAC631153	115, P80																					
<div>Abrasive Metal Grinding Disc</div> <div></div> <div><p>Depressed centre grinding disc for metal</p></div> <div><table><tr><th>Item No.</th><th>Size (mm)</th></tr><tr><td>41706 TAC2231151</td><td>115mm (4 1/2") x 6.0mm (1/4") x 22.2mm (7/8")</td></tr><tr><td>41867 TAC2232301</td><td>230mm(9") x 6.0mm(1/4") x 22.2mm(7/8")</td></tr></table></div>	Item No.	Size (mm)	41706 TAC2231151	115mm (4 1/2") x 6.0mm (1/4") x 22.2mm (7/8")	41867 TAC2232301	230mm(9") x 6.0mm(1/4") x 22.2mm(7/8")	<div>Abrasive Metal Cutting Disc</div> <div></div> <div><p>Flat centre cutting disc for metal</p></div> <div><table><tr><th>Item No.</th><th>Size (mm)</th></tr><tr><td>41865 TAC2212303</td><td>230mm (9") x 1.9mm (5/64") x 22.2mm (7/8")</td></tr><tr><td>41866 TAC2213551</td><td>350mm (14") x 3mm (1/8") x 25.4 mm (1")</td></tr></table></div>	Item No.	Size (mm)	41865 TAC2212303	230mm (9") x 1.9mm (5/64") x 22.2mm (7/8")	41866 TAC2213551	350mm (14") x 3mm (1/8") x 25.4 mm (1")	<div>Wrecking Bar</div> <div></div> <div><table><tr><th>Item No.</th><th>Size (A x B x C)</th></tr><tr><td>41796 THT431242</td><td>24" (600mm) x 1-1/5" (30mm) x 16/25" (16.0mm)</td></tr></table></div>	Item No.	Size (A x B x C)	41796 THT431242	24" (600mm) x 1-1/5" (30mm) x 16/25" (16.0mm)				
Item No.	Size (mm)																					
41706 TAC2231151	115mm (4 1/2") x 6.0mm (1/4") x 22.2mm (7/8")																					
41867 TAC2232301	230mm(9") x 6.0mm(1/4") x 22.2mm(7/8")																					
Item No.	Size (mm)																					
41865 TAC2212303	230mm (9") x 1.9mm (5/64") x 22.2mm (7/8")																					
41866 TAC2213551	350mm (14") x 3mm (1/8") x 25.4 mm (1")																					
Item No.	Size (A x B x C)																					
41796 THT431242	24" (600mm) x 1-1/5" (30mm) x 16/25" (16.0mm)																					
<div>Cold Chisel</div> <div></div> <div><table><tr><th>Item No.</th><th>Head Size</th><th>Handle Size</th><th>Length</th></tr><tr><td>41794 THT4411216</td><td>19mm</td><td>16mm</td><td>305mm</td></tr><tr><td>41795 THT4411219</td><td>25mm</td><td>19mm</td><td>305mm</td></tr></table></div>	Item No.	Head Size	Handle Size	Length	41794 THT4411216	19mm	16mm	305mm	41795 THT4411219	25mm	19mm	305mm	<div>Wood Chisel Set 4pcs</div> <div></div> <div><p>Packed by single card</p></div> <div><table><tr><th>Item No.</th><th>Size</th></tr><tr><td>41733 THT41K0401</td><td>Width: 6mm, 12mm, 19mm, 25mm Length: 140mm</td></tr></table></div>	Item No.	Size	41733 THT41K0401	Width: 6mm, 12mm, 19mm, 25mm Length: 140mm	<div>Steel File Set 4pcs</div> <div></div> <div><p>Length: 200mm T12 Steel</p></div> <div><table><tr><th>Item No.</th><th>Includes</th></tr><tr><td>41546 THT918516</td><td>1 x Flat steel file 1 x Half round steel file 1 x Square steel file</td></tr></table></div>	Item No.	Includes	41546 THT918516	1 x Flat steel file 1 x Half round steel file 1 x Square steel file
Item No.	Head Size	Handle Size	Length																			
41794 THT4411216	19mm	16mm	305mm																			
41795 THT4411219	25mm	19mm	305mm																			
Item No.	Size																					
41733 THT41K0401	Width: 6mm, 12mm, 19mm, 25mm Length: 140mm																					
Item No.	Includes																					
41546 THT918516	1 x Flat steel file 1 x Half round steel file 1 x Square steel file																					

Stoning Hammer 1500g

45# Carbon Steel
Heat treated
Unique fibreglass handle
Packed by label



Drop forged



Item No.	Weight
41491 THT7215006	1500g

Sledge Hammer 4LB

45# Carbon Steel
Heat treated
New style fibreglass handle
Packed by label



Drop forged

Item No.	Weight
41708 THT79046	4LB

Sledge Hammer 12LB

45# Carbon Steel
Heat treated
Unique design 900mm fibreglass handle
Packed by label



Drop forged

Item No.	Weight
41497 THT750516	12LB

Claw Hammer 450g

45# Carbon Steel
Heat treated
Unique fibreglass handle
Packed by label



Drop forged

Item No.	Weight
41493 THT73166	16oz / 450g

Ball Pein Hammer 660g/1300g

45# Carbon Steel
Heat treated
Unique fibreglass handle
Packed by label



Drop forged

Item No.	Weight
41494 THT74246	24oz / 660g

Rubber Hammer 450g

Unique fibreglass handle
Packed by label



Item No.	Weight
41495 THT761616	16oz / 450g

Dead Blow Mallet 2LB

Non-marring plastic faces
Non-rebounding
Non-spark
Unique fibreglass handle
Packed by label



Item No.	Weight
41709 THT79021	2LB

AXE 800g

45# Carbon Steel
Heat treated
Unique fibreglass handle
Packed by label



Item No.	Weight	Length
41710 THT788006	800g	390mm

AXE 1250g

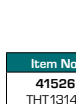
45# Carbon Steel
Heat treated
Unique fibreglass handle
Packed by label



Item No.	Weight	Length
41711 THT7812506	1250g	700mm

G Clamp 4"

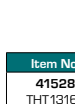
Body malleable cast iron
T-shaped thread



Item No.	Size
41526 THT13141	4"

G Clamp 6"

Body malleable cast iron
T-shaped thread



Item No.	Size
41528 THT13161	6"

Quick Bar Clamps 63 x 450mm

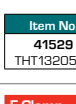
Max. clamp force: 60kgs
Thickness and width of
iron ruler: 5 x 18mm



Item No.	Clamp Size
42426 THT1340603	63 x 450mm

F Clamp 50 x 150mm

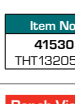
Max. clamp force: 170kgs
Thickness and width of
iron ruler: 5 x 15mm
Diameter of screw thread:
11mm



Item No.	Clamp Size
41529 THT1320501	50 x 150mm

F Clamp 50 x 200mm

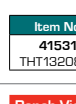
Max. clamp force: 170kgs
Thickness and width of
iron ruler: 5 x 15mm
Diameter of screw thread:
11mm



Item No.	Clamp Size
41530 THT1320502	50 x 200mm

F Clamp 80 x 300mm

Max. clamp force: 270kgs
Thickness and width of
iron ruler: 6 x 22mm
Diameter of screw thread:
13.5mm



Item No.	Clamp Size
41531 THT1320801	80 x 300mm

F Clamp 120 x 500mm

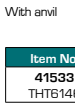
Max. clamp force: 450kgs
Thickness and width of
iron ruler: 8 x 30mm
Diameter of screw thread:
15.3mm



Item No.	Clamp Size
41532 THT1321203	120 x 500mm

Bench Vice 4"

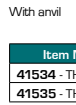
With anvil



Item No.	Swivel Base Size	Weight	Max. Force
41533 THT6146	4"	6.7kg	1300kgs

Bench Vice 6"

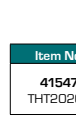
With anvil



Item No.	Swivel Base Size	Weight	Max. Force
41534 - THT6166	6"	11.2kg	1600kgs
41535 - THT6186	8"	21kg	2500kgs

Caulking Gun 9"

Iron shank
with teeth



Item No.	Size
41547 THT20209	Thickness: 0.8mm Length: 235mm Width: 55mm

Hand Riveter 10.5"

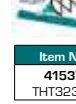
Aluminium alloy body



Item No.	Length	Rivet Size (mm)
41536 THT32105	10.5"	2.4, 3.2, 4, 4.8

Folding Hand Riveter 815mm

Aluminium alloy body



Item No.	Length	Rivet Size (mm)
41537 THT32321	815mm (32")	3.2, 4, 4.8, 6, 6.4

Paint Brush 1" / 1.5"

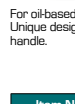
For oil-based paint
Unique design plastic
handle.



Item No.	Width	Bristle Length	Thickness
41551 THT846016	1"	45mm	10mm

Paint Brush 2"

For oil-based paint
Unique design plastic
handle.



Item No.	Width	Bristle Length	Thickness
41553 THT846026	2"	51mm	11mm

Paint Brush 3" / 4"

For oil-based paint
Unique design plastic
handle.



Item No.	Width	Bristle Length	Thickness
41554 THT846036	3"	57mm	12mm

Construction tools for each of YOUR needs



POWER TOOLS FOR THE TRADE PROFESSIONALS - CORDLESS RANGE

IMPACT DRIVER

GSB 18V-50



TECHNICAL DATA:

Rated Voltage [V]:	18
Max. torque (hard / soft joint) [Nm]:	28/50/50 Nm
No-load speed (1st gear/2nd gear):	0 - 460 / 0 - 1,800 rpm
Max. impact rate:	27,000 bpm
Max. drilling Ø in:	
aluminium /	13 mm/
wood /	35 mm/
steel /	13 mm/
masonry	13 mm

IMPACT DRIVER

GDX 180-LI



TECHNICAL DATA:

Battery voltage [V]:	18
Max. Torque [Nm]:	180 Nm
No load speed [1/min]:	0 - 2800
Impact rate [1/min]:	0 - 3600
Screw Ø	6 M - 16 M
Tool holder:	
1/4" Internal hexagon & 1/2" external square	

IMPACT DRIVER

GDS 250-LI



TECHNICAL DATA:

Battery voltage [V]:	18
Max. Torque [Nm]:	250 Nm
No load speed [1/min]:	0 - 2400
Impact rate [1/min]:	0 - 3300
Screw Ø	10 M - 18 M
Tool holder:	
1/2" External square through hole	

SCREWDRIVER

BOSCH GO



TECHNICAL DATA:

Voltage	[V]	3.6
Battery	[Ah]	1.5 (Inbuild)
Torque	[Nm]	3.0
Speed	[rpm]	300
Variable speed	Yes/No	No
Switch		Push Start
	▲	Forward
	-	STOP
	▼	Reverse
Torque adjustment	[Nm]	0.5~3.0
Full power at Reverse	Yes/No	Yes
Charging port		Micro-USB
Charging indicator	Yes/No	Yes
Charging time	[min]	90
Tool holder		1/4" Inter HEX
Tool holder length	mm	15
Spindle Lock	Yes/No	Yes
LED light	Yes/No	No

SMALL ANGLE GRINDER

GWS 18-LI



TECHNICAL DATA:

No-load speed:	10000 rpm
Battery voltage:	18 V
Tools	
Grinding/cutting disc, diameter:	115 mm
Rubber backing pad, diameter:	115 mm
Surface grinding (roughing)	
Vibration emission value ah:	
Uncertainty K:	
Sanding with sanding sheet	6 m/s ²
Vibration emission value ah:	1.5 m1s ²
Uncertainty K:	
	2.5 m/s ²
	1.5 m/s ²

**BOSCH**

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POWER TOOLS FOR THE TRADE PROFESSIONALS

SMALL ANGLE GRINDER

GWS 9-115 P

**TECHNICAL DATA:**

Rated input power: 900 W
 No-load speed: 11,500 rpm
 Disc Ø (mm): 115
 Grinding spindle thread: M14
 Part number: 0601396505

SMALL ANGLE GRINDER

GWS 15-125CIEP

**TECHNICAL DATA:**

Rated power input: 1,500 W
 No-load speed: 2,800 - 11,500
 Grinding spindle thread: M14
 Disc Ø (mm): 125
 Rubber sanding plate Ø (mm): 125
 Wire cup brush Ø (mm): 75
 Weight: 2,4 Kg

SMALL ANGLE GRINDER

GWS 15-125 CIPX

**TECHNICAL DATA:**

Rated power input: 1,500 W
 No-load speed: 2,800 - 11,500
 Grinding spindle thread: M14
 Disc Ø (mm): 125
 Wire cup brush Ø (mm): 75
 Weight: 2,4 Kg

SMALL ANGLE GRINDER

GWS 15-150 CIP

**TECHNICAL DATA:**

Rated power input: 1500W
 No-load speed: 9300 rpm
 Disc Ø (mm): 150
 Grinding spindle thread: M14
 Weight: 2,4 kg

LARGE ANGLE GRINDER

GWS 24-230 JVX

**TECHNICAL DATA:**

Idle speed: 6,500 1/min
 Rated power input: 2400W
 Grinding spindle thread: M14
 Roughing/cutting Disc Ø (mm): 230

Functions:
 Starting current limitation
 Bosch Brake System
 Soft Start
 Weight: 6,6 kg

LARGE ANGLE GRINDER

GWS 26-230 B

**TECHNICAL DATA:**

Rated power input (W): 2,500 W
 Disc Ø (mm): 230
 No-load speed: 6,500 rpm
 Grinding spindle thread: M14
 Part number: 0601856303

STRAIGHT GRINDER

GGG 28C

**TECHNICAL DATA:**

Idle speed: 28000 1/min
 Rated power input: 650 W
 Tools
 Spindle collar Ø (mm): 43
 Grinding stones DIN 69 170
 up to 25 mm diameter
 Weight: 1,60 kg

STRAIGHT GRINDER

GGG 28 LC

**TECHNICAL DATA:**

Idle speed: 28000 1/min
 Rated power input: 650W
 Dimensions (L x H): 375 x 75mm
 Tools
 Spindle collar Ø (mm): 43
 Max. collet Ø (mm): 8
 Max Grinding Tool Ø (mm): 50
 Weight: 1,60 kg

IMPACT WRENCH

GDS 18 E

**TECHNICAL DATA:**

Rated power input: 500W
 Torque, max.: 70- 50Nm
 Electronically Adjustable
 Rated speed: 500 - 1,300 rpm
 Weight: 3,20 kg

IMPACT WRENCH

GDS 24

**TECHNICAL DATA:**

Rated power input: 800W
 Torque, max.: 600,0Nm
 Bolt: 24 M
 Rated speed: 950 rpm
 Weight: 5,70 kg

IMPACT WRENCH

GDS 30

**TECHNICAL DATA:**

Rated power input: 920W
 Torque, max.: 1000,0Nm
 Bolt: 30 M
 Weight: 7,30 kg

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POWER TOOLS FOR THE TRADE PROFESSIONALS**IMPACT DRILL****GSB 19-2 RE****TECHNICAL DATA:**

Rated power input: 850 W
 No-load speed: 0 – 1.000 / 3.000 rpm
 Rated speed: 0 – 770 / 1.990 rpm
 Torque (soft screwdriving applications): 36,0 / 15,5 Nm
 Rated torque: 5,2 / 2,0 Nm
 Drill spindle connecting thread: 1/2" – 20 UNF
 Chuck capacity: 1,5 – 13 mm
 Impact rate at no-load speed: 0–17.000/51.000 bpm
 Max. torque: 36,0 / 15,5 Nm
 Weight: 2,6 kg

IMPACT DRILL**GSB 21-2RE****TECHNICAL DATA:**

Rated power input: 1100 W
 No-load speed: 0-900 / 3.000 rpm
 Weight: 2,9 kg
 Rated speed: 0-580 / 1.900 rpm
 Torque (soft screwdriving applications): 40,0 / 14,5 Nm
 Rated torque: 9,6 / 3,2 Nm
 Drill spindle connecting thread: 1/2"-20 UNF
 Chuck capacity: 1,5-13 mm
 Impact rate at no-load speed: 0-15.300 / 51.00 bpm
 Max. torque: 40,0 / 14,5 Nm
 Weight: 2,9 kg

ROTARY HAMMER**GBH2-28DV****TECHNICAL DATA:**

Rated power input: 850 W
 Max. impact energy: 3,2 J
 Impact rate at rated speed: 0 – 4.000 bpm
 Rated speed: 0 – 900 rpm
 Toolholder: SDS-plus
 Max. drilling diameter in steel: 13 mm
 Max. drilling diameter BSC-GDS 30 in wood: 30 mm
 Weight: 2,9 kg

JIGSAW**GST 150 BCE****TECHNICAL DATA:**

Rated power input: 780 W
 No-load stroke rate: 500–3.100spm
 Cable length: 4 m
 Stroke height: 26 mm
 Cutting depth: 26 mm
 Cutting depth in wood: 26 mm
 Cutting depth in aluminium: 150 mm
 Cutting depth in non-alloyed steel: 20 mm
 Weight: 10 mm
 2,7 kg

ROTARY HAMMER**GBH 5-40 D****TECHNICAL DATA:**

Rated power input: 1050 W
 Max. impact energy: 5,9 J
 Impact rate at rated speed: 2.900 bpm
 Toolholder: SDS-max
 Drilling diameter in concrete with hammer drill bits: 16 – 38 mm
 Drilling diameter in concrete with breakthrough drill bits: 45 – 55 mm
 Drilling diameter in concrete with core cutters: 40 – 90 mm
 Weight: 5,8 kg

ROTARY HAMMER**GBH 8-45D/DV****TECHNICAL DATA:**

Rated power input: 1500 W
 Max. impact energy: 12,5 J
 Impact rate at rated speed: 1.380-2.720bpm
 Toolholder: SDS-max
 Drilling diameter in concrete with:
 - Hammer drill bits: 12-45 mm
 - Breakthrough drill bits: 20-40 mm
 - Core cutters: 125 mm
 Optimum range of applications in concrete with hammer drill bits: 80 mm
 Weight: 8,2 kg

DEMOLITION HAMMER**GSH 11 E****TECHNICAL DATA:**

Rated power input: 1500 W
 Max. impact energy: 16,8 J
 Impact rate at rated speed: 900 – 1.890bpm
 Toolholder: SDS-max
 Length: 570 mm
 Height: 270 mm
 Weight: 10,1 kg

DEMOLITION HAMMER**GSH 16-28****TECHNICAL DATA:**

Rated power input: 1750 W
 Impact rate at rated speed: 1300 bpm
 Impact energy: 41J
 Vibration emission value ah: 13 /s²
 Weight: 17.9 kg

DEMOLITION HAMMER**GSH 27 VC****TECHNICAL DATA:**

Rated power input: 2000 W
 Max. impact energy: 62 J
 Impact rate at rated speed: 1.000 bpm
 Toolholder: 28 mm internal hexagon
 Weight: 29,5 kg



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DIGITAL MEASURING TOOLS FOR THE PROFESSIONALS

MEASURING

GLM 50 C



TECHNICAL DATA:

Laser Single Beam / Range 0,05 – 50 metres / Accuracy +/- 1.5 mm / Colour display / Bluetooth / Measuring Master app / 360° incline sensor / 2 x Batteries / Protective Bag

MEASURING

GLM 120 C



TECHNICAL DATA:

Laser Single Beam / Range 0,08 – 120 metres / Accuracy +/- 1.5 mm / 3.6 V Li-Ion battery / Storage 50 (measurements & pictures) / Bluetooth / Measuring Master app / 360° Tilt sensor / 5 MP Digital viewfinder

LEVELLING

GCL 2-50 G



TECHNICAL DATA:

The GCL 2-50 G Professional provides working range lines up to 15 m (dots: up to 10 m), expandable up to 50 m with the optional receiver LR 7 Professional. The RM 10 Professional is compatible with the optional DK 10 Professional ceiling clip for ceiling applications or fine height adjustments.

LEVELLING

GLL 3-80



TECHNICAL DATA:

The GLL 3-80 Professional is perfect for fast self-levelling and it is capable of selflevelling on non-level surfaces up to +/- 4° in less than 4 seconds with excellent precision of ± 0.3 mm/m*/**. It has a working range of up to 120 m when using the optional LR 6 or LR 7 Professional receiver. This line laser is compact, easy to handle, and extremely robust (IP54).

LEVELLING

GLL 3-80 G



TECHNICAL DATA:

The GLL 3-80 G Professional can self-level up to ± 4° in less than 4 seconds, has a precision of ± 0.3 mm/m*/**, and a range of up to 120 m with the optional laser receiver LR 7. It is compact, easy to handle, and robust.

