

RENTTECH

WELDING

GAS EQUIPMENT
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 - Unilift / Webbing / Wire Rope / Chain Slings / Safety Harnesses / Arrestors

GAS EQUIPMENT

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

METALWORKER RANGE

001

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

001

OXYGEN & ACETYLENE FLASHBACK ARRESTOR



ALL FITTINGS ARE 3/8"

001



CUTTING TORCHES

001

HAND CUTTING TORCHES



CP980 CUTTING TORCH
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CUTTING ATTACHMENT
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CUTTING AND GOUGING TIPS

003

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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FLASHBACK ARRESTORS

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188-2 (L & R)



188-T (L & R)



188-1G (L6 & R6)



188-GG (L & R)

QUICK ACTION COUPLING

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CPL8



CPLGB



QACL8



QACLGB

OXY-ACETYLENE TOUGH PROFESSIONAL EQUIPMENT

PAGE 008

CUTTING - NOZZLE MIX



CUTTING

SINGLE FLAME WELDING MEDIUM PRESSURE



SINGLE FLAME BRAZING

CUTTING SPECIALTY APPLICATIONS



SINGLE FLAME WELDING MEDIUM PRESSURE

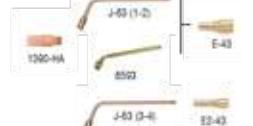


SINGLE FLAME BRAZING

SINGLE FLAME BRAZING

MULTIFLAME BRAZING

MULTIFLAME HEATING MEDIUM PRESSURE



SINGLE FLAME BRAZING

MULTIFLAME HEATING

GAS EQUIPMENT

009

'Y' CONNECTIONS



CUTTING NOZZLES



TRIPLE FLINT LIGHTER



NOZZLE CLEANER



OETIGER CLAMPS



PARALLEL HOSE CLAMPS



GAS HOSE - STYRENE BUTADIENE RUBBER



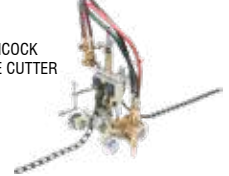
INERT GAS HOSE



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

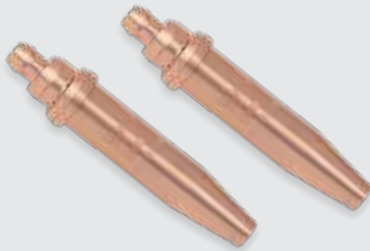


PLATED SHELL

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	
HC-8290-6	8290-ANME6	200 - 250	4.5	1.0	273 NM
HC-8290-7	8290-ANME7	250 - 300	5.5	1.0	Cutting Attachment

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



899-1.5-AC

OXYGEN

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

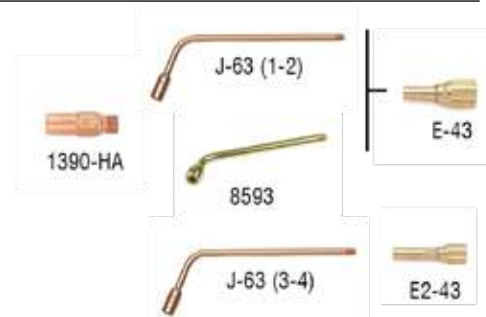
CUTTING - NOZZLE MIX



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

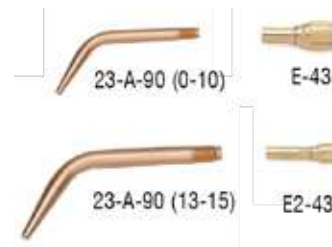
SINGLE FLAME WELDING MEDIUM PRESSURE

(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

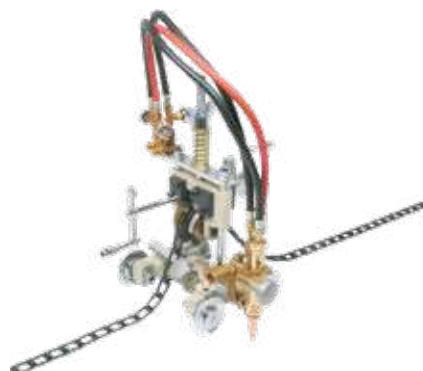


HANCOCK PIPE CUTTER

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



H-1



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H-4





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- (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.

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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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