

# RILAND

**THE WELDING EXPERTS  
YOU CAN TRUST**

The Heavy Industrial Submerged Arc Welding Machine

## SAW 1250HD

Full Digital, Automatic, Professional, Excellent, Efficient

- ▲ The advanced IGBT inverter technology.
- ▲ Generator friendly.
- ▲ 100% duty cycle at 1250A.
- ▲ Analog keys and rotary knobs for convenient operation.
- ▲ Intelligent energy-saving mode as the machine stop working for more than 5 minutes.
- ▲ Unique control circuit to balance two side's output current and voltage.
- ▲ Startup protection circuit in case of inrush current.



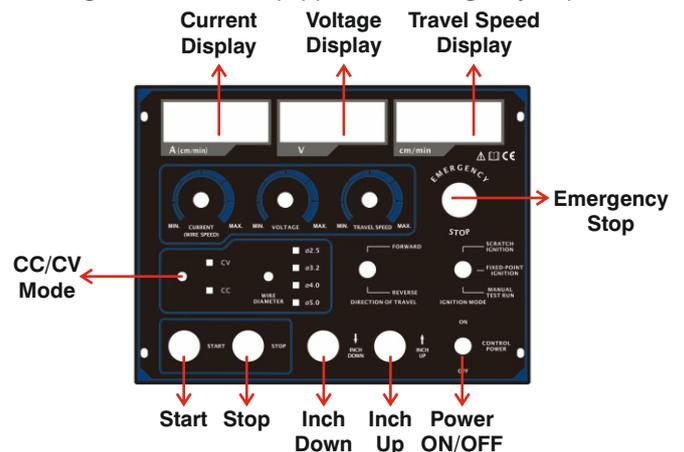
### Technical Data

### SAW 1250HD

Rates input Voltage (V)	415*3P ± 15%
Frequency (Hz)	50/60
Rated input capacity ((KVA)	63.01
Rated input current (A)	82.6
Welding output voltage (V)	92
No load loss (W)	200
Current adjusting range (A)	250-1250
Voltage adjusting range (V)	20-44
Efficiency (%)	85%
Insulation	F
Case protection degree	IP23
Overall dimensions (mm)	825 x 451 x 1040
Weight (kg)	123.4

### Control Panel

Simple and easy to operate, CV or CC Mode switch selects the desired output characteristics for the process being used. Preset welding current, voltage and traveling speed. Adapt to four kinds of welding wire diameter. Equipped with emergency stop button



### Application Specification

Ship building, pressure vessels, pipe section manufacturing, boilers, chemical vessels, bridges, cranes, metallurgical machinery manufacturing, wear-resistant and corrosion-resistant alloy surfacing, etc

### Standard package includes

- ▲ 1 PCS Inverter power source with Control Box.
- ▲ 1 PCS Welding tractor with control box.
- ▲ 2 PCS Earth clamp with cable 6 mtr .
- ▲ 2 PCS Welding power cable, 10M.
- ▲ 1 PCS Signal control cable, 10M.
- ▲ 2 PCS Tracks, for welding tractor

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