LEVELLING

GAM 220 MF



TECHNICAL DATA:

Compound Mitre Angle Measurer / Range 0° - 220° / Accuracy ± 0,1° / Illuminated flip display / Length 400mm / Mechanical lock function / 4 x AAA Batteries / Leg Extension / Protective soft case

LEVELLING

GPL 5 G



TECHNICAL DATA:

This 5-point laser also features an easy-to-use interface with a two-position switch: when turned on, it automatically selflevels, when turned off, the pendulum is locked.

LEVELLING

GRL 300 HV SET



TECHNICAL DATA:

Rotation Laser / Horizontal & Vertical / 300 meter Radius / Plumb Beam / Receiver LR1

LEVELLING

GOL 32 D



TECHNICAL DATA:

Optical level ideal for Surveying, 32 times magnification.

ACCESSORIES

LASER GLASSES



TECHNICAL DATA:

Laser viewing glasses (red)

ACCESSORIES

GR 500



TECHNICAL DATA:

For all measurements of floor heights | Robust, high-quality aluminium profile | Extendible up to 5 m | For use even under extreme conditions

ACCESSORIES

BT 170 HD



TECHNICAL DATA:

Working Height 107 - 165cm, Weight 5.5kg, Thread 5/8"

ACCESSORIES

LR 7



TECHNICAL DATA:

Green and Red Receiver up to 50m. Ideal for GLL 5-50 and GCL 2-50C

DETECTING

GMS 120



TECHNICAL DATA:

Detectable depth: Metal - Ferrous 120mm - Non Ferrous 80mm; Live Copper Cables 50mm; Wooden substructure 40mm; Warning Signal (Acoustic / Optical); 1 Battery / Protective Bag

DETECTING

D-TECT 120 PROFESSIONAL



TECHNICAL DATA:

Detectable depth: Metal: 120mm, Live cables: 60mm, Water-filled plastic pipes: 60mm, Wooden substructure: 35mm; Warning Signal (Acoustic / Optical); Dual Power (12V / 4 x AA)

DRILLING

IMPACT DRILL DV20VD 860W



Features

- Heavy-duty keyed chuck
- AHB (Aluminium Housing Body)
- Full speed reverse
- Variable speed trigger and dial
- Carbon brush rotation system increases power and extends brush life

SPECIFICATIONS	CODE: DV20VD
Chuck	13mm keyed
Capacity	Concrete 20mm Steel 13mm Wood 40mm
Input power	860W
No load speed	Low 0 - 1,100 (min-1) High 0 - 3,000 (min-1)
Impact rate	Low 0 - 8,100 (min-1) High 0 - 22,000 (min-1)
Weight	3.0kg
Length	365mm
Standard accessories	Chuck key, side handle, depth gauge and stackable case
Average Air consumption(IPM)	560
Work Air Pressure(PSI)	90
Work Air Pressure(Bar)	6.2

IMPACT DRILL DV 18V 13mm



Features

- Offset of chuck: 23.5mm
- Soft grip handle

SPECIFICATIONS	CODE: DV 18V
Drill Chuck	1.5 - 13mm (1/16" - 1/2") Keyed
Capacity:	
Concrete	Hi: 13mm (1/2") Lo: 18mm (1 1/16")
Steel	Hi: 8mm (5/16") Lo: 13mm (1/2")
Power Input	690W
No Load Speed	Hi: 0-3,000/min Lo: 0-1,000/min
Full Load Impact Rate	Hi: 27,300/min Lo: 8,400/min
Overall Length	333mm (13-1/8")
Weight	2.0kg (4.4 lbs.)
Standard Accessories	Side Handle, Depth Gauge, Chuck, Wrench, Carrying Case



IMPACT DRIVER DRILL DV 36DA MULTI VOLT 36V CORDLESS



Features

- Approx. 30% faster*2 drilling speed
- Feedback speed control for more stable handling
- Robust aluminium gear case
- 22-stage adjustable clutch
- Large double-molded clutch dial is easy to grip and read

SPECIFICATIONS	CODE: DV 36DA
Drill Chuck	1.5 - 13mm (1/16" - 1/2") Keyless
Capacity:	
Brick	20mm (3/4")
Mild Steel	16mm (5/8")
Soft Wood	102mm (4")
Wood Screw	12 x 100mm (15/32" x 4")
Machine Screw	6mm (1/4")
Voltage	790W
No Load Speed	Hi: 0 - 2,100/min Lo: 0 - 500/min
Impact Rate	Hi: 26,000/min Lo: 8,000/min
Max Torque:	
Hard	138Nm (1,220in.-lbs.)
Soft	64Nm (566in.-lbs.)
Torque Setting	2 - 8Nm (18 - 71in.-lbs.)
Overall Length	204mm (8")
Weight*2	2.7kg (6.0lbs.)
Standard Accessories*3	2 Batteries (BSL36A18), Charger (UC18YSL3), Side Handle, Driver Bit, Battery Cover, Carrying Case

*1. Vs. the DV18DBL2 18V cordless impact driver drill. When drilling into SPF 76mm in thickness with a ϕ 38mm auger bit.
*2. Weight according to EPTA-Procedure 01/2003.
*3. Included accessories vary by country or area.



IMPACT DRIVER DRILL DV 18DBL2 18V CORDLESS



Features

- Feedback speed control for more stable handling
- Double-molded, large clutch dial
- Longer side handle
- Slim and soft grip handle

SPECIFICATIONS	CODE: DV 18DBL2
Drill Chuck	1.5 - 13mm (1/16" - 1/2") Keyless
Capacity:	
Brick	16mm (5/8")
Mild Steel	13mm (1/2")
Soft Wood	76mm (3")
Wood Screw	10 x 90mm (#24 x 3-1/2")
Machine Screw	6mm (1/4")
Battery voltage:	18V
Brick Voltage	90Wh for BSL1850 (5.0Ah)
No Load Speed	Hi: 0 - 2,100/min Lo: 0 - 500/min
Impact Rate	0 - 31,500/min
Max Torque:	
Hard	110Nm (1,205in.-lbs.)*
Soft	62Nm (549in.-lbs.)*
Torque Setting	2 - 8Nm (18 - 71in.-lbs.)
Overall Length	204mm (8-1/32")
Weight*2	2.5kg (5.5lbs.) with BSL1850
Standard Accessories*3	2 Batteries BSL1850, Charger (UC18YSL3 or UC18YFSL), Side Handle, Driver Bit, Battery Cover, Carrying Case

*1. With the BSL1850/BSL1860 battery.
*2. Weight according to EPTA-Procedure 01/2003.
*3. Included batteries and charger may vary by country or area.

HEAT GUN RH 600T 110V | 120 - 127V | 220V - 240V



Features

- 2 Heat Settings
- Cool air shot for quick cooling down
- Hanging hook for easy storage and stationary use
- Overheating protection
- Soft grip handle for more control and comfort



SPECIFICATIONS	CODE: RH 600T
Voltage	110v 120 - 127V 220V - 240V
Power input	1,375W 1,500W 2,000W
Capacity	690W
Wind Volume	0.25/0.5m ³ /min (2-stage switch)
Wind Temperature	250/ 500°C (2 - stage switch) 350/ 500°C (2 - stage switch) 450/ 600°C (2 - stage switch)
Wind Temperature (When cooling the button is used)	50° C
Overall Length	245mm (9-21/32")
Weight*	0.57kg (1.26lbs.)
Standard Accessories	Nozzle (round), Nozzle (flat), Nozzle (curved surface), Nozzle (glass protector), Scraper (with grip), Carrying Case

* Weight according to EPTA-Procedure 01/2003.

JIG SAW CJ 18DSL 18V CORDLESS

Features

- Smooth cutting by orbital locus
- Tool-less blade change by lever
- LED light illuminating blade edge
- 3 kinds of orbital action or straight cut
- Dust blowing for clear view over cut line
- Soft grip handle
- Remaining battery indicator lamp
- Guide and Dust Collection Adapter as optional



SPECIFICATIONS	
Capacity:	
Wood	135 mm (5-5/16")
Mild Steel Plate	10mm (3/8")
Min. Cutting Radius	25mm (1")
Base Tilt Angle	45° Right/Left
Voltage	18V
Length of Stoke	26mm (1")
No-Load Speed (stroke)	80 - 2,400/min
Overall Length	277mm (10-29/32")
Weight	2.4kg (5.3 lbs.)
Standard Accessories*	Battery (BSL1830 or BSL1840 or BSL1850), Charger (UC18YFSL), Blade, Splinter Guard, Chip Cover, Carrying Case

* Included battery may vary by country or area.

HAMMER DRILLING

ROTARY HAMMER DH 26PB 26MM (1")



Features

- 2-mode action: Rotation and hammering mode, Rotation only mode
- Approx. 2 times longer*1 life
- Large change lever located on the side of the tool body for easy operation
- Elastomer-covered soft grip handle and side handle
- One-push action for quick bit mounting

SPECIFICATIONS CODE: DH 26PB

Capacity:	Bit 3.4 - 24mm (1/8" - 1")
Concrete: Drill	
Core Bit	25 - 50mm (1" - 2")
Mild Steel	13mm (1/2")
Wood	32mm (1-1/4")
Power Input	7830W
Bit Shank	SDS-plus
No Load Speed	0 - 1,100/min
Full Load Impact Rate	0 - 4,300/min
Overall Length	367mm (14-7/16")
Weight*	2 2.8kg (6.2lbs.)
Standard Accessories	Side Handle, Depth

1. Vs. the previous model DH24PB3.
2. Weight according to EPTA-Procedure 01/2003.

HAMMER H 65SC DEMOLITION



Features

- Double-insulated construction with sturdy aluminum frame
- Auto-stop carbon brush

SPECIFICATIONS CODE: H 65SC

Power Input	1,240W
Full Load Impact Rate	1,400/min
Bit Shank	30mm (1-3/16") Hexagon
Overall Length	647mm (25-13/32")
Weight	15.0kg (33.0 lbs.)
Standard Accessories	Bull Point, Side Handle, Wrenches, Oil Feeder, Carrying Case

HAMMER DH 45ME DEMOLITION



Features

- Up to 1.3 times more*1 demolition performance
- Maintains the speed and performance even at voltage drop
- Compatible with engine generators
- Power lamp lights up when the plug is inserted into an outlet
- One push action for quick bit mounting
- Tool bit angle adjustment
- Large trigger switch

SPECIFICATIONS CODE: DH 45ME

Power Input	1,150W
Full Load Impact Rate	1,430 - 2,850/min
Bit Shank	SDS max
Overall Length	480mm (18-29/32")
Weight*	2 7.0kg (15.4lbs.)
Standard Accessories	Bull Point, Side Handle, Carrying Case

*1. Vs. the previous model H45MR. The value may vary according to conditions.
*2. Weight according to EPTA-Procedure 01/2003.

ROTARY HAMMER DH 36DPA MULTI VOLT 36V CORDLESS



Features

- Faster drilling speed like an electric model*1
- Ergonomic design for improved handling
- Multiple bit-angle settings
- Compatible with optional dust extractor system

SPECIFICATIONS CODE: DH 36DPA

Capacity:	Concrete 28mm (1-1/8")
Steel	13mm (1/2")
Wood	32mm (1-1/4")
Bit Shank	SDS-plus
Voltage	18v
No Load Speed	Hi: 0 - 1,400/min Lo: 0 - 350/min
Impact Rate	Hi: 0 - 19,600/min Lo: 0 - 4,900/min
Max Torque:	Hard 55Nm (487 in.-lbs.) Soft 23Nm (204 in.-lbs.)
Torque Setting	1 - 6Nm (9 - 53in.-lbs.)
Overall Length	220mm (8-21/32")
Weight*2	220mm (8-21/32")

2 Batteries (BSL1815), Charger (UC18YFSL or UC18YKSL), Driver Bit, Battery Cover, Carrying Case

*1. Compared to the DH28PCY.
*2. Weight according to EPTA-Procedure 01/2003.
*3. Supplied accessories vary by country or area.

IMPACT WRENCHES

IMPACT WRENCH WR 18DBDL 18V BRUSHLESS 12.7MM

Features

- IP56 dust and water resistant
- 4 step tightening mode selector
- Smooth socket changes with friction ring anvil
- Exceptional ergonomics with well balanced weight distribution



SPECIFICATIONS CODE: WR18DBDL

Capacity	Ordinary Bolt M10 - M20
	High Tension Bolt M10 - M16
Max. torque	Tightening 305Nm
Square Drive	12.7mm (1/2")
	High mode 0 - 2,700 (min-1)
	Medium mode 0 - 2,000 (min-1)
	Low mode 0 - 1,000 (min-1)
	Single mode 0 - 2,700 (min-1)
No load speed	
Full load impact rate	0 - 3,600 (min-1)
Weight	1.8kg (with BSL36A18 battery)
Length	145mm
Battery type	BSL36A18 : Li-ion MultiVolt (Battery A)
Standard accessories	2 x BSL36A18 MultiVolt batteries, UC18YSL3 rapid charger, belt hook

IMPACT WRENCH WR 22SE 3/4" 19MM

Features

- Stable performance provided even at voltage drops
- Compatible with engine generators
- Bumper and Tail Bumper protect the tool body
- Soft grip handle
- Tumbler-type forward/reverse switch



SPECIFICATIONS CODE: WR22SE

Capacity	Ordinary Bolt 14 - 24mm (9/16 - 1")
	High Tension Bolt 16 - 22mm (5/8 - 7/8")
Tightening Torque	620Nm (5,490in.-lbs.)
Square Drive	12.7mm (1/2")
Power Input	800W
No Load Speed	1,400/min
Impact Rate	2,000/min
Weight	4.6kg (10.1lbs.)
Overall Length	280mm (11")
Battery type	BSL36A18 : Li-ion MultiVolt (Battery A)
Standard accessories	Side Handle, Carrying Case

* Weight according to EPTA-Procedure 01/2003.

IMPACT WRENCH WR 22SE 3/4" 19MM

Features

- 1,650Nm nut busting torque
- Tightening mode selector for a variety of applications
- Smooth socket changes with a friction ring anvil



High-Speed Fastening throughout the Battery Charge*1



SPECIFICATIONS CODE: WR36DB

Capacity	Ordinary Bolt M12 - M30 (1/2" - 1-1/4")
	High Tension Bolt M10 - M24 (3/8" - 1-1/8")
Tightening Torque	1,050Nm (775ft.-lbs.)
Square Drive	12.7mm (1/2")
Voltage	36V
No Load Speed	High Mode 0 - 1,500/min Medium Mode 0 - 1,200/min Low 2 Mode 0 - 900/min Low 1 Mode 0 - 600/min
Impact Rate	High Mode 0 - 2,800/min Medium Mode 0 - 2,300/min Low 2 Mode 0 - 1,800/min Low 1 Mode 0 - 1,200/min
Weight	3.7kg (8.2lbs.)
Overall Length	221mm (8-45/64")
Battery type	BSL36A18 : Li-ion MultiVolt (Battery A)
Standard accessories	2 Batteries (BSL36A18), Charger (UC18YSL3), Battery Cover, Carrying Case

*1. Weight according to EPTA-Procedure 01/2003.
*2. Standard accessories vary by country or area.

GRINDERS

DISC GRINDER WITH SLIDE SWITCH

G 12SR4 115MM (4-1/2")



SPECIFICATIONS CODE: G12SR4

Capacity: Wheel Dia.	115mm (4-1/2")
Hole Dia	22.23mm (7/8")
Spindle Thread	M14 x 2
Power Input	730W
No Load Speed	10,000/min
Overall Length	258mm (10-1/8")
Weight*	1.8kg (4.0lbs.)
Standard Accessories	Side Handle, Wrench

* Weight according to EPTA-Procedure 01/2003.

Features

- Newly-designed large fan and optimized air flow
- ensure efficient motor cooling for a long lifetime
- Small grip circumference of 197mm



DISC GRINDER

G 13VE 125MM (5") ELECTRONIC



Superior Grinding Performance with Maintenance Free AC Brushless Motor

Features

- Grip circumference of 176mm
- Compatible with engine generators
- Stable performance during voltage drops
- Increased grinding performance with less fluctuation in speed
- Kickback protection system, 0-voltage restart protection

SPECIFICATIONS CODE: G 13VE

Capacity: Wheel Dia.	125mm (5")
Hole Dia	22.23mm (7/8")
Spindle Thread	M14 x 2
Power Input	1,320W
No Load Speed	2,800 - 10,000/min
Overall Length	305mm (12")
Weight*	2.1kg (4.6lbs.)
Standard Accessories	Depressed Center Wheel, Side Handle, Wrench

* 1. The weight may vary depending on accessories included. Weight according to EPTA-Procedure 01/2003.
* 2. Standard accessories may differ depending on the market area.

DISC GRINDER WITH SLIDE SWITCH

G 18DSL 18V CORDLESS



Li-ion



SPECIFICATIONS CODE: G18DSL

Capacity: Wheel Dia.	115mm (4-1/2")
Hole Dia	22.23mm (7/8")
Spindle Thread	M14 x 2
Battery voltage	18V
No Load Speed	9,100/min
Overall Length	296mm (11-21/32")
Weight*	1.8kg (4.0lbs.)

Battery (BSL1830)
Charger (UC18VFSL),
Depressed Center Wheel,
Wrench, Carrying Case

* Included battery may vary by country or area.

Features

- Slim and soft grip perimeter 182mm
- Replaceable carbon brush for longer service life
- Remaining battery indicator lamp

DISC GRINDER WITH TRIGGER SWITCH

G 23MR 230MM (9")



G23MR with an optional depressed center wheel



Features

- Max power output 4,600W with overload durability
- Tool-less wheel guard
- Vibration-absorbing side handle
- Increased service life of carbon brush
- Soft grip handle

SPECIFICATIONS CODE: G23MR

Capacity: Wheel Dia.	230mm (9")
Hole Dia	22.23mm (7/8")
Spindle Thread	M14 x 2
Power Input	2,500W
No Load Speed	6,600/min
Overall Length	492mm (19-3/8")
Weight*	5.4kg (11.9 lbs.)
Standard Accessories	Side Handle, Wrench

DISC GRINDER WITH TRIGGER SWITCH

G 23SW2 230MM (9")



G23SW2 with an optional depressed center wheel



Features

- Halved stator coils for sufficient cooling efficiency increase motor durability
- Motor is protected from dust and debris through the labyrinth construction
- Soft grip handle
- Large switch lever for more control

SPECIFICATIONS CODE: G23SW2

Capacity: Wheel Dia.	230mm (9")
Hole Dia	22.23mm (7/8")
Spindle Thread	M14 x 2
Power Input	2,200W
No Load Speed	6,600/min
Overall Length	469mm (18-1/2")
Weight*	5.1kg (11.2lbs.)
Standard Accessories	Side Handle, Wrench

* Weight according to EPTA-Procedure 01/2003.

IMPACT WRENCH

WR 22SE 3/4" 19MM



GP3V with an optional mounted wheel



Features

- Variable speed dial
- Internal carbon brush
- Easy-to-grip housing

SPECIFICATIONS CODE: G23SW2

Capacity: Collect Chuck	6mm (or 1/4")
Max. Wheel Dia	25mm (1")
Power Input	760W
No Load Speed	7,000 - 29,000/min
Overall Length	406mm (16")
Weight*	1.8kg (4.0lbs.)
Standard Accessories	Side Handle, Collect Chuck, Wrenches

* Specifications and standard accessories are subject to change by areas.

SANDER POLISHER

SANDER POLISHER

SP 18VA 180MM



Features

- Variable speed dial to suit multiple applications
- Soft start to prevent kickback upon start up
- Overload protection control to extend tool life

SPECIFICATIONS CODE: SP18VA

Wheel diameter	180mm
Input power	1,250W
No load speed	Low 0 - 600 (min-1) High 0 - 3,400 (min-1)
Spindle thread	M14 x 2
Length	415mm
Weight	1.3kg
Standard Accessories	Loop handle, rubber pad, wool bonnet, sanding disc and wrench

CIRCULAR SAWS

C 18DSL 18V 165MM



Features

- Electric brake
- Magnesium saw cover for high rigidity
- Safety switch lever and light switch are integrated
- 90° fine adjustment screw
- Ergonomic soft grip handle

SPECIFICATIONS	CODE: C18DSL
Capacity	Max. of depth cut: 90° 57mm Max. of depth cut: 45° 40mm
No load speed	3,400 (min-1)
Blade diameter	165mm
Angle cutting	0° - 45°
Weight	3.2kg (with BSL36A18 battery)
Length	365mm
Battery type (sold separately)	Compatible with all Hitachi and HiKOKI MultiVolt and 18V slide batteries
Weight*	0.57kg (1.26lbs.)
Standard accessories	Blade, wrench and parallel guide. Batteries and charger available separately

* Weight according to EPTA-Procedure 01/2003.

