



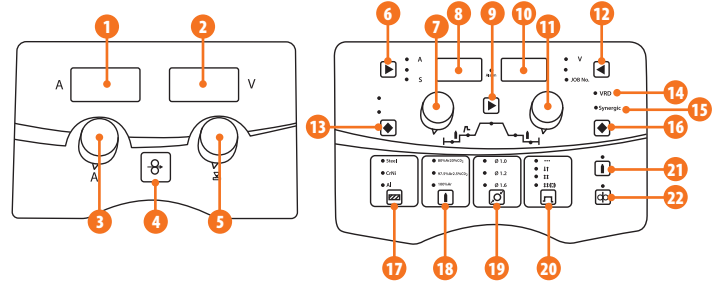
ORDER CODE  
**JM-500SYN**

**SYNERGIC**

**NEW**



**5** Year Warranty\*



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	



Included

DSP digital technology for optimum welding performance

## KEY FEATURES

- IGBT multi process inverter
- 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 500S 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 <sub>eff</sub> (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	

## PACKAGE INCLUDES

Inverter power source, Trolley, 4 roll wire feed unit, 5 mtr interconnecting cable, Water cooler, Titanium 501 MIG welding torch, Work return lead and clamp, Gas hose & regulator, Operating instructions, 5 year warranty\*

## OPTIONAL

MMA Leads  
**WCS25-3WEL**

