



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 UNIFEED24 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 Multiarc500 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 - 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



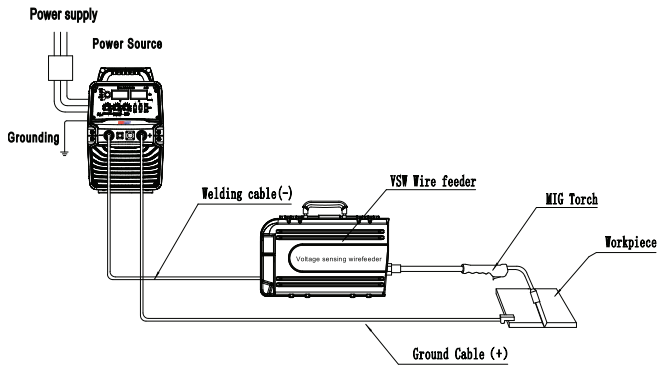
Output DC CC/CV

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

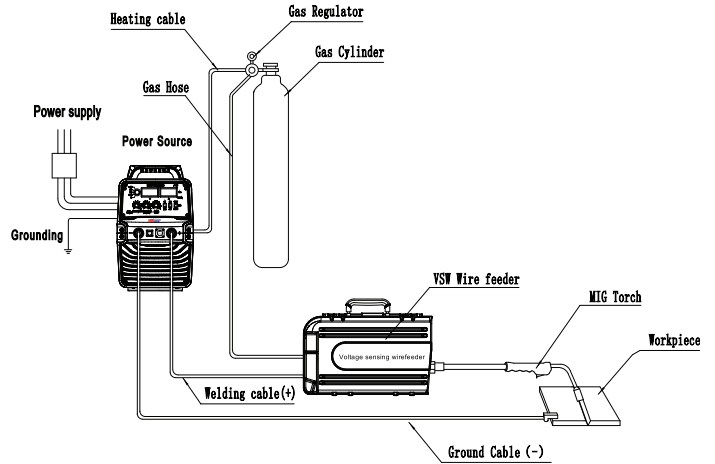


SETUP

FOR SELF-SHIELDED FLUX-CORED WIRE



FOR SOLID WIRE



MULTI PROCESS INVERTER

MULTIARC500



ADDITIONAL ITEMS

UNIARC 26V TIG TORCH

Code	Model	Description
41699	UNIARC 26V TIG Torch	Aircooled, TIG - WP 26V (8 meters)



UNIARC 18V TIG TORCH

Code	Model	Description
41700	UNIARC 18V TIG Torch	Watercooled, TIG - WP 18V (8 meters)



UNIARC PROGRIP40 TORCH

Code	Model	Description
37056	UNIARC Progrid40 Torch	



REMOTE CONTROL

Description
UNI-RC 25 (25 Meters)
UNI-RC 50 (50 Meters)



GOUGING TORCH

Description
GOUG-K4000



UNIFEED24 - WIREFEEDER

Code	Description
41427	UNIFEED24 - wirefeeder



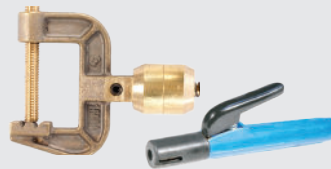
FLOWMETER & GAS HOSE

Description
Flowmeter & Gas hose - Please specify gas as well as length of Gashose



ELECTRODE HOLDER

Description
Earthclamp and cables - Please specify length and amperage required



UNIARC PRO WELDING JACKET

Size Breakdown	
40689	SMALL
40690	MEDIUM
40691	LARGE
40692	EXTRA LARGE
40693	2XL
40694	3XL



WELDING HELMET

Code	Model	Description
36944	ADF815S	TM16 BLUE TM16-ADF815S B
36945	ADF815S	TM16 BLACK AND WHITE TM16-ADF815S BW
36946	ADF725S	M17 GLOSS BLACK TM17-ADF725S B
36947	ADF725S	TM17 RED TM17-ADF725S R
40961	TM1000	TM1000 BLACK FLIP FRONT AUTO DARKENIG HELMET
16221	WC715	UNIARC WELDCREW AUTO DARKENIG HELMET
41826		NECK PROTECTION TECMEN NP003
41827		HP011-B EXTENDED HEAD PROTECTION TECMEN HELMETS