C 3606DA MULTI VOLT 36V CORDLESS

Features

- Up to 2X*1 faster cutting speed
- Up to 2X*1 more overload capacity
- Flat motor housing design increases stability when changing blades
- Silent Mode improves motor efficiency and results in approx. 5dB less noise than Power Mode
- Overload protection
- Cutting depth adjustment system
- Parallelism adjustment system
- -5° bevel setting
- Backward saw dust exhaust (connectable to a dust extractor)



SPECIFICATIONS	CODE: C3606DA
Capacity: Blade Dia.	165mm (6-1/2")
Max Cut Depth 90°	66mm (2-19/32")
45°	45mm (1-49/64")
-5°	57mm (2-1/4")
Voltage	18V
No Load Speed	
Power Mode	4,300/min
Silent Mode	2,000/min
Overall Length	292mm (11-1/2")
Weight*2	3.4kg (7.5lbs.)
Standard Accessories*3	2 Batteries (BSL36A18), Charger (UC18YSL3), Blade, Wrenches, Guide*4, Battery Cover, Carrying Case

Cutting Rafter
750 Cuts
Material: Cedar 45mm square
Cutting Hemlock
100 Cuts
Approx. Material: Hemlock 50mm thick, 300mm wide



*1. In comparison with the existing model C18DBAL. The value varies according to the Workpiece material and operating conditions.
 *2. Weight according to EPTA-Procedure 01/2003.
 *3. Vary by country or area.
 *4. For EU only.

BATTERIES & CHARGER

SLIDE LITHIUM-ION BATTERY

BSL 36A18 MULTI VOLT 36V/18V



Features

- 1,080W high power output
- Automatic voltage change between 36V 2.5Ah and 18V 5.0Ah depending on the tool's voltage
- Remaining battery indicator
- Full compatibility with the existing 18V slide range and 14.4V-36V slide battery chargers

** The actual charging time can be longer depending on the surrounding temperature and battery condition

SPECIFICATIONS	CODE: BSL36A18
Voltage & Capacity	36V - 2.5Ah / 18V - 5.0Ah
Cooling System	Yes
Dimensions (LxHxW)	116 x 69 x 76mm
Charging Time	Approx. 32 min* (when using the UC18YSL3)
Compatible Products: 18V 36V	All existing 18V slide-type tools MULTI VOLT 36V tools
Compatible Chargers	All chargers for 14.4V - 36V slide-type Lithium-ion batteries

SLIDE LITHIUM-ION BATTERY

BSL 36B18 MULTI VOLT 36V/18V



Features

- 1,440W high power output
- Automatic voltage change between 36V 4.0Ah and 18V 8.0Ah depending on the tool's voltage
- Remaining battery indicator
- Compatible with the existing 18V slide range*1 and 14.4V-36V slide battery chargers*2

*1. Except the following models: AW18DBL/C18DBL/UR18DSL UB18DGL/UF18DSL UF18DSL/UR18DSL/UR18DSL/UR18DSL
 *2. Except UC36YSL
 *3. The actual charging time can be longer depending on the surrounding temperature and battery condition.

SPECIFICATIONS	CODE: BSL36B18
Voltage & Capacity	36V - 2.5Ah / 18V - 5.0Ah
Cooling System	Yes
Dimensions (LxHxW)	134 x 75 x 83mm
Charging Time	Approx. 52min*3 (when using the UC18YSL3)
Compatible Products: 18V 36V	All existing 18V slide-type tools MULTI VOLT 36V tools
Compatible Chargers	All chargers*2 for 14.4V - 36V slide-type Lithium-ion batteries

SLIDE LITHIUM-ION BATTERY

BSL 1830C 18V LI-ION BATTERY



Features

- Compact and lightweight (25% smaller and 42% lighter than BSL1830)
- Battery capacity the same as BSL1830
- Compatible with all our 18V rapid chargers

* The actual charging time can be longer depending on the surrounding temperature and battery condition.

SPECIFICATIONS	CODE: BSL36A18
Voltage & Capacity	18V - 3.0Ah
Cooling System	Yes
Dimensions (LxHxW)	116 x 49 x 74mm
Charging Time	Approx. 32 min* (when using the UC18YSL3)
Weight	380g
Compatible Products: 18V	Existing 18V slide-type toolsMULTI
Compatible Chargers	All chargers* for 14.4V - 36V slide-type Lithium-ion batteries

CHARGER

UC 18YSL3 14.4V/18V

Features

- Compatible with engine generators
- Low-temperature charge (From -10°)
- High visibility large charge indicator lamp & full-color LED lights
- USB port (5V, 2A)



SPECIFICATIONS	CODE: UC18YSL3
Charging Voltage	14.4 and 18V
Battery:	
Type	Slide
Assortment	Lithium-ion
Fan Cooling	Yes
Power Input	2,500W
No Load Speed	6,600/min
Overall Length	492mm (19-3/8")
Weight*	5.4kg (11.9 lbs.)
Standard Accessories	Side Handle, Wrench



CORE CUTTERS - MAG BASE

UNI TUNGSTEN BURR

Part Number	Description
30479	Tungsten Carbide Burr Pointed Tree - G102006
30480	Tungsten Carbide Burr Pointed Tree - G122506
30481	Tungsten Carbide Burr Ball Nose Cone - L123006
30482	Tungsten Carbide Burr Cone - M061606
30478	Tungsten Carbide Burr Cylindrical Ball nose - C122506

UNI CORE CUTTERS

Part Number	Description
11319	Core Cutter HSS Short Reach 12mm
11320	Core Cutter HSS Short Reach 14mm
11321	Core Cutter HSS Short Reach 16mm
11322	Core Cutter HSS Short Reach 18mm
10079	Core Cutter HSS Short Reach 19mm
11323	Core Cutter HSS Short Reach 20mm
11324	Core Cutter HSS Short Reach 22mm
11325	Core Cutter HSS Short Reach 24mm
11326	Core Cutter HSS Short Reach 26mm
10081	Core Cutter HSS Short Reach 30mm
10082	Core Cutter HSS Short Reach 32mm
10083	Core Cutter HSS Short Reach 36mm
10085	Core Cutter HSS Short Reach 40mm
10086	Core Cutter HSS Short Reach 45mm
10088	Core Cutter HSS Short Reach 50mm
11308	Core Cutter HSS Long Reach 14mm
11309	Core Cutter HSS Long Reach 16mm
11310	Core Cutter HSS Long Reach 18mm
11311	Core Cutter HSS Long Reach 20mm
11312	Core Cutter HSS Long Reach 22mm
11313	Core Cutter HSS Long Reach 24mm
11314	Core Cutter HSS Long Reach 26mm
10080	Core Cutter HSS Long Reach 30mm
11317	Core Cutter HSS Long Reach 36mm
10084	Core Cutter HSS Long Reach 40mm
10087	Core Cutter HSS Long Reach 50mm
11318	PILOT PIN SHORT
11305	PILOT PIN LONG
9276	Countersink HSS 90° (3-50) tchx-304 UNI CSINK90
35166	MT3 ADAPTOR
34711	5 Litre mixed cut-fluid



Diameter	14	16	18	19	20	22	24
Length mm	25	25	25	25	25	25	25
Diameter	26	30	32	36	40	45	50
Length mm	25	25	25	25	25	25	25



Diameter	14	16	18	22	24
Length mm	50	50	50	50	50
Diameter	26	30	36	40	50
Length mm	50	50	50	50	50

CHUCK ADAPTORS & CHUCKS TO SUIT



ARBOUR ADAPTER & COUNTERSINK



FINGER SAVER

350MM - 27766



TOOL SPIDER

13680



5L PRE MIX LUBRICATION

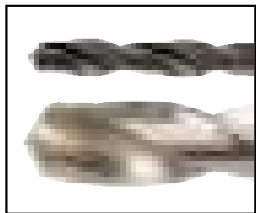
Cutting oil



Drill Bits, Augers, Taps & Dies

Solutions for just about any drilling application. From the toughest steel to concrete, granite, glass and wood.

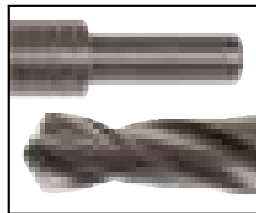
We also stock the widest range of taps and dies and related accessories



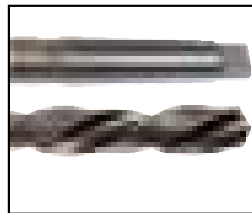
HSS Bits



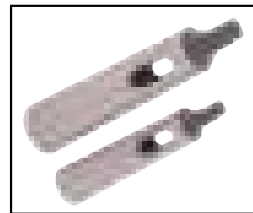
HSS Bits - Sets



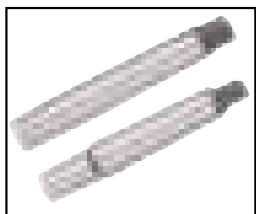
Reduced Shank HSS Bits



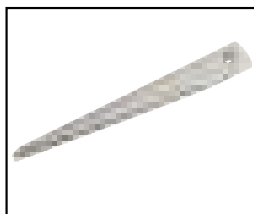
Morse Taper Shank Drills



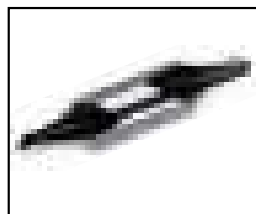
Drill Sleeve (Morse)



Drill Chuck Arbors



Drill Drift Keys



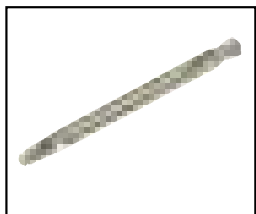
Centre Drills - Type A



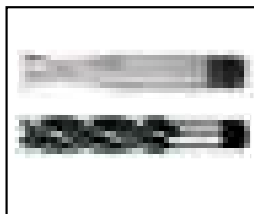
Stepped Drilling Bits



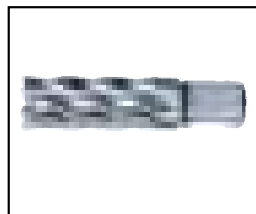
HSS Cobalt Bits



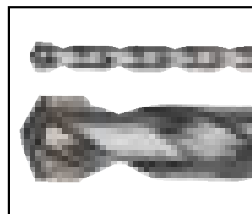
HSS Double Ended Stub



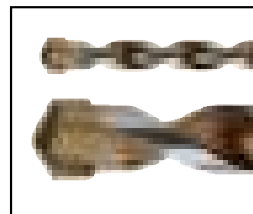
Flute End Mills



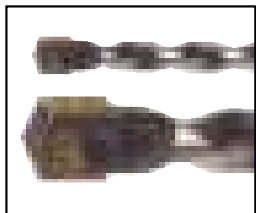
Core Drill Cutters



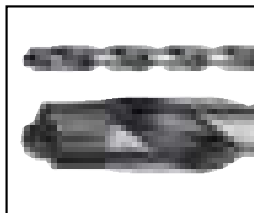
Masonry Drill Bits



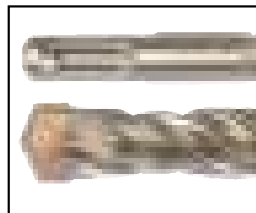
Cordless Multi Drill Bits



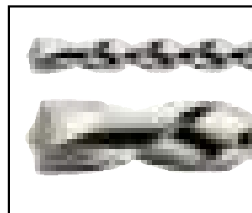
Concrete Carbide Tipped



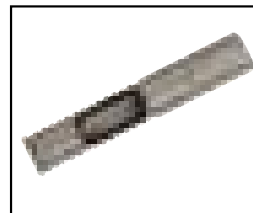
Granite Drill Bits



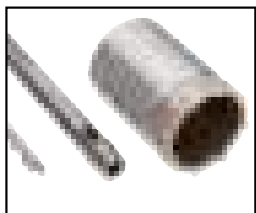
Hammer Drill Bits SDS+



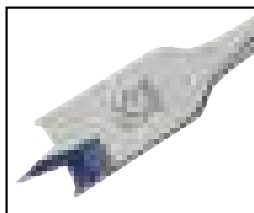
Speedhammer™ Power Drill Bits



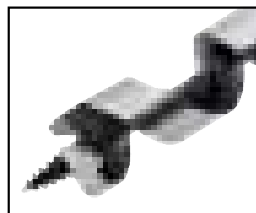
Diamond Drill Bits



Core Drills



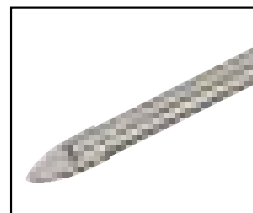
Wood Flat Bits



Auger Drill Bits



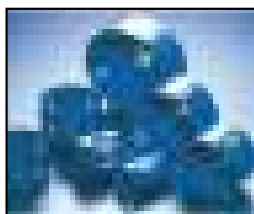
Brad Point Drill Bits



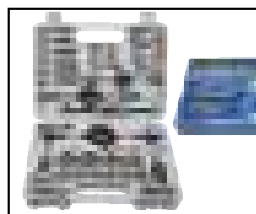
Glass & Tile Drill Bits



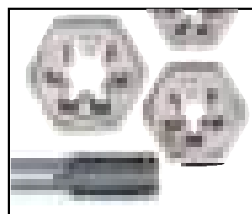
Drill Accessories



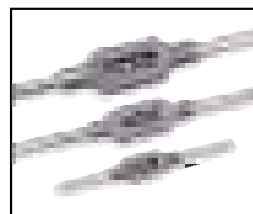
Hole Saws & Accessories



Tap & Die Sets



Taps & Dies



Tap & Die Accessories

Magnetic drill

ECO.32



The ECO.32 has been the best selling magnetic drilling machine in recent years. The efficient basic model is now equipped with an eager single speed motor.

Technical data

	ECO.32
Annular cutters	Ø 12 - 32 mm
Twist drills	Ø 1 - 13 mm
Countersinking	Ø 40 mm
Length	320 mm
Width	210 mm
Height	370 - 512 mm
Stroke	150 mm
Weight	12 kg
Magnet (lxwxh)	160x80x42 mm
Magnetic force	1500 kg
Motor power	1000 W
Total power	1050 W
Speed (no load)	775 min ⁻¹
Speed (load)	440 min ⁻¹ (950 W)
Spindle	19,05 mm Weldon
Power source	110V / 220V 60 Hz

Features

- Single speed gearbox
- Compact design
- Detachable spindle
- Practical long stroke
- Clear and easy controls



EUROBOOR
FOR PROFESSIONALS BY PROFESSIONALS



Magnetic drill ECO.50S



Maximum power converted into the new 2 speed oil filled synchronized gearbox, which improves the motor efficiency and lifetime of key components. The one piece gearbox-in-slide design ensures stable support, faster drilling times and more accurate hole sizing. The newly designed handles offer the operator more comfort, where the new internal handle support bearing ensures direct-feed travel.

Technical data

	ECO.50S
Annular cutters	Ø 12 - 50 mm
Twist drills	Ø 1 - 23 mm
Countersink	Ø 10 - 55 mm
Length	320 mm
Width	200 mm
Height	445 - 615 mm
Stroke	170 mm
Weight	11.2 kg
Magnet (lxwxh)	160x80x36 mm
Magnetic force	1500 kg
Motor power	1250 W
Total power	1300 W
Speed (no load)	315 min-1 690 min-1
Speed (load)	235 min-1 425 min-1 (1250 W)
Spindle	19.05 mm weldon
Voltage	110 - 120 V AC / 50-60 Hz 220 - 240 V AC / 50-60 Hz



Features

- High precision slide & rail construction
- Integrated oil bath gearbox
- Morse Taper 3 spindle
- Practical long stroke
- 2-speed gearbox
- Detachable spindle

EUROBOOR
FOR PROFESSIONALS BY PROFESSIONALS



Magnetic drill

ECO.100/4



Large capacity combined with a load of possibilities: unprecedented powerful motor, state-of-the-art mechanically and electronically adjustable speed and torque control and hugely stable construction enable you to tackle a wide variety of drilling tasks.

Technical data

	ECO.100/4
Annular cutters	Ø 12 - 100 mm
Twist drills	Ø 1 - 31,75 mm
Countersinking	Ø up to 105 mm
Threading	M3 - M30
Length	365 mm
Width	310 mm
Height	510 - 710 mm
Stroke	260 mm
Weight	28 kg
Magnet (l x w x h)	220 x 110 x 64 mm
Magnetic force	3000 kg
Motor power	1900 W
Total power	2050 W
Speed (no load)	(I) 42-110 min ⁻¹ (II) 65-190 min ⁻¹ (III) 140-400 min ⁻¹ (IV) 220-620 min ⁻¹
Speed (load 1900 W)	(I) 85 min ⁻¹ (II) 152 min ⁻¹ (III) 270 min ⁻¹ (IV) 480 min ⁻¹
Spindle	MT3 3/4" (19,05 mm)
Voltage	110-120 / 220-240 V / 50-60 Hz

Features

- 4-speed gearbox
- Left & right rotating
- Morse Taper 3 spindle
- Electronically adjustable rotating speed
- Highly useful very long stroke
- Electronically adjustable torque



EUROBOOR
FOR PROFESSIONALS BY PROFESSIONALS





MOTORQ PROFESSIONAL

The industry leading Sykes-Pickavant Professional Torque Wrench just got even better!

