



# SUBMERGED ARC



The Jasic MAX series SAW-1250 is an industrial grade IGBT inverter CC/CV power source that delivers 100% duty cycle at 1250A.

Its dust-free air passage and on-demand cooling system, combined with a rugged industrial design, ensure maximum reliability in the toughest environments.

A high-definition digital display with digital encoder control provides clear parameter readouts and precise adjustment, giving operators complete confidence and control. An ideal choice for heavy duty MMA, Gouging or SAW applications.



## KEY FEATURES

- CC/CV Power source only
- SAW, MMA and Gouging functions
- Excellent arc ignition performance
- Limited fluctuation of welding current and voltage, ensuring stable wire feeding
- Precise preset welding current for CV mode welding
- Stable welding with wires of various diameters and materials
- 100% duty cycle at 1250A
- IP23 protection class
- Dust-free sealed air passage
- On demand fan cooling
- High definition digital display

## TECHNICAL DATA

|                              |                         |
|------------------------------|-------------------------|
| Input Voltage                | 400Vac +/- 15% 50/60 Hz |
| Rated Input Power            | 91.5A                   |
| Rated Input Power Capacity   | 65kVA                   |
| Power Factor                 | 0.85                    |
| No Load Voltage              | 79                      |
| Rated Output                 | 1250A/44V               |
| Welding Current              | 100-1250A               |
| Arc Start Range              | 0-500A                  |
| Rated Duty Cycle @40°C       | 80                      |
| Efficiency                   | 91%                     |
| Protection/ Insulation Class | IP21/F                  |
| Dimensions                   | 890 x 400 x 811mm       |
| Weight                       | 115Kg                   |

## STANDARD ACCESSORIES

Power Source Only

## OPTIONAL ACCESSORIES

Carbon Gouging Torch, Tractor (AT-2)

# SAW 125 with Tractor

ORDER CODE **SAW-1250T**



The Jasic MAX series SAW-1250T is an industrial grade IGBT inverter Submerged Arc Welding package that delivers 100% duty cycle at 1250A.

Its dust-free air passage and on-demand cooling system, combined with a rugged industrial design, ensure maximum reliability in the toughest environments.

A high-definition digital display with digital encoder control provides clear parameter readouts and precise adjustment, giving operators complete confidence and control. An ideal choice for heavy duty MMA, Gouging or SAW applications, the SAW-1250T comes complete with AT-2 Tractor, MK-3 Control box, welding cables and two 1 meter guide rails.



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### STANDARD ACCESSORIES

Tractor, MK-3 Control Box and Carriage, Welding Cable,  
1m Guide Rail (x2)

### OPTIONAL ACCESSORIES

1m Guide Rail, Carbon Gouging Torch