



WELDING MACHINE

WSM-400R

Suitable for sheet welding of various materials such as stainless steel, carbon steel, copper, titanium, etc.

Features

1. Simple arc starting, stable arc and high welding quality.
2. Parameters such as welding current, front gas time, arc starting current, climb time, decay time, arc end current and gas delay time can be adjusted continuously.
3. During pulse argon arc welding, the pulse frequency and pulse width can be adjusted arbitrarily within a large range.
4. High efficiency, high power factor, is a kind of high-efficiency energy-saving equipment.
5. Up to 30 sets of user-defined specification parameters can be stored for easy recall.
6. All-digital high-precision wire feeding control system, two-drive and two-slave with encoder all-digital control wire feeding device, to ensure the stability of wire feeding.

Specifications

Model	WSM-400R
Rated input voltage (V)	3PH 380±10%
Rated input frequency (Hz)	50
Rated input capacity (KVA)	18
Rated input current (A)	28
Rated load duration (%)	60
Output no-load voltage (V)	71
Output current range (A)	4~410
Arc current (A)	4~400
Duty ratio (%)	15~85
Pulse frequency (Hz)	0.2~500
Front gas time (S)	0.01~9.99
Air extension time (S)	0.1~60
Ramp up time (S)	0.1~10.0
Decay time (S)	0.1~15.0
Welding wire diameter (mm)	0.8, 1.0, 1.2, 1.6
Maximum gas flow (L/min)	25
Welding torch cooling method	Air cooling/water cooling
Enclosure rating	IP23
Insulation class	H
Weight(Kg)	55
Robot-Specific Implicit Parameters	
Control method (rEt)	OFF: Near control ON1: Analog remote control ON2: Digital remote control
Wire feed speed (Fd1)	OFF/0.3~7m/min
Slow wire feed speed (Fd2)	OFF/0.3~7m/min
Jog wire feed speed (Fdi)	0.3~7m/min
Back-drawing length (mm)	OFF/1~50
Wire feed delay time (dt1)	OFF/0.1~9.9s
Wire stop delay time (dt2)	OFF/0.1~9.9s