- Upgraded soft feel ergonomic handle that provides exceptional grip even in oily conditions
- 60% larger easy to read dual scale for improved visibility, precise torque setting adjusts 40% faster
- New push/pull torque adjustment knob that allows for rapid and accurate torque settings
- Unique Timestrip® feature that provides a visual indication of when the torque wrench is due for re-calibration



Push-Thru Ratchet Head



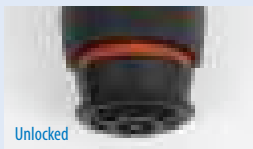
Large Dual Scale



Timestrip® Feature



Locked

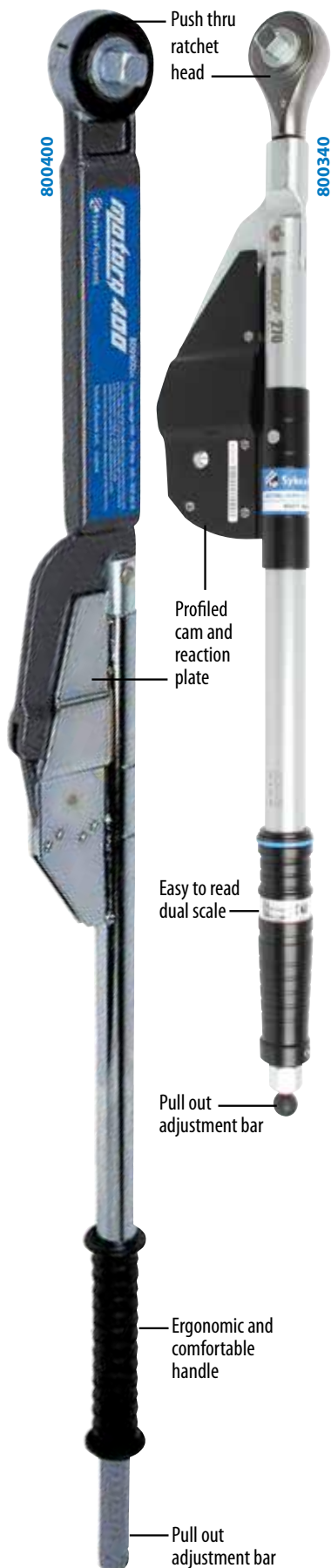


Unlocked

Motorq Professional Technical Specifications

Part No.	Description	Sq. Dr	Torque Capacity		Ratchet Teeth	Ratchet Diameter	Length	Weight
			Nm	Lbf. ft.				
800020	MOTORQ 20	3/8"	4 - 20	40 - 180*	-	-	220mm	0.40kg
800060	MOTORQ 60	3/8"	10 - 50	7.5 - 37.5	72	35mm	335mm	0.70kg
800101	MOTORQ 101	1/2"	20 - 100	15 - 75	72	45mm	387mm	0.94kg
800200	MOTORQ 200	1/2"	40 - 200	30 - 150	72	45mm	470mm	1.07kg
800300	MOTORQ 300	1/2"	60 - 300	45 - 220	60	51mm	593mm	1.42kg
800330	MOTORQ 330	1/2"	60 - 340	45 - 250	60	51mm	685mm	1.48kg
800399	MOTORQ 399	3/4"	80 - 400	60 - 300	60	51mm	686mm	1.93kg

* Denotes lbf.in



MOTORQ HEAVY DUTY

The Sykes-Pickavant Heavy Duty Torque Wrench range now includes additional smaller sizes that still have all the features of the large variants but can be used in applications where space is restricted

- Unique profiled cam and reaction plate provides an unmistakable signal that can be seen and felt which reduces the possibility of over torquing
- Robust construction provides accurate torque results and is suitable for all heavy duty applications

PLUS NEW COMPACT SIZES

- New compact size is designed and to provide accurate high torque ratings without the need of a larger style torque wrench (Part No: 800270 & 800340)
- Ideal for space restricted applications
- Ideal for passenger and light commercial vehicle maintenance



Push-Thru Ratchet Head



Easy to read dual scale



Pull out torque adjustment bar



Motorq Heavy Duty Technical Specifications

Part No.	Description	Sq. Dr	Torque Capacity		Ratchet Teeth	Ratchet Diameter	Length	Weight
			Nm	Lbf. ft.				
800270	MOTORQ 270	1/2"	70 - 270	50 - 200	60	52mm	690mm	2.65kg
800340	MOTORQ 340	1/2"	80 - 340	60 - 250	60	52mm	783mm	3.00kg
800400	MOTORQ 400	3/4"	150 - 700	100 - 500	36	70mm	1150mm	6.30kg
800500	MOTORQ 500	3/4"	300 - 1000	200 - 750	36	70mm	1475mm	7.30kg
800550	MOTORQ 550	1"	700 - 1500	500 - 1000	36	70mm	1475mm	10.4kg

TORQUE MULTIPLIERS

Designed to provide higher torque input than would otherwise be possible due to limitations of space or operator strength

- Robust construction means minimal maintenance and long service life
- High ratios allow the use of a small torque wrench or breaker bar
- Angle protractor for easy torque and angle tightening
- Supplied in sturdy carry case with replacement square drive

Torque Multipliers

Part No.	Description	Multiplication Ratio	Torque Capacity	Input Drive	Output Drive	Weight
			Nm	Sq. Dr	Sq. Dr	
800600	TORQUE MULTIPLIER 1300	5 : 1	130 - 1300	1/2"	3/4"	4.30kg
800655	TORQUE MULTIPLIER 2700	5 : 1	270 - 2700	1/2"	1"	4.50kg
800660	TORQUE MULTIPLIER 3000	15.5 : 1	300 - 3000	1/2"	1"	6.10kg
800665	TORQUE MULTIPLIER 4500	26 : 1	450 - 4500	1/2"	1"	7.00kg



TORQUE ANGLE GAUGES

- For turning torqued fasteners such as cylinder head bolts, main and connecting rod bearing bolts and flywheel bolts through a further angle, as per vehicle manufacturer's specifications
- Oil resistant, non-reflective surface and adjustable reaction arm
- Supplied with both male and female square drives

Torque Angle Gauges

Part No.	Description	Input Drive	Output Drive	Weight
		Sq. Dr	Sq. Dr	
800700	MOTORQ ANGLE GAUGE 1/2"	1/2"	1/2"	0.41kg
800750	MOTORQ ANGLE GAUGE 3/4"	3/4"	3/4"	0.78kg





Hydraulic Cylinders

- » Single or double acting models
- » Capacities from 4.5 to 1,012 tonnes
- » Stroke lengths from 6 to 457 mm



Manually Operated Pumps

- » Manually operated steel or aluminium pumps
- » Single or two speed operation
- » Working pressure up to 700 Bar



Powered Pumps

- » Air, electric, battery powered or petrol driven pumps
- » Oil reservoir capacities up to 150 litres
- » Working pressure up to 700 Bar



Torque Tools

- » TWS-N square drive type or TWH-N female hexagon type
- » Torque capacities up to 48,181 Nm
- » Suitable for use with TPA air and TPE electric driven 3-speed torque pumps



Hydrotest Pumps

- » Manually operated or air driven models
- » Output pressures up to 2,931 Bar
- » Suitable for use with various fluids



Puller Kits

- » Capacities up to 220 tonnes
- » Self-contained and hydraulic puller kit options with spread up to 920 mm
- » Heavy duty hydraulic pullers with spread up to 1,220 mm



Crimpers & Cutters

- » Hydraulic, self-contained and battery operated cable crimping tools suitable for crimping un-insulated compression and mechanical connectors
- » Comprehensive hydraulic cutter range suitable for cutting cables, wire ropes, chains and bars
- » Working pressure up to 700 Bar



Tools

- » Hydraulic hole punchers with punching force up to 50 tonnes and hydraulic nut splitters with capacities up to 136 mm
- » Hydraulic and mechanical flange spreaders and jaw spreaders offering a maximum spread of 231 mm
- » Multi-purpose, heavy duty and roller skate kits available with capacities up to 400 tonnes



SCISSOR JACK (1 TON)

Solid construction
Superior strength, stability and durability
Compact and easy to stow away
Suitable for light commercial vehicle

Min height	Max height
100mm	360mm

CODE BOS0560



GARAGE CREEPER - STANDARD

Six Wheels with Bearing Castors
Handy Tool Compartment
Cushion Headrest
Lightweight
Comfortable ergonomically shaped body
Spare wheels are available - HON 0846
Package Size 940X430X80mm
Gross Weight 2,8kg

CODE HON0847



JACK - MOBI: HYDRAULIC BOTTLE JACK

For easy lifting, bending and pushing on a wide variety of automotive, truck, industrial and construction jobs
Cars, light trucks, vans
Medium trucks
Recreational vehicles
Motor homes
Caravans
Boat trailers
Farm equipment
Off-road equipment
Can be used at an angle and vertically
Heat treated extension screw
Automatic bypass system
All bottle jacks are fitted with safety overload value and are supplied with handles

Capacity (Tons)	2 Ton
Min. Height	181mm
Max. Height	345mm
Hydraulic Lifting	116mm
Screw Extension	48mm
Gross Weight	2,9kg

CODE MOB2001



JACK - MOBI: HYDRAULIC BOTTLE JACK

For easy lifting, bending and pushing on a wide variety of automotive, truck, industrial and construction jobs
Cars, light trucks, vans
Medium trucks
Recreational vehicles
Motor homes
Caravans
Boat trailers
Farm equipment
Off-road equipment
Can be used at an angle and vertically
Heat treated extension screw
Automatic bypass system
All bottle jacks are fitted with safety overload value and are supplied with handles

Capacity (Tons)	3
Min. Height	194mm
Max. Height	372mm
Hydraulic Lifting	118mm
Screw Extension	60mm
Gross Weight	3,6kg

CODE MOB 2002



JACK - MOBI: HYDRAULIC BOTTLE JACK

For easy lifting, bending and pushing on a wide variety of automotive, truck, industrial and construction jobs
Cars, light trucks, vans
Medium trucks
Recreational vehicles
Motor homes
Caravans
Boat trailers
Farm equipment
Off-road equipment
Can be used at an angle and vertically
Heat treated extension screw
Automatic bypass system
All bottle jacks are fitted with safety overload value and are supplied with handles

Capacity (Tons)	5
Min. Height	216mm
Max. Height	413mm
Hydraulic Lifting	127mm
Screw Extension	70mm
Gross Weight	4,8kg

CODE MOB2003



JACK - MOBI: HYDRAULIC BOTTLE JACK

For easy lifting, bending and pushing on a wide variety of automotive, truck, industrial and construction jobs
Cars, light trucks, vans
Medium trucks
Recreational vehicles
Motor homes
Caravans
Boat trailers
Farm equipment
Off-road equipment
Can be used at an angle and vertically
Heat treated extension screw
Automatic bypass system
All bottle jacks are fitted with safety overload value and are supplied with handles

Capacity (Tons)	8
Min. Height	230mm
Max. Height	457mm
Hydraulic Lifting	147mm
Screw Extension	80mm
Gross Weight	46,3kg

CODE MOB2004



JACK - MOBI: HYDRAULIC BOTTLE JACK

For easy lifting, bending and pushing on a wide variety of automotive, truck, industrial and construction jobs
Cars, light trucks, vans
Medium trucks
Recreational vehicles
Motor homes
Caravans
Boat trailers
Farm equipment
Off-road equipment
Can be used at an angle and vertically
Heat treated extension screw
Automatic bypass system
All bottle jacks are fitted with safety overload value and are supplied with handles

Capacity (Tons)	12
Min. Height	230mm
Max. Height	465mm
Hydraulic Lifting	155mm
Screw Extension	80mm
Gross Weight	8,0kg

CODE MOB2005



JACK - MOBI: HYDRAULIC BOTTLE JACK

For easy lifting, bending and pushing on a wide variety of automotive, truck, industrial and construction jobs
Cars, light trucks, vans
Medium trucks
Recreational vehicles
Motor homes
Caravans
Boat trailers
Farm equipment
Off-road equipment
Can be used at an angle and vertically
Heat treated extension screw
Automatic bypass system
All bottle jacks are fitted with safety overload value and are supplied with handles

Capacity (Tons)	20
Min. Height	242mm
Max. Height	452mm
Hydraulic Lifting	150mm
Screw Extension	60mm
Gross Weight	11,5kg

CODE MOB2006



JACK - MOBI: HYDRAULIC BOTTLE JACK

For easy lifting, bending and pushing on a wide variety of automotive, truck, industrial and construction jobs
Cars, light trucks, vans
Medium trucks
Recreational vehicles
Motor homes
Caravans
Boat trailers
Farm equipment
Off-road equipment
Can be used at an angle or vertically
Automatic bypass system
ISO 9002 approved
Test certificate available on request

Capacity (Tons)	30
Min Height	280mm
Max Height	460mm
Hydraulic Lifting	180mm
Screw Extension	-
Gross Weight	23,6kg

CODE MOB2007



TREBLE - PIN TYPE (3 TON)

Sturdy welded steel construction for superior safety and strength
Suitable for a wide variety of automotive and agricultural applications
Traditional pin type adjustment
Large footprint for maximum stability
Safety chain to prevent pin loss
TO BE USED IN PAIRS ONLY

Capacity (Tons)	3
Min Height (mm)	320
Max Height (mm)	470
Increment Height (mm)	150
Gross Weight(kg)	3,0

CODE MOB2030



TREBLE - PIN TYPE (6 TON)

Sturdy welded steel construction for superior safety and strength
Suitable for a wide variety of automotive and agricultural applications
Traditional pin type adjustment
Large footprint for maximum stability
Safety chain to prevent pin loss

TO BE USED IN PAIRS ONLY

Capacity (Tons)	6
Min Height (mm)	465
Max Height (mm)	610
Increment Height (mm)	145
Gross Weight(kg)	5,2

CODE MOB2035



TRESTLE - PIN TYPE (20 TON STANDARD)

Ideal for truck and bus application
Sturdy welded steel construction for superior safety and strength
Suitable for a wide variety of automotive and agricultural applications
Traditional pin type adjustment
Large footprint for maximum stability
Safety chain to prevent pin loss
TO BE USED IN PAIRS ONLY

Capacity (Tons)	20
Min Height (mm)	500
Max Height (mm)	800
Increment Height (mm)	-
Gross Weight (kg)	28,0

CODE MOB2050



TRESTLE MOBI - Ratchet Trestle: Car/Van (3 Ton)

Counter-weighted pawl serves as a safe, secure locking device to prevent accidental disengagement of the load
Sturdy welded steel construction for superior safety and strength
One piece multi-position ductile ratchet bar provides super strength and durability
Quick adjustment mechanism securely locks into desired position
TO BE USED IN PAIRS ONLY

Capacity (Tons)	3
Min Height (mm)	295
Max Height (mm)	430
Saddle Size (mm)	89 x 25
Base Size (mm)	193 x 170
Gross Weight(kg)	7,3

CODE MOB2101



TRESTLE - MOBI: Ratchet Trestle - Car/Van (6 Ton)

Counter-weighted pawl serves as a safe, secure locking device to prevent accidental disengagement of the load
Sturdy welded steel construction for superior safety and strength
One piece multi-position ductile ratchet bar provides super strength and durability
Quick adjustment mechanism securely locks into desired position
TO BE USED IN PAIRS ONLY

Capacity (Tons)	6
Min Height (mm)	390
Max Height (mm)	618
Saddle Size (mm)	108 x 32
Base Size (mm)	225 x 276
Gross Weight(kg)	14,5

CODE MOB2102



TRESTLE - MOBI: RATCHET TRESTLE - TRUCK / BUS (12 TON)

Counter-weighted pawl serves as a safe, secure locking device to prevent accidental disengagement of the load
Sturdy welded steel construction for superior safety and strength
One piece multi-position ductile ratchet bar provides super strength and durability
Quick adjustment mechanism securely locks into desired position
TO BE USED IN PAIRS ONLY

Capacity (Tons)	12
Min Height (mm)	445
Max Height (mm)	692
Saddle Size (mm)	117 x 38
Base Size (mm)	307 x 274
Gross Weight(kg)	28,0

CODE MOB2103



JACK - TROLLEY: MOBI - SHORT BODY (3 TON)

For general purpose lifting requirements with safe and stable load handling
Polished ram and plunger protecting seals from abrasion
Built in safety valve ensures safe operation and prevents overloading
Patented hydraulic bypass system prevents ram plunger from over-travelling
Equipped with patented quick-lift foot pedal offering quick pumping to reach vehicle chassis
Handle actuated release valve provides metered control at any desired lowering speed
Conforms to ANSI/ASME safety standards
All service jacks have swivel castors for easy steering

Capacity (Tons)	3
Min. Height	140mm
Max. Height	490mm
Overall Length	637mm
Overall Width	341mm
Overall Height	167mm
Gross Weight	39,7kg

CODE MOB3019



BODY REPAIR KIT - MOBI (10 TON)

Ideal for collision damage repair
Perfect fit attachments use quick-connect technology for effortless assembly
Sets are portable for easy usage in the workshop or on the road
Custom fitted, rugged blow moulded carry case
Designed for applications of pushing, spreading and pressing of the vehicle body panels as well as various component parts and assemblies
A variety of attachments are included

Capacity (Tons)	10
Ram Min. Height	460mm
Ram Max. Height	610mm
Ram Stroke	150mm
Pump Work Pressure	700
Gross Weight	40,0kg
P.S.I.	10000

CODE MOB8002



CHOCK MOBI FOR TRUCKS

Manufactured from heavy gauge steel
Solid Construction
Suitable for light commercial vehicles and cars
Essential to prevent vehicle rolling/ moving during service or wheel change
Powder coated
SOLD IN PAIRS

Length	326mm
Width	204mm
Height	161mm
Gross Weight	9,6kg

CODE MOB8004



CHOCKS SMALL - MOBI

For bakkies or trailers
Manufactured from rationally polyethylene.
Hollow on inside
Each chock has rubber strips of 25mm X 250mm at the bottom fixed with 2 screws on each rubber strip
Priced per unit on system
To be used in pairs

Length	275mm
Width	115mm
Height	155mm

CODE MOB8005



CHOCKS MEDIUM- MOBI

For bakkies or trailers
Manufactured from rationally polyethylene.
Hollow on inside
Each chock has rubber strips of 25mm X 250mm at the bottom fixed with 2 screws on each rubber strip
Priced per unit on system
To be used in pairs

Length	320mm
Width	170mm
Height	230mm

CODE MOB8006



CHOCKS HEAVY DUTY - MOBI

For heavy duty TLB's or Light plant
Manufactured from rationally polyethylene.
Hollow on inside
Each chock has rubber strips of 25mm X 250mm at the bottom fixed with 2 screws on each rubber strip.
Priced per unit on system
To be used in pairs

Length	410mm
Width	205mm
Height	230mm

CODE MOB8007



CHOCKS LARGE - MOBI

For large earth moving vehicles
Manufactured from rationally polyethylene.
Reinforced on the inside
Each chock has rubber strips of 25mm X 250mm at the bottom fixed with 2 screws on each rubber strip.
Priced per unit on system
To be used in pairs

Tonnage	30 Ton - 100Ton
Length	540mm
Width	400mm
Height	330mm

CODE MOB8008



HAND WINCHES

960kg capacities
Solid gear construction
960kg, single gear, 2 way, 1 speed
Black electrostatic discharge coating finish for improved resistance to corrosion
Internally lubricated drum and pinion gear bushings
Precise gear tooth engagement
Formed reinforcement in frame for added strength
Great for use on boat trailers and many other uses
CABLE NOT INCLUDED

Max Pulling Capacity	960kg
Working Capacity	320kg
Gear Ratio	4:1
Gross Weight	17,5kg

CODE MOB2119086



HAND WINCHES

1500kg capacities
Solid gear construction
1500kg, double gear, 2 way, 1 speed
Black electrostatic discharge coating finish for improved resistance to corrosion
Internally lubricated drum and pinion gear bushings
Precise gear tooth engagement
Formed reinforcement in frame for added strength
Great for use on boat trailers and many other uses
CABLE NOT INCLUDED

Max Pulling Capacity	1500kg
Working Capacity	500kg
Gear Ratio	4:1
Gross Weight	20,0kg

CODE MOB2119086

COMPRESSOR BELT DRIVE SINGLE STAGE

- Suitable for craftsmen who need a compressor for professional use
- Piston compressor three cylinder 90°W placed single stage
- Splash lubrication, forced ventilation, cast iron cylinder, steel valve plate and steel valves
- Overload protection of electric motor with manual reset
- ON/OFF pressure Switch
- Pressure reducer with two cocks
- Condensate drain cock
- Ball line cock

100 LITRE BELT DRIVE SINGLE STAGE

SPECIFICATIONS	CODE: AIR2050
Capacity (Litres)	100
Volts/Phase	220/1
HP	3
KW	2,2
Displacement l/Min	385
Displacement CFM	11,2
FAD L/Min	250
FAD CFM	8,9
BAR	8
PSI	115
RPM	1050
Cylinder Formation	2V
Weight (kg)	85



150 LITRE BELT DRIVE SINGLE STAGE

SPECIFICATIONS	CODE: AIR2070
Capacity (Litres)	150
Volts/Phase	220/1
HP	3
KW	2,2
Displacement l/Min	385
Displacement CFM	11,2
FAD L/Min	250
FAD CFM	8,9
BAR	8
PSI	115
RPM	1050
Cylinder Formation	2V
Weight (kg)	108



200 LITRE BELT DRIVE SINGLE STAGE

SPECIFICATIONS	CODE: AIR2090
Capacity (Litres)	200
Volts/Phase	220/1
HP	3
KW	2,2
Displacement l/Min	385
Displacement CFM	11,2
FAD L/Min	250
FAD CFM	8,9
BAR	8
PSI	115
RPM	1050
Cylinder Formation	2V
Weight (kg)	130



100 LITRE BELT DRIVE SINGLE STAGE

SPECIFICATIONS	CODE: AIR2300
Capacity (Litres)	100
Volts/Phase	220/1
HP	3
KW	2,2
Displacement l/Min	369
Displacement CFM	13
FAD L/Min	250
FAD CFM	8,9
BAR	8
PSI	115
RPM	1050
Cylinder Formation	2V
Weight (kg)	55



250 LITRE BELT DRIVE SINGLE STAGE

SPECIFICATIONS	CODE: AIR2150
Capacity (Litres)	250
Volts/Phase	380/1
HP	5,5
KW	4,0
Displacement l/Min	740
Displacement CFM	20,46
FAD L/Min	480
FAD CFM	17
BAR	8
PSI	115
RPM	950
Cylinder Formation	2V
Weight (kg)	169



270 LITRE BELT DRIVE SINGLE STAGE

SPECIFICATIONS	CODE: AIR2180
Capacity (Litres)	270
Volts/Phase	380/3
HP	7,5
KW	5,5
Displacement l/Min	925
Displacement CFM	25
FAD L/Min	600
FAD CFM	21,42
BAR	8
PSI	115
RPM	950
Cylinder Formation	2V
Weight (kg)	204



300 LITRE BELT DRIVE SINGLE STAGE

SPECIFICATIONS	CODE: AIR2200
Capacity (Litres)	300
Volts/Phase	380/3
HP	10
KW	7,5
Displacement l/Min	1385
Displacement CFM	1136,75
FAD L/Min	900
FAD CFM	32
BAR	8
PSI	115
RPM	830
Cylinder Formation	2V
Weight (kg)	223



SILENT OILLESS

Compressor suitable for Hobbist and DIY enthusiast. Low noise for built up areas, can also be used for the Food and Beverage or Medical industry.

