

The Heavy Industrial Submerged Arc Welding Machine

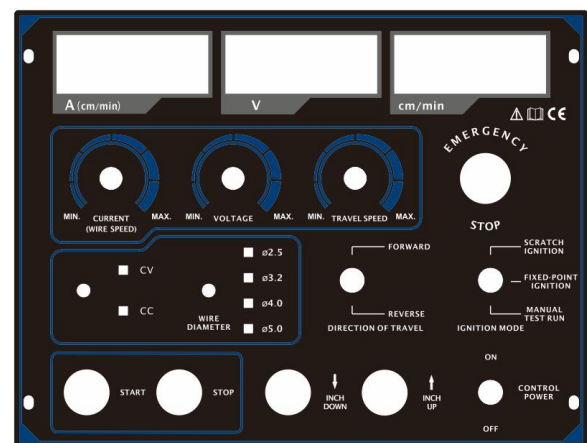
MZ 1250HD

Full Digital, Automatic, Professional, Excellent, Efficient



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.



Base Units Include

- 1 PCS Inverter power source with junction Box.
- 1 PCS Welding tractor with control box.
- 2 PCS Earth clamp with cable and wire ears, 6M.
- 2 PCS Welding power cable, 10M.
- 1 PCS Signal control cable, 10M.
- 2 PCS Tracks, for welding tractor.

Key Option

- Wifi wireless module
- Cloud service



Automatic Submerged Arc Welding Tractor

Technical Data

ITEM	MODLE	MZ 1250HD
Input voltage (V)	3 Phase	AC380V / 460V (±15%)
Frequency (Hz)		50/60
Rated input current (A)		380V: 99.9 460V: 82.6
Rated input power (KVA)		63.1
No load voltage (V)		76.2~92.3
Duty cycle (40℃)		100%
Output current (A)		SAW: 250~1250 MMA/Gouging: 100~1250
Output voltage (V)		44
Efficiency		87%
Power factor		0.93
Insulation class		F
Housing protection grade		IP23
Weight (kg)		123.3
Dimensions L*W*H (mm)		825*451*1040

Application

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

Welding Current Reference

Item	Welding Process	Thickness (mm)	Electrode dia. (mm)
Carbon steel, low alloy steel, stainless steel	SAW	>2.0	2.0/2.5/3.2/4.0/5.0
	MMA	>3.0	3.2/4.0/5.0
	Carbon gouging	>4.0	4.0/5.0/6.0/8.0/10.0