



Choon Huat Engineering Pte Ltd
春發機械(私人)有限公司

SMAW 500 (I)

DC Inverter Manual Metal Arc Welding Machine



SMAW 500(I), an advance Inverter based Manual Metal Arc welding equipment produces welds of highest quality that exceeds even the most stringent expectations. With a inherently stable arc, welding beads are uniform and resultant splatter greatly reduced. The SMAW 500(I) is not only designed to withstand the harshest of elements, it is also endowed with automatic voltage compensation affording a wide operating voltage range between a low 340V to 420V during which machine stability is maintained. Other intrinsic protections include over-current and overheating automatic cut-offs preventing further possible damages caused by abuse or an instable grid.

The SMAW 500(I) is commonly used in the manufacturing of boilers, pressure vessels, industry equipment installation, ships and vessels, petrochemical plants, automotive etc.

Associate Brands



SMAW 500 (I)

FEATURES

1. Electrical arc is stable with less spatter while working and the welding beads is uniform after welding
2. The current can be adjusted. Strike arc is possible even under low current condition
3. Digital display for Current and Voltage readings
4. Safe and reliable as it has built in over-current, over-heat and lack-voltage protection
5. User friendly interface

TECHNICAL SPECIFICATION

SMAW 500 (I)

Input Power Supply	3-Phase, AC415V \pm 10%, 50/60Hz
Input Rating	17 (KVA)
Output Current Range	30-400 (A)
Rated Output Voltage	36 (V)
Open Circuit Voltage	80 (V)
Rated Duty Cycle	60 (%)
Welding Rod Diameter Range	Φ 2.5- Φ 5.8 (mm)
Insulation Grade	F
Shell Protection Degree	IP21
Machine Dimension (LxWxH)	725x330x595 (mm)
Weight	42 (kg)

Other models are also available. For more information, please feel free to contact us at
Tel: (65) 6862 2222 or Email: sales@choonhuat.com.sg