- Portable compressor
- Air filter fitted to intake head
- On/Off pressure switch
- Regulator with gauges
- Wheels and vibration foot
- Overload protection of electric motor with manual reset
- Drain cock
- Low Maintenance
- Environmentally friendly

100 LITRE SILENT OILLESS

SPECIFICATIONS	CODE: AIR3050
Capacity (Litres)	100
Volts/Phase	220/1
HP	1 x 3
KW	0.75 x 3
Displacement l/Min	384
Displacement CFM	13.5
BAR	8
PSI	115
Cylinder Formation	2V
Decibals	75db



Compressor suitable for Hobbist and DIY enthusiast and light industrial. Low noise for built up areas, can also be used for the Food and Beverage or Medical industry.

Automatic sequential start up sequence putting less strain on main trip switch, manual override on/off selection on all four motors

- Portable compressor
- Air filter fitted to intake head
- On/Off pressure switch
- Regulator with gauges
- Wheels and vibration foot
- Overload protection of electric motor with manual reset
- Drain cock
- Low Maintenance
- Environmentally friendly
- Digital Voltage monitoring meter display
- Input cable connected and supplied

150 LITRE SILENT OILLESS

SPECIFICATIONS	CODE: AIR3070
Capacity (Litres)	150
Volts/Phase	220/1
HP	1 x 4
KW	0.75 x 4
Displacement l/Min	512
Displacement CFM	18
BAR	8
PSI	115
Cylinder Formation	2V
Decibals	75db



- Air filter fitted to head
- On/Off pressure switch
- Pressure reducer with gauges
- Sturdy Modern Wheels
- Overload protection of electric motor with manual reset
- Drain Cock
- Low Maintenance
- Environmentally Friendly

200 LITRE SILENT OILLESS

SPECIFICATIONS	CODE: AIR3090
Capacity (Litres)	200
Volts/Phase	220/1
KW	0.75 x 4
Displacement l/Min	512
Displacement CFM	18
BAR	8
PSI	115
Decibals	75db



CARRY CASE SILENT OILLESS



CODE: AIR3100

GROZ PUMPS CONTACT US FOR THE FULL RANGE AVAILABLE

GREASE LUBRICATING PUMP SYSTEM HIGH PRESSURE

GROZ

- An easy to use, high pressure hand operated grease pump.
- Provides volume greasing where power is not available or when air operated grease pump cannot be afforded, and high pressure grease is required.
- Ideal for clean greasing of machinery, equipment, trucks and cars.
- Pump has a steel construction with a cast aluminium head and solid steel pumping chamber.
- Supplied complete with :310 mm drum cover.
- 255-282mm rubber lining follower.
- Plate.
- 25.4mm inner diameter hose x 1,200mm high pressure flexible hose.
- Hose fitted with professional 4 jaw coupler.



SPECIFICATIONS	
Part No	GRO 2172
Grease pail size	20 kg.
Ref no	GFP/HP03-PRO
Packing	Each

ROTARY BARREL PUMP GROZ

- Heavy duty transfer type pump.
- Pumps in either direction with a few reverse turns of the handle.
- Sturdy cast-iron construction with Hi Nitrile rubber seals.
- Comes with suction tube, bung nut and steel discharge spout threaded 3/4" NPT.
- Fits 50--205 litre barrels.
- Telescopic shaft.
- For diesel and non-corrosive petroleum type fluids.

SPECIFICATIONS	
Part No	GRO 3290
Ref no	GNB-25/3R/SPL
Delivery	5 ltrs per 20 turns.
Packing	Each



AIR TOOLS

IMPACT WRENCH HEAVY INDUSTRIAL DUTY

TWIN HAMMER SYSTEM

Features

- Twin hammer impact leads to well balanced torque
- 3/8", 13mm, 20mm and 25mm options
- More power per pound than pin clutch systems
- Easy operation with low maintenance costs and excellent performance
- Sensitive to air pressure regulation
- Ideal for work on transport vehicles and general heavy maintenance in heavy industrial applications



- 50MM ANVIL

WRENCH7200

SPECIFICATIONS	CODE: AIR7200
Square Drive	25mm (1")
Capacity – Bolt Size	45mm
Free Speed	3500 RPM
Maximum Torque(Nm/ft-lb)	2440/1600
Overall Length	300mm
Air Intel (PT)	1/2" BSP
Air Hose (ID)	13mm
Average Air consumption(CFM)	25
Average Air consumption(LPM)	708
Nett Weight(kg)	9.3
Work Air Pressure(PSI)	90
Work Air Pressure(Bar)	6.3
Compressor HP (min)	10



WRENCH7205

SPECIFICATIONS	CODE: AIR7205
Square Drive	13mm (1/2")
Capacity – Bolt Size	16mm
Free Speed	7000 RPM
Maximum Torque(Nm/ft-lb)	541/400
Overall Length	185mm
Air Intel (PT)	1/4" BSP
Air Hose (ID)	10mm
Average Air consumption(CFM)	12
Average Air consumption(LPM)	340
Nett Weight(kg)	2.5
Work Air Pressure(PSI)	90
Work Air Pressure(Bar)	6.3
Compressor HP (min)	5.5



WRENCH7210

SPECIFICATIONS	CODE: AIR7210
Square Drive	20mm (3/4")
Capacity – Bolt Size	25mm
Free Speed	6500 RPM
Maximum Torque(Nm/ft-lb)	1015/750
Overall Length	228mm
Air Intel (PT)	1/4" BSP
Air Hose (ID)	10mm
Average Air consumption(CFM)	14
Average Air consumption(LPM)	396
Nett Weight(kg)	4.55
Work Air Pressure(PSI)	90
Work Air Pressure(Bar)	6.3
Compressor HP (min)	5.5



- 150MM ANVIL

WRENCH7215

SPECIFICATIONS	CODE: AIR7215
Square Drive	25mm (1")
Capacity – Bolt Size	5mm
Free Speed	3500 RPM
Maximum Torque(Nm/ft-lb)	2440/1600
Overall Length	450mm
Air Intel (PT)	1/2" BSP
Air Hose (ID)	13mm
Average Air consumption(CFM)	25
Average Air consumption(LPM)	708
Nett Weight(kg)	10.6
Work Air Pressure(PSI)	90
Work Air Pressure(Bar)	6.3
Compressor HP (min)	10



WRENCH7220

SPECIFICATIONS	CODE: AIR7220
Square Drive	25mm (1")
Capacity – Bolt Size	45mm
Free Speed	4000 RPM
Maximum Torque(Nm/ft-lb)	2167/1800
Overall Length	381mm
Air Intel (PT)	1/2" BSP
Air Hose (ID)	13mm
Average Air consumption(CFM)	23.5
Average Air consumption(LPM)	665
Nett Weight(kg)	9.3
Work Air Pressure(PSI)	90
Work Air Pressure(Bar)	6.3
Compressor HP (min)	10

REVERSIBLE DRILL HEAVY INDUSTRIAL DUTY



Features

- Powerful air motor resists stalls and conserves energy
- Triple idler planetary gearing for smooth operation and extended tool life
- Teasing throttle provides precise control
- Handle exhaust reduces noise and directs air away from the work piece
- Designed for prolonged use in heavy industrial applications, engine work, auto body shops etc

SPECIFICATIONS	CODE: AIR7409
Capacity /Size	13mm(1/2")
Overall Length	228mm
Free Speed	500RPM
Air Intel (PT)	1/4" BSP
Air Hose (ID)	10mm
Average Air consumption CFM	10
Average Air consumption LPM	283
Nett Weight(kg)	1.8
Work Air Pressure (PSI)	90
Work Air Pressure (Bar)	6.3
Compressor HP (min)	5.5

NEEDLE SCALER



Features

- Positive trigger control
- Powerful strike action
- Used for rapid descaling of metal

SPECIFICATIONS	CODE: AIR8402
Capacity /Size	3mm Needle
Blows per minute	200
Overall length	508mm
Air Intel (PT)	1/4" BSP
Air Hose (ID)	10mm
Average Air consumption CFM	10
Average Air consumption LPM	283
Nett Weight (kg)	5.9
Work Air Pressure (PSI)	90
Work Air Pressure (Bar)	6.3
Compressor HP (min)	5.5

GRINDER HEAVY INDUSTRIAL DUTY

DIEGRINDER 7320 MINI DIE GRINDER



Features

- Aluminium alloy housing is rugged yet lightweight
- Lock off throttle to prevent accidental start up
- Rear exhaust directs air away from the workpiece
- Designed for prolonged use in heavy industrial applications

SPECIFICATIONS	CODE: AIR7320
Capacity / Disc Diameter	6mm
Overall Length	194mm
Free Speed	18000RPM
Air Intel (PT)	1/4" BSP
Air Hose (ID)	10mm
Nett Weight(kg)	78
Compressor HP (min)	3
Average Air consumption(CFM)	4
Average Air consumption(LPM)	560
Work Air Pressure(PSI)	90
Work Air Pressure(Bar)	6,2

DIEGRINDER 7325 EXTRA LONG GRINDER



Features

- Aluminium alloy housing is rugged yet lightweight
- Lock off throttle to prevent accidental start up
- Rear exhaust directs air away from the workpiece
- Designed for prolonged use in heavy industrial applications

SPECIFICATIONS	CODE: AIR7325
Capacity / Disc Diameter	6mm
Overall Length	338mm
Free Speed	18000RPM
Air Intel (PT)	1/4" BSP
Air Hose (ID)	10mm
Average Air consumption CFM	20
Average Air consumption LPM	560
Nett Weight(kg)	1,36
Work Air Pressure(PSI)	90
Work Air Pressure(Bar)	6,3
Compressor HP (min)	3

ANGLEGRINDER 7350



Features

- Aluminium alloy housing is rugged yet lightweight
- Heavy duty spiral bevel gearing in angled head for long tool life and low vibration
- Fitted with lever type throttle
- Removable side handle allows for increased maneuverability
- Suitable for weld preparation and smoothing, rust removal, deburring and blending of steel, cast iron and aluminium

SPECIFICATIONS	CODE: AIR7350
Capacity / Disc Diameter	100mm
Spindle Thread	3/8 UNF
Overall Length	246mm
Free Speed	13600RPM
Air Intel (PT)	1/4" BSP
Air Hose (ID)	10mm
Average Air Consumption CFM	9
Average Air Consumption LPM	255
Nett Weight(kg)	1,3
Work Air Pressure(PSI)	90
Work Air Pressure(Bar)	6,3
Compressor HP (min)	5.5

ANGLEGRINDER 7390 EXTRA LONG GRINDER



Features

- Aluminium alloy housing is rugged yet lightweight
- Heavy duty spiral bevel gearing in angled head for long tool life and low vibration
- Fitted with lever type throttle
- Removable side handle allows for increased maneuverability
- Suitable for weld preparation and smoothing, rust removal, deburring and blending of steel, cast iron and aluminium

SPECIFICATIONS	CODE: AIR7390
Capacity / Disc Diameter	180mm
Spindle thread	M14 x 2
Overall Length	300mm
Free Speed	7600RPM
Air Intel (PT)	3/8" BSP
Air Hose (ID)	13mm
Average Air consumption CFM	25
Average Air consumption LPM	635
Nett Weight(kg)	2,9
Work Air Pressure(PSI)	90
Work Air Pressure(Bar)	6,3
Compressor HP (min)	10

RIVIETER HEAVY INDUSTRIAL DUTY

RIVIETER 7433

- Specially profiled three-piece jaw
- Comfortable extra long lever mechanism

SPECIFICATIONS	
Capacity	2.4 – 4.8mm
Traction Power Kg	720
Stroke Length mm	14
Overall length mm	230
Air Intel (PT)	1/4" BSP
Air Hose (ID)	10mm
Average Air consumption(CFM)	0,03
Average Air consumption(LPM)	0,85
Net Weight kg	1,5
Work Air Pressure(PSI)	90
Work Air Pressure(Bar)	6,3
Compressor HP (min)	2



RIVIETER 7438

- Specially profiled 3 piece jaw set made from high grade tool steel
- Comfortable, extra long lever mechanism facilitates ease of use
- Employing the croken mandrel vacuum absorption system which reduces air consumption and allows for maximum efficiency on downward riveting

SPECIFICATIONS	
Capacity /Size	2,4 – 7,3mm
Traction Power	1420kg
Stroke Length	18mm
Overall length	317mm
Air Intel (PT)	1/4" BSP
Air Hose (ID)	10mm
Average Air consumption CFM	0.11
Average Air consumption LPM	3.14
Nett Weight(kg)	2,4
Work Air Pressure(PSI)	90
Work Air Pressure(Bar)	6,3
Compressor HP (min)	2





Chicago Pneumatic

Industrial tools for turnkey
pit-to-port mining solutions



SCREENING & CRUSHING



PROCESSING



MATERIALS HANDLING



TRANSPORT



5

We rank amongst the world's five leading manufacturers of abrasives.

1893

Klingspor was founded as a family owned business.

More than

five hundred

qualified technicians and sales representatives offer professional on-site assistance.

300

million

euros in sales during the past year.

Over

50

thousand

items in our product range.

Every day Klingspor produces:

110,000

abrasive mop discs.

350,000

cutting-off wheels and grinding discs.

One hundred thousand square metres

of coated abrasives.

2,900

employees are hard at work everyday to keep our customers satisfied.

All necessary tools for the weld seam preparation

Klingspor can provide an ideal solution for the processing of weld seams, whatever the application or tooling.

Cutting



- ▶ Cutting-off Wheels

Preperation



- ▶ Grinding Discs
- ▶ Fibre Discs
- ▶ Abrasive Mop Discs

Removal



- ▶ Abrasive Mop Discs
- ▶ Grinding Discs
- ▶ Fibre Discs

Finishing



- ▶ Unitised Discs & Wheels
- ▶ Non-woven Web Flap Discs
- ▶ Non-woven Web Mops
- ▶ Angle Grinder Mops

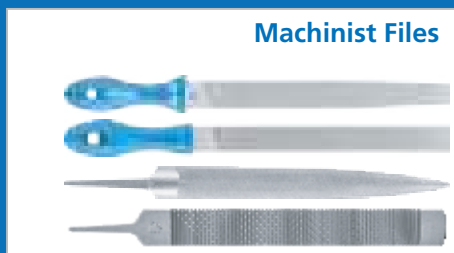
Cleaning



- ▶ Unitised Discs & Belts
- ▶ Non-woven Web Discs
- ▶ Non-woven Web Handpads
- ▶ Non-woven Web Rolls

HIGH PERFORMANCE INDUSTRIAL ABRASIVES

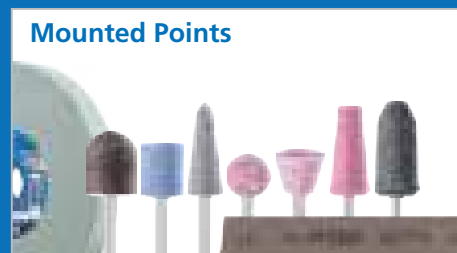
Machinist Files



Milling Tools



Mounted Points



Fine Grinding & Polishing Tools



Diamond & CBN Tools



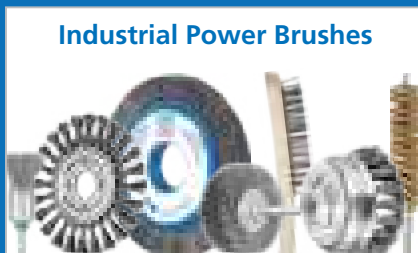
Cut-off wheels, Flap discs & Grinding wheels



Cut-off wheels for stationary applications



Industrial Power Brushes



Tool Drives



THERE IS NO SUBSTITUTE FOR QUALITY AND SAFETY

TRUST BLUE

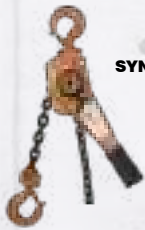


NEXT LEVEL TOOLS.



K-SERIES

191



SYNERGIC500



SYNERGIC500

SM SERIES WIRE ROPE WINCH

191



SYNERGIC500

5 TON PNEUMATIC WINCH WITH DUAL BRAKE SYSTEM

191



SYNERGIC500

JG SERIES BEAM CLAMPS

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SYNERGIC500

GCT 619 SERIES PLAIN BEAM CRAWL SPECIFICATIONS

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SYNERGIC500

MAXIGRAB PLATE GRABS

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MAXIMAG LIFTING MAGNETS

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SAFE WORKING LOADS FOR FLAT AND ROUND SLINGS (KG)

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WEBBING SLINGS

194



1t 2t 3t 4t 5t 6t 8t 10t

STEEL WIRE ROPE AND STEEL WIRE ROPE SLINGS

194



STEEL WIRE ROPE SLINGS

195



CHAIN, CHAIN SLINGS AND COMPONENTS

196





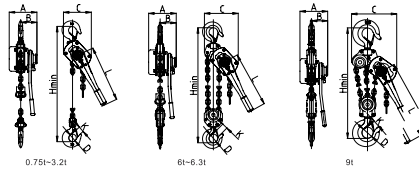
K5-SERIES - GRADE 80 LOAD CHAIN

4:1 SAFETY FACTOR



CHARACTERISTICS OF HOISTS SERIES K5

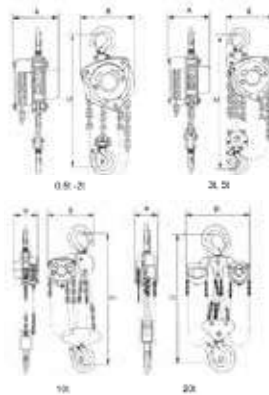
- Needle Bearing.
- Needle bearings are fitted to improve the flexibility and working efficiency.
- The bottom hook can swivel 360° freely under load.
- Unique Overload Protection.
- Uni-directional free wheel device concept ensures the smooth descent of the load.



