

Inverter
I.G.B.T.

サブマージ溶接機



Technical Specifications: Power Source ↓

Model	SAW1000	SAW1250
Input Voltage	3 phase 415V±10% 50/60Hz	
Output Power (kw)	44	55
Input Current (A)	83	105
Duty Cycle	100%	
Welding Current (A)	60-1000	60-1250
Welding Voltage (A)	20-50	
Output No-Load Voltage (V)	SAW : 90±10	SAW : 75±5
Full-load Efficiency	92%	
Power Factor	0.88	
Wire Diameter (mm)	3-5	3-5
Weight (kg)	95	100
Dimension (mm ³)	767 x 352 x 757	767 x 352 x 802

● Energy - Saving

By using Inverter I.G.B.T. Technology less input power is needed compare to conventional Submerged Arc Power Source. So it offers more cost effective solution and power requirement.

● Robust & Powerful

Suitable for heavy metal fabrications thanks to 100% duty cycle on the power source.

● User Friendly & Simple Operation

Preparing and producing optimum weld seams easily / quickly can be obtained with simply & innovative control panel.

● Digital Meter Display

Welding Amp. Volt and Tractor Travelling speed clearly laid out with digital display.

● Gouging

Gouging is possible with the power source (duty cycle : 100%).

Technical Specifications: Tractor

Input Voltage (V)	AC120
Input Power (kw)	400
Wire Diameter (mm)	Drooping Characteristic Tractor: $\phi 3.0 - \phi 6.0$
Arc-Starting Method	Scratch / Retract
Range of Welding Speed (cm/min)	10-150
Range of Wire Feeding Speed (m/min)	Drooping Characteristic Tractor: 0.3-3m/min
Contact Tip Up-Down Adjustment (mm)	100
Column Horizontal Adjustment (mm)	70
Rotary Angle of Cross Beam	$\pm 90^\circ$
Beam Retract Adjustment (mm)	100
Welding Head Inclination	$\pm 45^\circ$
Dimension (mm ³)	1020 x 480 x 740
Weight (kg)	54

