



WELDING MACHINE

MIG-350/500 630RP

Suitable for CO₂/MAG/MIG welding of all kinds of carbon

Steel, ordinary low alloy steel, galvanized sheet, stainless steel aluminum and its alloys, copper and its alloys.

Features

1. One pulse and one drop control technology to realize spatter-free welding.
2. With enhanced double-pulse function, when welding aluminum alloys, it can achieve perfect fish scale welds and improve weld quality.
3. The fully digital system realizes precise control of droplet transfer and achieves continuous and stable welding quality.
4. The parameters of arc start/stop are adjustable, and the welding quality is high.
5. Up to 100 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	Pulse MIG-350RP	Pulse MIG-500RP	Pulse MIG-630RP
Rated input voltage (V)	3PH 380±10%	3PH 380±10%	3PH 380±10%
Rated input frequency (Hz)	50	50	50
Rated input capacity (KVA)	14	24	34
Rated input current (A)	21	36	51
Rated output voltage (V)	31.5	39	44
Rated load duration (%)	60	100	100
Output no-load voltage (V)	72	73	98
Output current/voltage range (A/V)	25/10~350/50	25/10~500/50	25/10~630/50
Power factor	≥0.87	≥0.87	≥0.87
Welding wire diameter (mm)	0.8, 1.0, 1.2, 1.6	0.8, 1.0, 1.2, 1.6	1.0, 1.2, 1.4, 1.6
Gas flow (L/min)	15~20	15~20	15~20
Welding torch cooling method	Air cooling/water cooling	Air cooling/water cooling	Water cooling
Enclosure rating	IP23	IP23	IP23
Insulation class	H	H	H
Dimensions L×W×H(cm)	66×32×56	66×32×56	66×32×56
Weight(Kg)	50	55	65