Capacity (Tons)	Standard Lift (m)	Manual (N) Force (Kg)	Load Chain Diameter (mm)	Test Load (Kg)	Net Weight (Kg)	Extra weight per meter of extra lift (Kg)
0.75	1.5	147 (15)	Ø 6 x 1	938	6.6	0.81
1.5	1.5	294 (30)	Ø 8 x 1	1875	11.8	1.4
3	1.5	285 (29)	Ø 10 x 1	3750	21	2.2
6	1.5	314 (32)	Ø 10 x 2	7500	32	4.4
9	1.5	304 (31)	Ø 10 x 3	11250	47	6.6

Migration Length/ Circle (mm)	Dimensions (mm)						
	A	B	C	Hmin	L	D	K
18.7	160	100	133	320	290	38	28
16	182	109	157	365	290	48	36
16.8	207.5	121.5	210	465	420	58	43
8.4	207.5	121.5	253	583	420	65	44
5.6	207.5	121.5	338	690	420	85	54

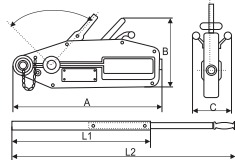
K-SERIES



Capacity (Tons)	0.5	1	1.5	2	3	5	10	20
Standard Lift (m)	2.5	2.5	3	3	3	3	3	3
Standard of Load Chain (N)	1	1	1	1	2	2	4	8
Standard of Load Chain (N)	1	1	1	1	2	2	4	8
Load Chain Diameter (mm)	6	6	8	8	8	10	10	10
Test Load (Kn)	6.1	12.3	18.4	24.5	36.8	61.1	91.9	235.2
Net Weight (Kg)	10	12	19	20	27	45.5	83	193
Extra weight per meter of extra lift (Kg)	1.7	1.7	2.3	2.3	3.7	5.6	9.7	19.4
Effort Required to Lift Rated Load (N)	200	320	360	365	385	435		
Dimensions (mm)	A	137.5	146.5	170	170	170	190	209
	B	137	162	183	194	220	288	384
	C							
	D							
	K	28	26	32.5	32	37	46	85

SM SERIES WIRE ROPE WINCH

Model	UNI-TIRFOR 1.6 UNI-TIRFOR 1.6R	UNI-TIRFOR 3.2 UNI-TIRFOR 3.2R	UNI-TIRFOR 5.4 UNI-TIRFOR 5.4R
Product Code	16147	15150	16152
Rated Capacity	tons 1.6	3.2	5.4
Rated Forward Travel	mm ≥ 55	≥ 28	≥ 30
Efficient Length of Forward Handle	mm 1200	1200	1200
Drive Step	1	2	2
Rope Diameter	mm 11	16	20
Standard Length of Rope	m 10;20	10; 20	10; 20
Net Weight	kg 12	23	45
Rated forward hand power	N ≥ 412	≥ 441	≥ 745
Max. Overall Size	mm 545 x 97 x 286	660 x 116 x 350	800 x 180 x 500



5 TON PNEUMATIC WINCH WITH DUAL BRAKE SYSTEM

Description	QJ5/120 B Air Winch	
	Metric	Imperial
Working Pressure	0.5-0.9 MPa	72-130 psi
Maximum line pull the first layer)	50 kN	5.5US ton
Maximum rope speed	20 m/min	65.6 ft/min
Air consumption (7atm/100psi)	3m³/min	800 gal/min
Brake system type	Automatic and Inching Brake System	
Drum Diameter	220 mm	8.7 in
Drum Width	475 mm	18.7 in
Drum Flange diameter	485 mm	19 in
Rope storage	200 m (16 mm - 3 ton rope)	656 ft
Overall Length	1340 mm	51 in
Overall Width	940 mm	37 in
Overall Height	985 mm	39 in
Weight	620 kg (without rope)	1370 lb

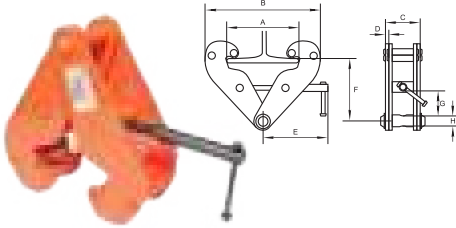


Dual Brake System
Automatic & Inching
Brake



JG SERIES BEAM CLAMPS

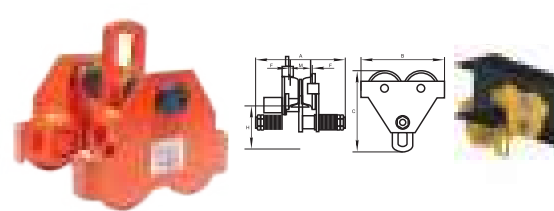
4:1 SAFETY FACTOR



Product Code	Part No.	Safe Working Load	Adjustable beam width mm	A max mm	Min mm	B max mm	C max mm	D max mm	E max mm	Min mm	F max mm	G max mm	H max mm
15818	BC-1T	1000	75-220	260	180	360	64	5	215	102	155	25	22
15821	BC-2T	2000	75-220	260	180	360	74	6	215	102	155	25	22
15824	BC-3T	3000	80-320	354	235	490	103	8	260	140	225	45	24
15828	BC-5T	5000	80-320	354	235	490	110	10	260	140	225	45	28
15817	BC-10T	10000	90-320	365	320	505	120	12	280	170	235	50	40

GCT 619 SERIES PLAIN BEAM CRAWL SPECIFICATIONS

4:1 SAFETY FACTOR

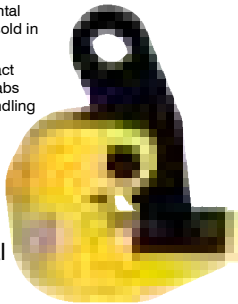


Product Code	Part No	Capacity	I-Beam Width	N.W./KGS	A	B	C	H
15830	BCR1	1t	64-140	12	254	255	231.5	128
15832	BCR2	2t	76-165	22	294	302	278	152
15834	BCR3	3t	76-203	33	344	338	338	186
15842	BCR5	5t	88-203	51	360	393	393	219
ENQ	BCR10	10t	125-203	86.5	403	490	490	275.5
ENQ	BCR20	20t	136-203	235	475	642	622	315

MAXIGRAB PLATE GRABS

Maxigrab horizontal plate grabs are sold in pairs

Light and compact medium duty grabs designed for handling of single sheets



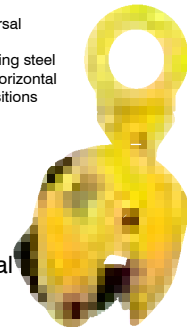
Horizontal

Maxigrab vertical plate grabs are pull-ring opening medium duty grabs that are lightweight and compact



Vertical

Maxigrab universal plate grabs are designed for lifting steel plates in both horizontal and vertical positions



Universal

Product Code	Capacity	Jaw opening (mm)
LIFT-MGH01500	1/2 ton (per pair)	0-20
LIFT-MGH03000	3 ton (per pair)	0-45
LIFT-MGH04000	4 ton (per pair)	0-45
LIFT-MGH05000	5 ton (per pair)	0-50
LIFT-MGH08000	8 ton (per pair)	0-85

Product Code	Capacity	Jaw opening (mm)
LIFT-MGV01500	1 ton	0-22
LIFT-MGV03000	2 ton	0-30
LIFT-MGV04000	3 ton	0-35
LIFT-MGV05000	5 ton	5-45
LIFT-MGV08000	8 ton	5-55

Product Code	Capacity	Jaw opening (mm)
LIFT-MGU01000	1 ton	0-20
LIFT-MGU03000	2 ton	0-25
LIFT-MGU04000	3 ton	0-30
LIFT-MGU05000	5 ton	0-50
LIFT-MGU08000	8 ton	0-45

MAXIMAG LIFTING MAGNETS

MAXIMAG permanent magnetic lifters are mainly used for lifting or handling plate or cylinder-form work pieces of ferromagnetic materials.

- 3.5 : 1 safety factor
- Simple locking switch enables one-handed operation
- V-slot in lifting face allows for lifting of flat and rounded surfaces



Model No	LIFT-MM0100	LIFT-MM0300	LIFT-MM0600	LIFT-MM1000	LIFT-MM2000	LIFT-MM3000
Rated WLL holding force (KgF)	100	300	600	1000	2000	3000
Cylindrical lifting capacity (KgF)	30	100	200	600	600	N/A
Maximum break away force (KgF)	350	1050	2100	7000	7000	10 500
Net Weight (kg)	3	10	24	125	125	220
Max handle turning force (KgF)	<4	<8	<8	<16	<16	<20
Length (mm)	92	162	232	378	378	458
Width (mm)	62	92	122	234	234	286
Height (mm)	67	91	117	212	212	261

SAFE WORKING LOADS FOR FLAT AND ROUND SLINGS (KG)

SAFE WORKING LOAD IS WORKING LOAD LIMIT MULTIPLIED BY MODE FACTOR $SWL = WLL \times M$



TO OBTAIN WLL FOR ENDLESS, MULTIPLE AND MULTI-LAYERED SLINGS, MULTIPLY SWL BY THE NUMBER OF PARTS OF THE SLING



SAFE WORKING LOAD IS WORKING LOAD LIMIT MULTIPLIED BY MODE FACTOR $SWL = WLL \times M$



TO OBTAIN WLL FOR ENDLESS, MULTIPLE AND MULTI-LAYERED SLINGS, MULTIPLY SWL BY THE NUMBER OF PARTS OF THE SLING



VIOLET	1 000	800	2 000	1 800	VIOLET	1 400	1 000	1 400	2 000
WHITE	1 500	1 200	3 000	2 700	WHITE	2 100	1 500	2 100	3 000
GREEN	2 000	1 600	4 000	3 600	GREEN	2 800	2 000	2 800	4 000
YELLOW	3 000	2 400	6 000	5 400	YELLOW	4 200	3 000	4 200	6 000
GREY	4 000	3 200	8 000	7 200	GREY	5 600	4 000	5 600	8 000
RED	5 000	4 000	10 000	9 000	RED	7 000	5 000	7 000	10 000
BROWN	6 000	4 800	12 000	10 800	BROWN	8 400	6 000	8 400	12 000
BLUE	8 000	6 400	16 000	14 400	BLUE	11 200	8 000	11 200	16 000
ORANGE	10 000	8 000	20 000	18 000	ORANGE	14 000	10 000	14 000	20 000
ORANGE	12 000	9 600	24 000	21 600	ORANGE	16 800	12 000	16 800	24 000

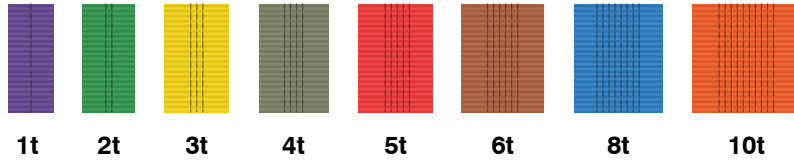
SLINGS CAN BE MANUFACTURED TO CLIENTS' REQUIREMENTS

SAFETY FACTOR 7:1 SLP

WEBBING SLINGS

WE MANUFACTURE AND SUPPLY A WIDE RANGE WEBBING SLINGS.

Polyester webbing slings

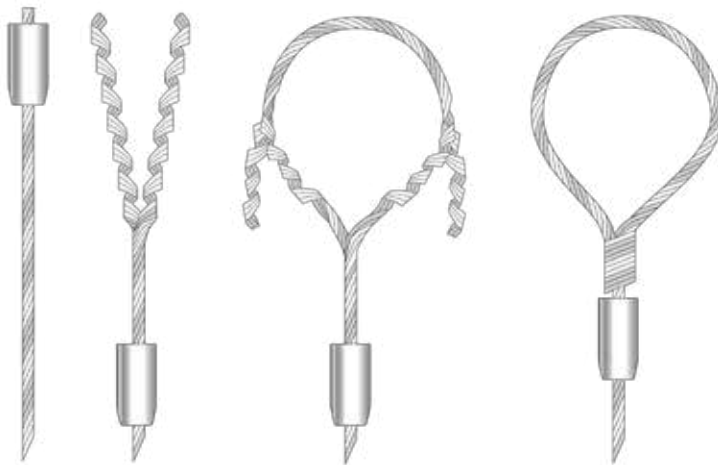


STEEL WIRE ROPE AND STEEL WIRE ROPE SLINGS

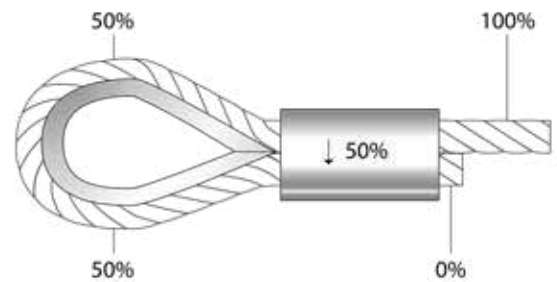
SOURCED AND CERTIFIED TO CUSTOMER'S SPECIFICATIONS

We offer an acceptable delivery time for orders and can supply most rope constructions in galvanised and ungalvanised as well as both Afgrip and Superloop terminations. We also offer high performance steel wire ropes for cranes.

SUPERLOOP OR FLEMISH EYE TERMINATION



AFGRIP ALUMINIUM FERRULE TERMINATION



Terminations can be as above with a thimble, or without a thimble commonly known as a "soft eye".

STEEL WIRE ROPE SLING INSPECTION

WHEN INSPECTING A STEEL WIRE ROPE SLING THE FOLLOWING ARE SOME OF THE MOST IMPORTANT FACTORS TO TAKE INTO CONSIDERATION.

1. Check for identity plates and reference to certification.
2. Broken wire in or near ferrule - Discard.
3. More than 5 broken wires in 10x diameter length - Discard.
4. Permanent kink - I.E. 90 bend - derate by 50% of S.W.L.
5. Severe rusting - Discard.
6. Wear - When original diameter has been reduced by 10 % from normal size - Discard.
7. Beware inner core corrosion (fibre rope core).
8. If there is any doubt about the condition of the steel wire rope sling, take it out of service until it has been inspected by a person trained to do inspections (either an LTI or a LMI).

IMPORTANT NOTE

Steel Wire Rope working in heat as high as 250°Celsius won't be harmed by the heat, but the lubricant will leach out of, and of the rope at temperatures as low as 50°Celsius, this will weaken the rope long term as the rope cannot operate efficiently without lubrication.

Steel wire rope should not work at temperatures where the lubricant leaches out of the rope.

STEEL WIRE ROPE SLINGS

BESPOKE STEEL WIRE ROPE SLINGS MANUFACTURED TO SUIT YOUR REQUIREMENTS.

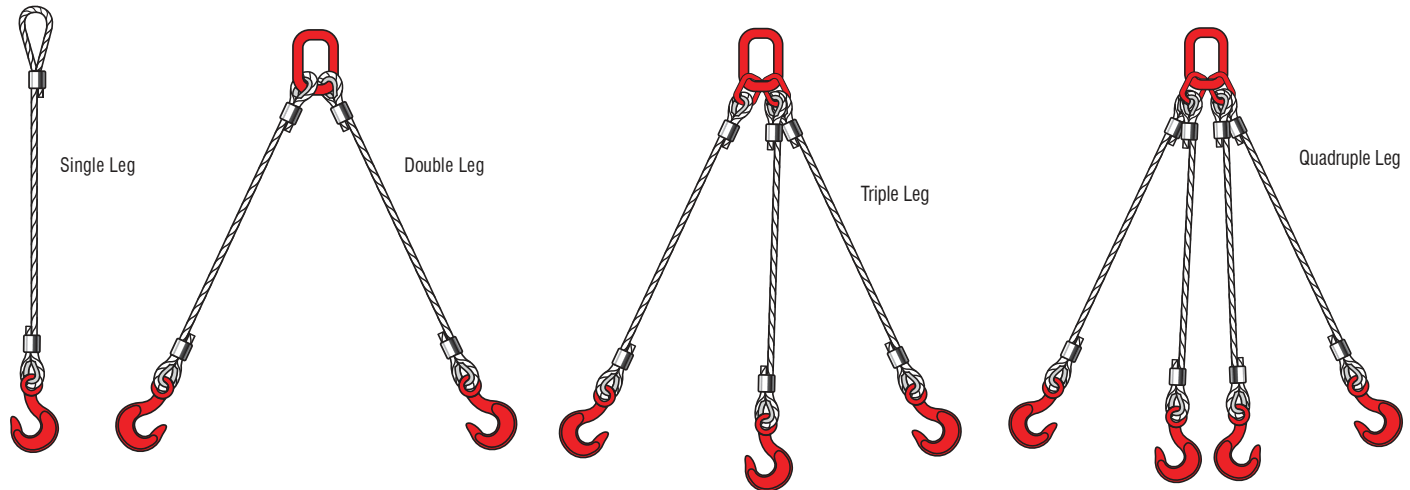
Working load limits in kg for 6X36 Afgrip steel wire rope slings

Fibre Core (FC)

Rope Ø (mm)	Std. Soft Eye Size (mm)	Single Leg at 0°	Double Leg at 60°	Double Leg at 90°	Triple (45°) & Quadruple Leg at 90°
6	100	300	510	420	630
8	100	600	1020	840	1260
9	150	800	1300	1100	1600
10	150	1000	1700	1400	2100
11	150	1200	2000	1600	2500
12	200	1400	2300	1900	2900
13	200	1700	2800	2300	3500
14	250	2000	3400	2800	4200
16	250	2500	4200	3500	5200
18	300	3200	5400	4400	6700
19	350	3600	6100	5000	7500
20	350	4000	6800	5600	8400
22	350	4800	8100	6700	10000
24	400	5700	9600	7900	11900
26	400	6700	11300	9300	14000
28	450	7800	13200	10900	16300
32	600	10100	17100	14100	21200
36	750	12900	21900	18000	27000
38	750	14400	24400	20100	30200
44	900	19200	32600	26800	40300
50	1000	24800	42100	34700	52000
56	1200	31100	52800	43500	65300

Independent Wire Rope Core (IWRC)

Rope Ø (mm)	Std. Soft Eye Size (mm)	Single Leg at 0°	Double Leg at 60°	Double Leg at 90°	Triple (45°) & Quadruple Leg at 90°
6	100	350	595	490	735
8	100	700	1190	980	1470
9	150	800	1300	1100	1600
10	150	1100	1800	1500	2300
11	150	1300	2200	1800	2700
12	200	1500	2500	2100	3100
13	200	1800	3000	2500	3700
14	250	2100	3500	2900	4400
16	250	2800	4700	3900	5800
18	300	3500	5900	4900	7300
19	350	3900	6600	5400	8100
20	350	4300	7300	6000	9000
22	350	5200	8800	7200	10900
24	400	6200	10500	8600	13000
26	400	7200	12200	10000	15100
28	450	8400	14200	11700	17600
32	600	11000	18700	15400	23100
36	750	13900	23600	19400	29100
38	750	15500	26300	21700	32500
44	900	20700	35100	28900	43400
50	1000	26800	45500	37500	56200
56	1200	33500	56900	46900	70300



STEEL WIRE ROPE TYPES

- Ropes available in various diameters, constructions and finishes
- Manufactured to specifications JIS G3525-1977 and BS 302-1987

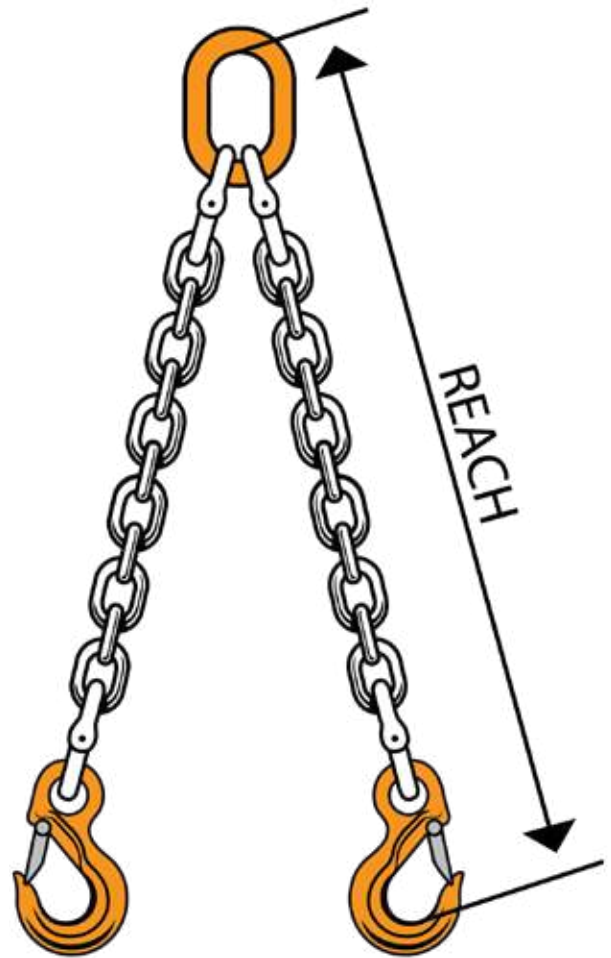
<p>1 x 19 (12/6/1) galvanised & stainless steel, 1770 MPa</p> <p>Control cables, general engineering</p>	<p>6 x 36 (14/7 + 7/7/1) fibre core, galvanised & un-galvanised, 1770 and 1960 MPa</p> <p>Mining, slings, general engineering, winches, hoists, cranes</p>	<p>6x36 (14/7 + 7/7/1) IWRC galvanised & ungalvanised, 1770 and 1960 MPa</p> <p>Mining, slings, general engineering, cranes</p>	<p>18 x 7 - 12 x 7 (6/1)/6 x 7(6/1) and 19 x 7 - 12 x 7 (6/1)/6 x 7(6/1)/1 x 7(6 x 1) fibre core, non-spin, ungalvanised, 1770 & 1960MPa</p> <p>Cranes, general engineering, non-spin applications</p>	<p>6 x 19 (12/6/1) fibre core, galvanised, 1770 MPa</p> <p>Mining, slings, general engineering, drilling</p>	<p>6 x 7(6/1) fibre core, galvanised, 1770 MPa</p> <p>General purpose, where less flexibility is required</p>	<p>6 x 7 (6/1) fibre core, galvanised, 1770 MPa, PVC covered</p> <p>General purpose and bell-wire applications</p>	<p>7 x 7 (6/1) stainless, grade 304 & 316, and galvanised</p> <p>For use with stainless steel and copper fittings, where rust prevention is essential</p>	<p>7 x 19 (12/6/1) stainless grade 304 & 316</p>
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CHAIN, CHAIN SLINGS AND COMPONENTS

RENTTECH SUPPLIES A RANGE OF QUALITY ACCEPTABLE CHAIN AND COMPONENTS RANGING FROM PREMIUM GRADE 800 CHAIN AND COMPONENTS TO ASSEMBLED CHAIN SLINGS, RIGHT THROUGH TO GRADE 1000 IN 200T AS WELL AS PAS1061.

The supply of chain slings is a somewhat daunting exercise if one is not prepared. The standard for a chain sling is the reach, this distance is commonly known as the “bearing to bearing” distance, and not the chain length. This is calculated by adding the length of the relevant components to be used and subtracting this figure from the total length to give the chain length required.



