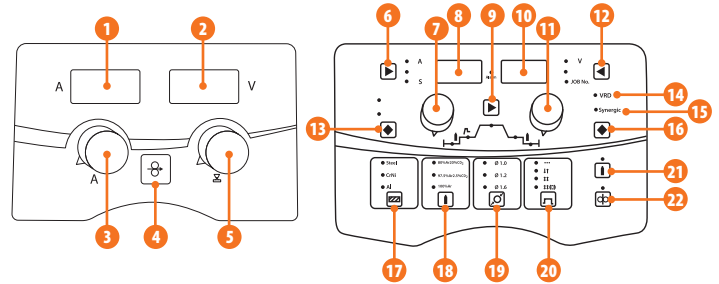




ORDER CODE
JM-500SYN

COMPLETE WITH

MIG torch, Gas hose, Work return lead & clamp, 4 roll wire feed unit
5m interconnecting cable, Water cooling unit and Trolley



1 Amperage Digital Display	9 Parameter Selector	17 Material Selector
2 Voltage Digital Display	10 Gas Purge Button	18 Gas Selector
3 Current Adjustment	11 Adjustment Control	19 Wire Diameter Selector
4 Wire Inch Button	12 Selector Button	20 Torch Switch Mode
5 Voltage Compensation	13 Mode Selector	21 Gas Purge Button
6 Selector Button	14 VRD Indicator	22 Inch Button
7 Adjustment Control	15 Synergic Indicator	
8 Digital Display	16 Synergic Mode Selector	

KEY FEATURES

- IGBT multi process inverter
- Synergic MIG/MAG, Lift TIG and MMA
- DSP digital technology for optimum welding performance
- 4 roll wire feed unit
- Suitable for 0.8, 1.0, 1.2 and 1.6mm welding wire
- Easy parameter settings for the operator
- Synergic curves for common materials & wire diameters
- Self diagnostic system
- Encoder feedback control of wire feed system
- Power & status LED's
- Integrated water cooling system
- Inverter trolley takes full size gas bottle

The Jasic MIG 500SYN is a powerful MIG/MAG synergic welding system. It is suitable for use in the most demanding situations and its digital controls and displays make it easy to use.

It has synergic programs for a range of common wires and materials.

TECHNICAL DATA

Input Voltage	400 +/- 20% 3P
I _{eff} (A)	28.7
Input Power (kVA)	24.2
Voltage Adjustment Range (V)	15.5 - 50
Current Range (A)	MIG 60 - 500 MMA 30 - 500
VRD Voltage MMA (V)	15
Duty Cycle @ 40°C	500A @ 50%
No-Load Voltage (V)	80
Wire Speed (m/min)	1.5 - 22
Efficiency (%)	91
Power Factor	0.92
Protection/Insulation Class	IP23S/F
Dimensions (LxWxH mm)	1020 x 505 x 1390
Weight (Kg)	129

OPTIONAL ACCESSORIES

Order Code	Description
* EC-5-03	Work Return Lead & Clamp
* T501-3	TS01 3m Torch
T501-4	TS01 4m Torch
WC-3-3	Electrode Lead 3m

FEED ROLLERS

As Standard		Optional	
Order Code	Description	Order Code	Description
* 10054932	1.0/1.2 V Groove Roller	1004V0608	0.6/0.8 V Groove Roller
* 10054933	1.2/1.6 V Pressure Roll	10054934	0.8/1.0 V Groove Roller
* 10054930	1.0/1.2 U Groove Roller	10062293	1.0/1.2 Knurled
* 10054931	1.2/1.6 U Groove Roller	10062292	1.2/1.6 Knurled
* 10054937	Flat Pressure Roll	10054933	1.2/1.6 V Pressure Roll
		10054936	1.0/1.2 V Pressure Roll