

AVAILABLE
FOR
SALES AND
RENTAL

Fully Digital Inverter DC SAW Power Source

Mach Weld 1200 - I CC/CV DC OUTPUT

Universal
H I - T E C H
E Q U I P M E N T S F Z E

Solution for the welding universe



Specifications	MW 1200 - 1
Control Mode	Inverter
Mains supply	415V± 20%, 3Ph, 50Hz
Rated input power	64KVA
Rated no load voltage	74V
Output current range	100 – 1200A
Full load rating	1200A/70%
Continuous load	1000A/100%
Protection class	IP21S
Insulation class	200°c
Dimensions, L x W x H	718 x 503 x 1007 mm
Weight	141 Kg

FEATURES

1. IGBT-based heavy-duty inverter DC power source for Submerged ARC Welding, Carbon Air Arc Gouging (CAAG), and Electro Slag Welding.
2. With unique high-power non-parallel inverter technology, the machine has simplified structure and reduced the potential failure points, avoiding the different current issues among the modules caused by the parallel method.
3. Digital inverter control, high accuracy, more stable ARC output.
4. Digital MCU intelligent control, fault self-diagnosis, output fault code.
5. Energy saving, economic and environment-friendly, efficiency up to 89%.
6. With the power supply voltage fluctuation compensation function, 20% voltage fluctuation is allowed.
7. The power factor can reach 0.94, which has little influence on the power grid.
8. Has multi protection function, such as overheating, over current, over voltage, under voltage, phase missing, etc.
9. CC/CV DC output optional.

ADDITIONAL FEATURES

- 01 High welding quality and high efficiency with DC TIG, and DC Stick.
- 02 Powerful Performances for pressure vessels, pipes, plant maintenance, etc.
- 03 Low current is 5 to 400 Amp for thin plate to thick plate.
- 04 Suitable for welding of different thickness plates and materials.
- 05 Work with the gap and of all positions.
- 06 Excellent Dynamic Characteristics for Stable Arc.