1 LEG SLING



2 LEG SLING



3 LEG SLING



4 LEG SLING

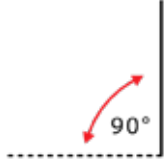

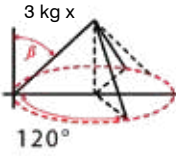
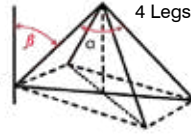
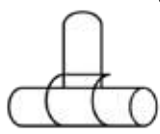


ACID AND ALKALI BE AWARE OF THE DANGER

Please remember that alloy chains are adversely effected by acid and alkali, not only with direct contact but also an acid or alkali environment. This can cause stress corrosion cracking and/or hydrogen embrittlement which will lead to failure of the chain, if the chain has inadvertently been exposed to acid or alkali please contact Renttech to further inspect the chain.

Grade 80 Chain Sling Components

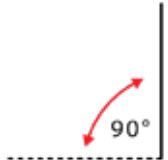

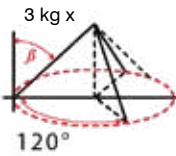

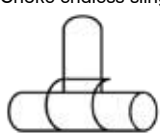
WORKING LOAD LIMIT IN TONNES acc. TO EN 1677

Load Factor	1	1.4	1	2.1	1.5	1.6
Chain Size (mm)	Tonnes	β 0 - 45o α 0 - 90o	45 - 60o 90 - 120o	β 0 - 45o α 0 - 90o	45 - 60o 90 - 120o	
6	1.12	1.6	1.12	2.36	1.7	1.8
7	1.5	2.12	1.5	3.15	2.24	2.5
8	2.0	2.8	2.0	4.25	3.0	3.15
10	3.15	4.25	3.15	6.7	4.75	5.0
13	5.3	7.5	5.3	11.2	8.0	8.5
16	8.0	11.2	8.0	17.0	11.5	12.5
19	11.2	16.0	11.2	23.6	17.0	18.0
20	12.5	17.0	12.5	26.5	19.0	20
22	15.0	21.2	15.0	31.5	22.4	23.6
26	21.2	30.0	21.2	45.0	31.5	33.5
32	31.5	45.0	31.5	67.0	47.5	50.0

Grade 100 Chain Sling Components

WORKING LOAD LIMIT IN TONNES acc. TO EN 818-4

Load Factor	1	1.4	1	2.1	1.5	1.6
Chain Size (mm)	Tonnes	β 0 - 45o α 0 - 90o	45 - 60o 90 - 120o	β 0 - 45o α 0 - 90o	45 - 60o 90 - 120o	
6	1.4	2.0	1.4	2.9	2.1	2.2
7	2.0	2.8	2.0	4.2	3.0	3.2
8	2.5	3.5	2.5	5.3	3.8	4.0
10	4.0	5.6	4.0	8.4	6.0	6.4
13	6.7	9.4	6.7	14.1	10.1	10.7
16	10.0	14.0	10.0	21.0	15.0	16.0
20	16.0	22.4	16.0	33.6	24.0	25.6
22	19.0	26.5	19.0	39.9	28.5	30.4





PPE & WORKWEAR FOR SAFETY ANYWHERE

At Dromex we believe that all employees are entitled to maximum protection and that employers should never have to compromise on the quality of the protective products they provide their staff. We believe that it is our responsibility to supply products that will deliver on this promise and it's not something we take lightly.

Know Safety. Know Dromex.



Dromex



WORKWEAR



**POSEIDON OIL & GAS
BOILERSUIT**



15CAL ARC SUIT



**D59 FLAME ACID
BOILERSUIT**



DENIM SUIT



**65/35 CONTI SUIT
(SANS 434 FIT)**



HI-VIZ REFLECTIVE SHIRT

S^TORM



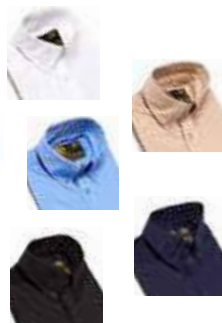
**APOLLO THERMAL
JACKET**



GOLF SHIRT



FORMAL SHIRTS



S^TORM



HARDBODY BODYWARMER

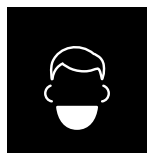


PROMAX COVERALL



ERGOS INTEC ARC HELMET

- Insulated helmet with integrated retractable visor & chin protection
- Provides safety against thermal hazards of an electric arc & projected droplets of molten metal
- Electrical insulation 1000V AC & 1500V DC
- ATPV 28 cal/cm² s
- Conforms to EN 166:2001, EN 170:2002, EN 50365:2002, EN 397:2012 + A1:2012, GS-ET-29:2011 & ASTM F2178-17b



RESPIRATORY



FULL FACE MASK



ESCAPE MASK



**TWIN
CARTRIDGES**



**SINGLE
CARTRIDGES**



PRE-FILTERS



ACTIVE CARBON



FLAT FOLD



3-PLY



HALF MASK



TWIN MASK



SPECIALISED GLOVES



WELD PRIME



WELD BLUE



THOR
ELECTRICIANS GLOVE



ULTI-CHEM



OIL-TECH



MACH030WP



MIIZU300HI



VIPER



EYEWEAR, HEAD & HEARING



DV-004-MAX



SPORTY RACER



HARDHAT



FOCUS



SPORTY COOL



DR-099C



DR-118C



CEM



INTEREX



HEAVY DUTY GENERATOR SETS

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GENSETS 13KVA-500KVA
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GENSETS 725-1000KVA
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GENSETS 1250KVA - 2250KVA
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EXTRA HEAVY DUTY "UNIPOWER R-SPEC"
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ECONOMY TYPE
PAGE 206

PORTABLE DIESEL COMPRESSOR

207



LIGHTING TOWER - VERTICAL TYPE

208



HEAVY DUTY GENERATOR SETS

GENSETS 13KVA-500KVA

PRIME POWER

- Available in sound attenuated (silent) or open type configurations

STANDARD DRIVE COMBINATIONS:

- UK Perkins / Leroy Somer
- Cummins / Newage Stamford
- F3L / F4L 912 / Newage Stamford



GENSETS 725-1000KVA

PRIME POWER

- Fitted in new converted 6m marine containers
- All units lined with sound proof material



GENSETS 1250KVA – 2250KVA

PRIME POWER

- Fitted in new converted 12m marine containers
- All units lined with sound proof material
- Synchronized units available with up to 16 units interconnected and running simultaneously

STANDARD DRIVE COMBINATIONS:

- UK Perkins / Leroy Somer
- Cummins / Newage Stamford

Various trailer fitted configurations available



Model	Approx fuel consumption liter p/hour @ 100% load	Engine type	Dimensions L X W X H	Alternator Type- Newage Stamford	Fuel Tank capacity Lliter	Prime power KVA 50hz	Weight kg	dB @7m
GMS30DR semi silent	tba	F3L912 – Air cooled	1710x975x1410	PI144E	60	30	850	78
GMS40DR Semi silent	tba	F4L912- Air cooled	2010x975x1410	PI144K	60	40	953	78
GMS42CS	9.0	Cummins 4BT3.9-G1	2668x1100x1708	PI144K	280	43	1423	71
GMS60CS	9.3	Cummins 4BTA3.9-G2	2688x1112x1749	UCI224E	360	60	1563	72
GMS100CS	22.0	Cummins 6BT5.9-G1	3162x1122x1834	UC1274C	360	100	2056	74
GMS175CS	40.0	Cummins 6CTA8.3G2	3442x1300x1851	UCI1274C	500	175	2618	74
GMS200CS	45.0	Cummins 6CTAA8.3-G2	3592x1300x1840	UCI274H	510	200	2669	75
GMS250CS	53.0	Cummins 6LTAA8.9-G2	3663x1362x1958	UCD1274K	500	250	2884	76
GMS312CS	68.0	Cummins NTA855-G1	4242x1400x2280	HC1444ES	660	312	4546	78
GMS350CS	75.3	Cummins NTA855-G4	4450x1500x2200	HC1444E	800	350	4940	78
WPS500S	tba	Perkins 2506C-E15TAG2	4512x1543x2553	HC1544D	1020	500	5228	78
WPS1000S containerized	tba	Perkins 4008TAG-2A	6058x2438x2728	LVI634E	1150	1000	11760	tba-
WPS1500S containerized	tba	Perkins 4012-4 + 6TAG-2A	12192x2438x3150	PI734C	2000	1500	20220	tba
WEPS2250S containerized	tba	Perkins 4106-61TRG3	12192x2428x3150	PI734G	2000	2250	20650	tba

Lead time – approx. 90 days from order (subject to engine availability)

Prices offered ex works Wadeville or standard units "In bond" Durban or Cape Town

Full range Cummins & Perkins units available on request - open type or silent type

EXTRA HEAVY DUTY “UNIPOWER R-SPEC”

GENERATOR SETS FOR COASTAL & CONSTRUCTION APPLICATIONS

- 5 year Rust proof warranty
- Ambient temperature operation -25° to +50°C
- Dual frequency on all units 50hz or 60hz
 - (Engines fitted with ECU can be changed directly)
- All units fitted with Newage Stamford alternators
- Extra heavy duty wear & crash proof base
- Painted in accordance with ocean shipping requirements
- Silent enclosure is manufactured of 2mm thick electrolytic plate
- All wires ARE numbered
- Electrical circuit diagram and notes on maintenance & operation is mounted in access door
- Easy access for maintenance
- Bunded fuel tank
- Schneider circuit breakers



DESIGN STANDARDS

ISO 8528/GB T2820/YD 502-2007/JB T20136-2006

Model	Engine type	Dimensions L X W X H	Alternator Type- Newage Stamford	Prime power KVA 50hz	Prime power KVA 60hz	Weight kg	Fuel Tank capacity	dB
GMS16KSR	Kubota D1703-BG	2062x1013x1287	PI044G	15.0	16.3	931	140	55
GMS25KSR	Kubota V2203-BG	2212X963X1257	PI144D	20.0	25.0	1026	135	55
GMS35KSR	Kubota V3300-BS	2338X1115X1554	PI1446	30.0	35.0	1202	180	55
WPS54SR	Perkins 1103A-33TG1	2358X1115X1491	PI144K	45.0	53.0	1426	180	61
WPS68SR	Perkins 1103A-33TG2	2358X1115X1491	UCI224E	60.0	68.0	1456	180	61
WPS113SR	Perkins 1104C-44TAG2	2770X1100X1580	UCI274C	100.0	113.0	1790	300	64
WPS151SR	Perkins 1006TAG	3520X1205X1820	UCI274E	135.0	151.0	2613	500	65
WPS206SR	Perkins 1106C-E66TAG4	3442X1200X1885	UCI274G	180.0	206.0	2700	500	65
WPS391R	Perkins 2206C-E13TAG2	4460X1600X2310	HCI444E	350.0	391.0	5081	980	69
WPS500SR	Perkins 2506A-E15TAG1	4592X1500X2510	HCI544D	500.0	563.0	5518	920	69

ECONOMY TYPE

GENERATOR SETS

- Standby application only
- Powerlink engine & alternator

Model	Type & dB	3phase or 1 phase	Kva prime	Kva standby	Engine Powerlink	Alternator Powerlink	Engine speed rpm	Fuel tank capacity L
DS15PS	Silent - 63 dB	3 phase	15	17	4D2.3CG	PL1D	1500	38
DSH15P5S	Silent - 63 dB	1 phase	15	17	3D1.1CG	PD1B-2	3000	38

600KVA – 2250KVA – prices available on request



HEAVY DUTY INDUSTRIAL

GENERATOR SETS

- Kubota/Newage Stamford power pack

Model	Type & dB	3phase or 1 phase	Kva prime	Kva standby	Engine Kubota	Alternator Newage Stamford	Engine speed rpm	Fuel tank capacity L
SDP15K5S	Silent - 61dB	1 phase	15	17	D1703-BG	PI144E	1500	38
DP15K5S	Silent - 61 dB	3 phase	15	17	D1703-BG	PI1044G	1500	37
DP20K5S	Silent - 61 dB	3 phase	20	22	V2203-BG	PI144D	1500	37
DP30K5S	Silent - 65 dB	3 phase	30	33	V3300-BG	PI144K	1500	75

PORTABLE DIESEL COMPRESSOR



Model	Capacity CFM	Pressure BAR	Delivery M ³ /min	Engine make	Engine model	Engine speed RPM
DS150-8	155	8	5	Kubota	V1505-T-E3B	3000
DS185-8	180	8	5	Kubota	F3M2011	2750
DS200-7	201	7	5.7	Kubota	V2403-M-T-E3B	2700
DS285-8	288	8	8.14	Kubota	V3600-T-E3B	2600
DR400-8	405	8	11.46	Cummins	4BTA3.9-C125	2200
DR750-8	760	8	21.5	Cummins	6CTA8.3-C240	2200
DR1050-8T	1028	8	29.1	Cummins	6LTA8.9-C360	1800
DR1300-8T	1293	8	36.6	Cummins	6LTA8.9-C360	1800
Various other sizes and pressures 10-24bar available on request						

LIGHTING TOWER – VERTICAL TYPE

LTK-H7

FEATURES

- 4 x 340 W LED lamps / 4 x 1000 W metal halide lamps
- 4 Heavy duty stabilizers with level bubble
- Oil & coolant drain for serviceability
- User friendly control panel
- Independent circuit breakers
- Auxiliary power output

OPTIONS

- Emergency stop button
- DC electric winch
- Ground connection
- Engine block heaters
- Spark arrestors
- Compact kubota Z482. Tier 4 final engine

LIGHTING TOWER	LTK-H7
FREQUENCY (HZ)	50
RATED VOLTAGE (V)	230
RATED POWER (KW)	6
MAX.OUTPUT (KW)	7
MAST HEIGHT (M)	9
POWER OUTLET SOCKETS	2*16A
FUEL CONSUMPTION (L/H)	1.7
FUEL TANK CAPACITY (L)	40
FUEL TANK HOURS	23
NOISE LEVEL (7M) DB (A)	74
WEIGHT (KG)	1630
DIMENSION IN OPERATION (L X W X H) MM	2400 x 1800 x 9000
DIMENSION IN TRANSPORT (L X W X H) MM	2400 x 1800 x 2540
LOAD CAPACITY IN 20FT (UNITS)	/
DISASSEMBLY	
LOAD CAPACITY IN 40HQ (UNITS)	4
DISASSEMBLY	
ENGINE	LTK-H7
ENGINE BRAND	Kubota
ENGINE MODEL	D110s-E2BG
SPEED(RPM)	1500
PRIME POWER (KW)	8.4
COOLING SYSTEM	Water-cooled
OIL CAPACITY	5.1
ALTERNATOR	LTK-H7
ALTERNATOR BRAND	Meccalte
ALTERNATOR MODEL	LT3N-130/4
CONTINUED POWER (KVA)	7
EXCITATION MODE	Capacitor exciter
ALTERNATOR INSULATION	H
PROTECTION GRADE	IP23



MAST	LTK-H7
MAST TYPE	Hydraulic
SECTION NO. (EXTENDED)	4
MAST ROTATION	359°
MAST EXTENSION TIME	14 seconds
MAST DESCEND TIME	14 seconds
LIGHTING	LTK-H7
TYPE OF LIGHTS	LED
NUMBER & POWER OF THE LIGHTS	4*350 W
MAST LIGHTING & EXTENSION	Hydraulic operation
LIGHT ANGLE TURNING	Electric
LUMINOUS FLUX	4*110000 = 440000
ILLUM AREA (S LUX MIN) M²	3900
LAMPS ROTATION	75°
PROTECTION GLASS	IP33
COLOR TEMPERATURE	4200K
TRAILER	LTK-H7
BRAKING SYSTEM	Parking braking
HITCH	Ball type / O ring option
TIRE RIM SIZE	18S / R14
SPEED	<80km/h





UNIPOWER

209

PETROL/ DIESEL GENERATORS

PETROL GENERATORS

210



DIESEL AIR COOLED GENERATOR

212



SINGLE CYLINDER DIESEL GENERATOR SETS

213



SA ASSEMBLED GENERATOR SETS PETROL DRIVEN SETS

213



PETROL GENERATORS

- PETROL / GASOLINE
- FITTED WITH AVR
- 3 PIN 230V POWER OUTLETS
- FULL SPARES & SERVICE BACK-UP



MODEL	UNI1000-S2	UNI3000-S2	UNI 4000-S2	UNI5000-S2	UNI7000E-S2
Engine	R100	R210	R 390	R390	R420
Horsepower	3.5HP	7HP	13HP	13HP	15HP
Engine Type	Air-cooled, 4-stroke, OHV, single cylinder	Air-cooled, 4-stroke, OHV, single cylinder	Air-cooled, 4-stroke, OHV, single cylinder	Air-cooled, 4-stroke, OHV, single cylinder	Air-cooled, 4-stroke, OHV, single cylinder
Displacement	99cc	212cc	389cc	389cc	420cc
Starting	Recoil	Recoil	Recoil or Electric	Recoil	Recoil or Electric
Frequency	50Hz	50Hz	50HZ	50Hz	50Hz
Voltage	220V	220V	230V	220V	220V
Rated Output	0.9KW	2.7KW	4KW	5KW	5.5KW
Max Output	1KW	3KW	4.5KW	5.5KW	6KW
DC Output	12V/8.3A	12V/8.3A	12V/8.3A	12V/8.3A	12V/8.3A
Phase	Single	Single	Single	Single	Single
Full-load Continuous Running Time	7h	7h	7.5h	8h	7h
1/2-load Continuous Running Time	11h	10h	14h	12h	11h
Fuel Tank	5L	15L	25l	25L	25L
Noise	65dB @ 7m	70dB @ 7m	72db@7m	72dB @ 7m	74dB @ 7m
Dimensions	489x369x419mm	573x465x452mm	680 x 520 x 542	697x554x544mm	697x554x544mm
Net Weight	27.5kg	48.5kg	77kg	78.5kg	85kg

DIESEL AIR COOLED GENERATOR

- SELF-EXCITATION AND CONSTANT VOLTAGE (AVR)
- VERTICAL, FOUR-STROKE, DIRECT INJECTION



MODEL		LSD8500TA
Generator		
Rated frequency	Hz	50
Rated output	KVA	6
Max. output	kVA	6.5
Rated Voltage	V	230
Rated current	A	52.2/26.1
Rated rotation speed		
rpm	3000	Phase NO.
Single phase, three loops	Power factor	1.0
Insulation Grade		B
Pole number		2
Excitation mode	Self-excitation and constant voltage(AVR)	
Panel Type	T:General Panel	TA:Digital Panel
Output	Voltage	V
	Receptacle	Two receptacles
	DC12V output	DC receptacle output
Overall dimension: L×W×H	mm	910 x 530 x 840
Dry weight	Kg	171
Working assorting weight	Kg	196
Load Capacity in 20FT (units)		48
Load Capacity in 40HQ (units)		144
Noise level(7m)	dB(A)	75
Structure type		Silent
Engine		
Engine Model		LD192FAE
Engine Type	vertical, four-stroke, direct injection	
Cylinder NO.-bore×stroke	mm	1-92x75
Displacement	ml	499
Rated power	KW	7.6/3000
Compression ratio		19:1
Rated rotation speed	r/min	3000
Combustion system		Direct injection
Cooling system		Air cooled
Lubrication system		Pressure splashed
Starting system		Electric starter
Fuel type	0#(summer)-10#(winter)-35#(chillness)diesel	
Lube oil brand	SAE10W30 (above CD grade)	
Capacity of cooling water	L	Without
Lube capacity	L	1.65
Starting motor capacity	V-kW	12V 0.8kW
Charging generator capacity	V-A	12V 3A
Battery capacity	V-Ah	12V 30AH
Fuel consumption	g/kW.h	275.1
Fuel tank capacity	L	16 as standard; 30 as option

SINGLE CYLINDER DIESEL GENERATOR SETS

MODEL	UNI5000DE	UNI5000DS
Engine Type	Single cylinder - air cooled – diesel driven	Single cylinder - air cooled – diesel driven
Structure	Open	Silent
Wheel kit	Yes	Yes
Rated frequency	50 hz	50 hz
Output voltage	220/230 V	220/230 V
Output power kVA	5.5	5.5
Power factor cos 0	1	1
Phase no	Single	Single
Excitation type	Self exciting brush type	Self exciting brush type
Regulation method	Compound	Compound
Noise level Db at 7m	75-79	70-74
Fuel tank capacity	12.5 L	12.5 L
Engine model	UNI 186 G2	UNI 186 G2
Engine operating speed	418 cc	418 cc
Displacement	3000 rpm	3000 rpm
Starting system	Recoil or 12v Electric	12v Electric
Fuel type	Diesel	Diesel
Oil type	SAE10W30	SAE10W30
Size	790x535x675	970x580x785
Weight	114kg	186kg



SA ASSEMBLED GENERATOR SETS PETROL DRIVEN SETS

- HEAVY DUTY
- SA ASSEMBLED
- IDEAL FOR CONTRACTOR USE
- BUILT TO LATEST SANS SAFETY SPECIFICATIONS
- FITTED WITH EARTH LEAKAGE FOR AC POWER
- FULL SPARE PARTS BACK UP



MODEL	UNI6P	UNI6D	UNI7.0/3Ph	UNI5.5/3ph
Fuel type	Petrol	Diesel	Petrol	Diesel
Unit output max –	6.0 kva	5.5 kva	7.0 kva	5.5 kva
AC Output -	230V single phase	230V single phase	380V – three phase	380V – three phase
Engine size - hp	15.0 hp	10.0 hp	15.0 hp	10.0 hp
Engine type	Single cylinder – air cooled	Single cylinder – air cooled	Single cylinder – air cooled	Single cylinder – air cooled
Frequency	50hz	50hz	50hz	50hz
Engine speed	3000 rpm	3000 rpm	3000 rpm	3000 rpm
Regulation method	Compound	Compound	Compound	Compound
Starting method	Recoil or Electric	Recoil or Electric	Recoil or Electric	Recoil or Electric
Power outlets	2 x 230v	2 x 230v	1 x 380v	2 x 230v
Earth leakage fitted	Yes	Yes	Yes	Yes
Dry weight - approx	120kg	125kg	135kg	130kg
Size	800 x 520 x 600	800 x 520 x 600	800 x 520 x 600	800 x 520 x 600



WHY RENTALS

- We can offer professional advice and services from site establishment to project completion
- Pipe Threading Machines from 1/2" - 4" BSP
- All Lighting plants in the rental fleet are LED
- Over 600 generators available for rental
- 15 branches across Southern Africa for all your rental requirements
- Compressors range from 200cfm to 1000cfm

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A WELDING MACHINES

A1: ENGINE DRIVEN WELDING EQUIPMENT

1. AC Petrol Welder, 200 Amp c/w Trolley
2. DC Welder, 170 Amp c/w Trolley
3. AC Diesel Welder, 180 Amp c/w Trolley
4. DC Diesel Welder, 300 Amp c/w Site Trailer
5. Diesel Welder Lincoln Ranger 305 c/w Roadworthy Trailer
6. DC Diesel Welder, 400/500 Amp c/w Site Trailer
7. 2 Pack Diesel Welding Unit (30 Kva Diesel Generator c/w 2 x 400 Amp Inverters, DB Board on Site Trailer)
8. 4 Pack Diesel Welding Unit (50 Kva Diesel Generator c/w 4 x 400 Amp Inverters, DB Board on Site Trailer)
9. 8 Pack Diesel Welding Unit (100 Kva Diesel Generator c/w 6 x 400 Amp Inverters, DB Board)

All rates are quoted per 10 hour day excess. Hours rates will apply.

