



SUBMERGED ARC WELDING

Heavy duty

TECHNICAL PARAMETERS

Model	SAW 1250
Technology	FOUR IGBT Module
Rated Input Voltage	415 V
Phase	Three
Frequency	50Hz \pm 3%
Input Regular Working Voltage	415V \pm 15%
No Load Voltage	79V
Insulation Class / Protection Class	H / IP21S
Max. Input Power	131 KVA
Max. Input Current	92 Amp
Current Range	60 - 1250 Amp
Output Current @100% Duty Cycle	1250 Amp
KVA @100% Duty Cycle	60 KVA
Efficiency(%)	91
Suitable Electrode	2 - 6 mm
Dimensions	775 x 550 x 810 mm
Net Weight	110 Kg

SAW 1250

SALIENT FEATURES

- Compact, Sturdy
- German Four IGBT Module - Heavy Duty
- Auto Controlled Hot Start & Antisticking
- Arc - Force Controlled By Separate Knob
- Special LED - Fault Indicator Lamp
- Digital Volt Meter & Ampere Meter
- Spatter - Less Welding
- Robust Construction - Suitable For Projects
- Heavy Duty Cycle
- Complete Protection including Over-Current, Over-Heat, Phase loss, Over & Under Voltage Protection

✚ All Equipments Are Tested And Approved After Trial.

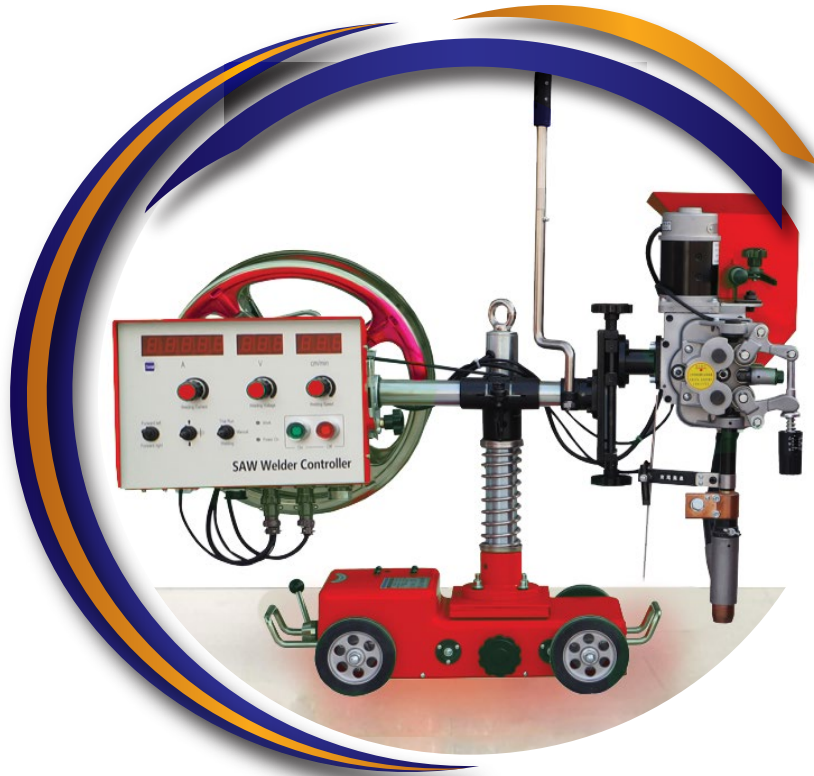
Standard Accessories

- Control Box
- Welding Tractor
- Control Cable 10 Mtr. 70 sqmm
- Welding Cable 10 Mtr. 70 sqmm
- Earthing Cable 10 Mtr. 70 sqmm
- Wheel Track

DC
Output50/60
Hz

FORCED AIR

- Light weight and small size for more flexible and convenient operation.
- Digital control to achieve optimized welding performance.
- Analog keys and rotary knobs for convenient operation.
- Professional 3-proofing designs ensure well operation in extremely harsh environment.
- Built-in slow descent characteristics and can simulate silicon controlled welding machine Performance.
- Contact pad stop functions to guarantee auto wire feeding stop when arrived designated position.
- Error code display for protection of tractor.

**SUBMERGED ARC WELDING**

TRACTOR SAW

TECHNICAL PARAMETERS

Model	TRACTOR SAW
Travelling Configuration Rated Input Voltage	Servo motor DC110V (permanent magnet)
Wire Feeder Rated Input Voltage	Servo motor DC110V (permanent magnet)
Wire Feeding Type	Arc pressure feedback variable wire feeding speed/ constant wire feeding speed
Welding Speed (cm/min)	5-150
Wire Speed (cm/min)	30-300
Suitable welding power rated value	630A, 1000A, 1250A
Suitable Wire Diameter (mm)	2.0mm-6.0mm
Allowable Beam rise/fall height	100mm
Adjustable Motor head distance (mm)	100x100x70
Rotation Angle of Cross arm rolling tractor	±90
Welding Torch deflection angle	±45
Motor Head deflection angle	±90
Soldering Flux capacity (L)	6
Spool Capacity (Kg)	25
Dimensions (mm)	1020x480x740
Net Weight (Kg)	54