A2: INVERTER WELDING MACHINES

1. 160 Amp 220 Volt DC Inverter Welder
2. 200 Amp 220 Volt DC Inverter Welder
3. 300/350/400 Amp 380/525 Volt DC Inverter Welder
4. 400 Amp HF TIG/MMA 380 Volt DC Inverter Welder
5. 600 Amp 380/525 Volt DC Inverter Welder
6. AC/DC Inverter 315 Amp High Frequency Welding Machine (Aluminium) - c/w Water Cooler and Water Cooled TIG Torch 380v Only
7. New! Mag/20A 230V 1 Phase 50Hz Mig/Mma DC Inverter

Please note, VRD supplied on some welding machines.

Please speak to your branch for more specification.

A3: MIG - FLUXCORE WELDING MACHINES

1. 400 Amp 380/525 Volt MIG Welding Machine c/w Wire Feeder and Mig Gun
2. 500 Amp 380/525 Volt MIG Welding Machine c/w Wire Feeder and Mig Gun
3. 600 Amp 380/525 Volt Rectifier c/w Feeder and Torch (Flux Core)
4. Trolley for Above Units
5. MIG Double Pulse system 380/525 Volt for Carbon Steel, Stainless Steel and Nickel Alloys Welding

A4: WIRE FEEDERS & ACCESSORIES

1. Lincoln LN 25

A5: PLASMA CUTTERS

1. Plasma Cutter, 30MM Capacity Cut 40 - LGK 120. Consumables and Torch Heads to be Purchased Separately
2. Hypertherm 45, 65, 85, 105

B WELDING & AUXILIARY EQUIPMENT

B1: CABLES

1. Welding Cable Set 5M (160 & 200M)
2. Welding Cable Set Complete 25M
3. Pig Tails - Each

B2: TORCHES

1. ARC Air Gouging Torches 300/400/500 Amp
2. Tig Torches c/w Flow Meters 7.5 & 25M
3. Tig Torches c/w Flow Meters 7.5 & 25M, Flex Head

B3: ELECTRODE HEATING EQUIPMENT

1. Electrode Hot Box 220 Volt
2. Electrode Drying Oven 350 C
3. Electrode Baking Oven 500 C

B4: GAS EQUIPMENT

B4.1 - CUTTING EQUIPMENT

1. Oxy/Acet Cutting Torch Set Complete 25 & 50m Long
2. Oxy/Acet Straight Line Cutter c/w Hoses and 3M Rail
3. Oxy/Acet Pipe Bevel Cutter (Hancock) Complete

B4.2 - HEATING EQUIPMENT

1. Propane Heating Torches Complete
2. Oxy/Propane Heating Torches Complete
3. Handy Gas Heating Torch Complete

B4.3 - BOTTLE TROLLEY & CAGES

1. Gas Bottle Trolley (Single) and (Double)
2. Gas Cylinder Lifting Cage - 4 Bottle Capacity
3. Gas Cylinder - Storage Type Only

B5: TRAILING CABLE & PLUGS

1. Plug Tops 380/525V
2. Extension 380/525V c/w Plugs x 15 & 25M Long

B6: ELECTRIC PIPE BEVELING MACHINE

1. Electric Pipe Beveling Machine

C ELECTRICAL POWER TOOLS

C1: ELECTRICAL GRINDERS

1. Angle Grinder 115, 150, 230mm
2. Pencil Die Grinder (6mm)
3. Straight Grinder 150mm
4. Bench Grinder 150mm
5. Cut Off Machine 355mm

C2: ELECTRICAL PRECUSSION DRILLS

1. Hitachi / Bosch 30, 40, 50mm Capacity

C3: MAGNETIC BASE DRILLS

1. Hitachi / Bosch 30, 40, 50mm Capacity

C4: PISTOL DRILLS

1. Hand Drill 13, 16mm Chuck

C5: DRILL ADAPTORS

1. SDS Adaptor for Hitachi Drills
2. Chuck for Magbase Drills 16mm
3. Sleeves for Magbase Drills

C6: ELECTRICAL SAWS

1. Reciprocating Saw 220 Volt
2. Jig Saw 220 Volt
3. Circular Saw 230mm Blade

C7: PIPE THREADING (SCREWING MACHINES)

C7.1 - MACHINES

1. Compact 300 Pipe Threading Machine
2. 535 Ridged Screwing Machine
3. 1224 Ridged Screwing Machine

C7.2 - DIE HEADS

1. 1/2" - 2", 2" - 4" Ridged 141, 4" - 6" c/w Drive Die Head
2. Universal Bolt Die Head

C7.3 - DIES (CONSUMABLE)

1. Die Set for Ridged 535 & Compact 300
2. Die Set for Ridged 1224

C8: TRANSFORMERS

1. Inspection Transformer 220V to 32V
2. Stepdown Transformer 525V to 380V - 50, 25, 12.5 Kva
3. Portable Earth Leakage Units

C9: TRANSFORMERS

1. Fluorescent Lights 1.2m on Stands
2. Flood Lights 500w, 1000w QI On Stands
3. Lead Lights 32/220v
4. Lighting Plant c/w 4 Lights 6M High on Roadworthy Trailer - Manual Operating Mast 400W Globes
5. Lighting Plant c/w 4 Lights Automatic Telescopic on Trailer - Electronic Operating Mast 100W Globes - Metal Halide
6. Lighting Plant c/w 4 Lights Automatic Telescopic on Trailer - Electronic Operating Mast 1000W Globes LED Lights

C10: IMPACT TOOLS

1. Electric Impact Wrench 1/2" Drive
2. Electric Impact Wrench 3/4" Drive (See Pneumatic Impacts)

C11: EXTENSIONS

1. Extension Reels 220v - Double (Cab Tyre), (Screen Cable)

C12: DISTRIBUTION BOARDS

1. DB Boards 380/525v 63 Amp x 6 Way c/w 220v
2. DB Boards 220v x 9 Outlets
3. Inverter Frames 6 Pack c/w DB Board
4. Inverter Frames 4 Pack c/w DB Board

C13: OTHER POWERTOOLS

1. Extractor Fan 220/380v x 500m
2. Electric Plate Nibbler 2mm
3. Electric Plate Shear 2mm
4. High Pressure Steam Cleaner Was 380v
5. Petrol Driven Power Washer 180 Bar
6. Heavy Duty Electric Vacuum Cleaner

C14: ELECTRICAL BREAKERS

1. Electric Breaker PH 65, 70

D PNEUMATIC EQUIPMENT (AIR TOOL)

D1: GRINDERS

1. Angle Grinder 115, 178, 230mm
2. Pencil Grinder
3. Air Straight Grinder 150mm

D2: DRILLS

1. Air Corner Drills - 16mm
2. Air Corner Drills - 3 Morse Taper
3. Pistol Drill 13, 16mm
4. Air Reamers
5. Air Paving Breaker 24kg, 36kg

D3: IMPACT WRENCHES

1. Impact Wrench 1/2", 3/4", 1", 1.5" Drive
2. Impact Sockets (See Attachment)

D4: CHIPPING HAMMERS

1. Needle Descalers
2. Air Chipping Hammers
3. Paving Breaker

D5: MANIFOLDS

1. Air Manifolds c/w 6 x Outlets
2. Air Receiving Tanks

D6: OTHER PNEUMATIC EQUIPMENT

1. Air Hoses 1/2" x 30m, 3/4" 30m Long c/w Quick Release Couplers
2. Air Ventilators 150mm (Venturies)
3. Air Saw Veralux (Tube Saw)
4. Pipe Beveling Machine 1/2" to 3"
5. Mandrill for Pipe Beveling Machine
6. Air Filter Lubricators on Stands
7. Air Lubricator / Dust Retractor - In Line

E RIGGING EQUIPMENT

E1: CHAINBLOCKS

1. Chain Block 1, 1.5, 2, 3, 5, 10, 20 ton (3 to 6m Lift)

E2: RATCHET LEVER HOISTS (PULL LIFTS)

1. Ratchet Lever Hoist (Pull Lift) 3/4, 1.5, 3, 6 (3m to 6m Lift)

E3: TIRFORS

1. Tirfor 1.5, 2, 3 Ton and 4, 5 ton c/w 30m Wire Rope

E4: AIR WINCHES

1. Air Winch 2, 3, 5 Ton c/w Wire Rope 100m Standard Length

E5: SNATCH BLOCK

1. Snatch Block 1, 2, 3, 5, 10 Ton

E6: ROPE BLOCKS

1. Rope Blocks 1, 2 Ton

E7: BEAM CLAMPS

1. BEAM CLAMPS 1, 2, 3, 5, 10 TON

E8: BEAM CRAWLS

1. Beam Crawl 1, 2, 3, 5, 10 Ton

E9: SHEAVE BLOCKS

1. Sheave Block 2, 3 Ton

E10: PLATE CLAMPS

1. Plate Clamp Vertical 2, 5 Ton
2. Plate Clamp Horizontal 2, 6 Ton

E11: SLINGS

1. Steel Wire Rope Slings, Flat Webbing Slings Single, Endless Round Slings

E12: SHACKLES

1. 4Bow & D Shackles - All Sizes Available

Prices and sizes available on request for the above.

F SURVEY EQUIPMENT

1. Dumpy Level c/w Tripod and Staff
2. Theodolite c/w Tripod

G SURVEY EQUIPMENT

1. Submersible Pump 2" 220v
2. Submersible Pump 3", 4" 380v 11kva
3. Petrol Driven Waterpump 2", 3"
4. Diesel Driven Waterpump 3", 4"
5. Diesel Driven Waterpump 6" Mounted on Site Trailer
6. Suction Hose 5M-10M 2", 3", 4", 6" c/w Strainer
7. Discharge/Layflay Hose 20M-25M 2", 3", 4", 6"

I GENERATORS

1. Petrol Genset 3.5 kva Single Phase 220v
2. Petrol Genset 5.0 kva Single Phase 220v
3. Diesel Genset 5.0 kva Single Phase - Semi Silent - Silent 220v
4. Diesel Genset Silent 15kva 3 Phase 1500 RPM 380v
5. Diesel Genset 30kva 3 Phase 1500 380v RPM
6. Diesel Genset Silent 50kva 3 Phase 1500 RPM 380v
7. Diesel Genset Silent 60kva 3 Phase 1500 RPM
8. Diesel Genset Silent 100kva 3 Phase 1500 RPM
9. Diesel Genset Silent 150kva 3 Phase 1500 RPM

H HYDRAULIC EQUIPMENT

H1: BOTTLE JACKS

1. Hydraulic Bottle Jack 10, 20, 30, 50 Ton

H2: PORTA POWER JACKS & PUMPS

1. Hydraulic Porta Power Jack c/w Hand Pump 5, 10, 20, 25, 35, 50, 100, 150 Ton

H3: VARIOUS OTHER HYDRAULIC EQUIPMENT

1. Hydraulic Trolley Jack 2 Ton
2. Engine Jack 2 Ton
3. Pallet Jack 2 Ton
4. Pipe Bender 13mm to 76mm c/w Formers
5. Mechanical Toe Jack 20 Ton
6. Hydraulic Flange Spreader 1.5 Ton
7. Hydraulic Nut Splitter 40 & 70mm

H4: VARIOUS OTHER HYDRAULIC EQUIPMENT

1. Electric Pipe Bender 13mm - 75mm c/w Formers

10. Diesel Genset Silent 200kva 3 Phase 1500 RPM
11. Diesel Genset Silent 250kva 3 Phase 1500 RPM
12. Diesel Genset Silent 300kva 3 Phase 1500 RPM
13. Diesel Genset Silent 350kva 3 Phase 1500 RPM
14. Diesel Genset Silent 400kva 3 Phase 1500 RPM
15. Diesel Genset Silent 500kva 3 Phase 1500 RPM

*All rates are quoted per 10 hour day.
Excess hours rates will apply.*

J COMPRESSORS

1. Diesel Driven Compressor 200CFM Mounted on Roadworthy Trailer - Super Silent
2. Diesel Driven Compressor 250CFM Mounted on Roadworthy Trailer - Super Silent
3. Diesel Driven Compressor 450CFM Mounted on Trailer - Super Silent
4. Diesel Driven Compressor 700CFM Mounted on Trailer - Super Silent
5. Diesel Driven Compressor 900CFM Mounted on Trailer - Super Silent
6. Diesel Driven Compressor 1000CFM Mounted on Trailer

All rates are quoted per 10 hour day.

Excess hours rates will apply.

Please note on compressors, Renttech can also supply chissels / moils and breakers.

K TESTING EQUIPMENT

1. Electric Driven Pressure Test Pump (220v) 160 Bar
2. Electric Driven Pressure Test Pump (380v) 160 Bar
3. Hand Pressure Test Pump 50 Bar, 100 to 300 Bar c/w High Pressure Hose 2M
4. Air Driven Pressure Test Pump 160 Bar c/w High Pressure Hose 2M
5. High Pressure Hoses for Pressure Test Pumps 5m, 25m

L STORES AND OFFICES

1. Site Office Container 6m With Electrical Articulation excl Furniture and Aircon Issued With Certificate of Compliance (COC)
2. Site Storage Container c/w Shelving 6m With Electrical Articulation Issued With Certificate of Compliance (COC)
3. Site Storage Container 6m With Electrical Articulation Issued With Certificate of Compliance (COC)

M CIVILS EQUIPMENT

1. Rammer
2. Plate Compactor
3. Plate Compactor Reversible
4. Poker Drive Unit - Petrol / Diesel
5. Poker Needle 26mm - 75mm

6. Concrete Mixer 350L - Petrol Driven
7. Power Float
8. Concrete Saw - Petrol Driven
9. 650mm Double Drum Forward / Reverse Vibrator Roller

N GENERAL CONSTRUCTION EQUIPMENT

N1: PIPING EQUIPMENT

1. Pipe Wrench 24", 36"
2. Chain Tong 36"
3. Pipe Vice On Stand
4. Pipe Cutter 2", 2"-4", 4"-6", 6"-8", 8"-12"
5. Pipe Cutter LCRC Rotary Type 6"-8" Chain Type
6. Pipe Trestle c/w Load Test Certificate

N2: PIPING EQUIPMENT

1. Manual Flange Spreader No1, No2, No3
2. Gas Bottle Cage Small, Large

N3: TORQUE EQUIPMENT

1. Torque Wrench 200 - 1500mm Issued With Certificate of Calibration
2. Torque Wrench 100 - 500mm Issued With Certificate of Calibration

N4: ELECTRIC TIME CLOCKS

1. Time Clock Machine - 22w Analogue (220v), Digital (220v)

N5: LADDER

1. Aluminium A Frame, Extension Ladder 6m
2. Swr Ladder 15m (Rope Ladder)

N6: SAFETY EQUIPMENT

1. Life Line Belt
2. Safety Belt
3. Safety Harness

N7: OTHER EQUIPMENT

1. Diesel Bowser 1000lt c/w Hand Rotary Pump, 12v Electric Fuel Pump
2. Steel Work Bench c/w Vice
3. Express Skates 15 Ton
4. Tarpaulins 5 x 5m
5. Tarpaulins 4 x 4m
6. Gang Boxes 1 x 1m
7. Scotch Cart
8. Welding Screens

DISCLAIMER

The information, specifications, data, illustrations and recommendations for use contained in this catalogue are provided as a guide and for information purposes only. Any person relying on this catalogue with regards to the purchase and use of the products disclosed in this catalogue (“the products”) does so in accordance with this disclaimer.

The information contained in this catalogue regarding the properties of the products corresponds to the results of their supplier’s calculations, experiments and tests and does not constitute a guarantee or create any contractual obligations between any person and Subsidiaries, Agents, Contractors, Affiliates and their Representatives, Directors, Officers, and Employees will not be liable for any harm, loss or any damages (whether direct, indirect, special, and/or consequential) caused to any person or property of whatsoever nature and howsoever incurred, as a consequence of:

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- (ii) in respect of any reliance placed upon the information provided in this catalogue, and/or
- (iii) the guidelines and specifications applicable to the products and published from time to time, including, without limitation, the guidelines and specifications contained in this catalogue.

This limitation of liability includes, without limitation and without detracting from the generality of the foregoing:

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- (ii) any failure by any person to use the product without the necessary training in respect of the products
- (iii) any failure by any person to use the product for their intended purpose and/or
- (iv) any incorrect selection of products by a person in relation to the product’s intended use in this catalogue, to the maximum extent permitted by law.

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- (v) the use of unsuitable working materials or conditions
- (vi) designs that the user has expressly requested which deviate from this catalogue, and/or
- (vii) normal wear and tear

WARNING!!

Please note that the use of the products can be dangerous and may result in serious injury or even death.

It is recommended that the products be used strictly in accordance with the guidelines and specifications contained in this catalogue and/or which accompany the product.

ABBREVIATIONS

WELDING

AC	- Alternating Current	IBGT	- Isolated Bi-Polar Gate Transistor
AGW	- Automatic Girth Welder	MAG	- Metal Active Gas
DC	- Direct Current	MCAW	- Metal Core Arc Welding
CC	- Constant Current	MIG	- Metal Inert Gas
CV	- Constant Voltage	MMA	- Manual Metal Arc
EGW	- Electro Gas Welding	OCV	- Open Circuit Voltage
FCAW	- Flux Core Arc Welding	PFC	- Power factor correction
FCAW-GS	- FCAW Gas Shielded	SAW	- Sub Merged Arc Welding
FCAW-SS	- FCAW Self Shielded	SMAW	- Shield Metal Arc Welding
GMAW	- Gas metal Arc Welding	TIG	- Tungsten Inert Gas
GTAW	- Gas Tungsten Arc Welding	VRD	- Voltage Reducing Device
HF	- High Frequency		





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