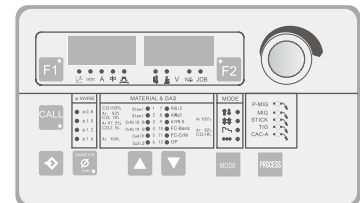


# Digital Multi-Process Pulse GMAW

## AMIG-350PM /500PM /350PMC



**AMIG-PM series** is full digital pulse MIG series with multi-process feature. Due to high end DSP and waveform control technology, it provides outstanding control of arc and weld pool and brings spatter free welding quality and high efficient productivity. It can work with digital wire feeder and digital torch to achieve precise control and be ideal for both automation /robotic welding and manual welding.



**AMIG-350PM /500PM /350PMC**

### Features and Benefits

- Full digital multi-core MCU + DSP control
- Built-in expert database, performing well in solid-cored and flux-cored arc welding on carbon steel, stainless steel and other materials
- Selectable wire diameters
- Multi-process: DOUBLE PULSE MIG /PULSE MIG /CV MIG /LIFT TIG /MMA
- 2T /4T /SP-4T / spot welding
- Save and recall 100 sets of parameters
- Intelligent fan control technology; Eco design;
- Multiple protection against faults of welding machine and wire feeder; error code display
- Stable and robust wire feeding mechanism, 4-roller drive + encoder feedback
- Euro-type push/digital/push-pull welding torch
- Available trolley for integrated machine

### Standard Equipments

- 1 Power source
- 1 Connected primary cable L=3m
- 1 Water cooling machine
- 1 Ground cable L=3m
- 1 Water-cooled (or Gas-cooled) torch L=3m
- 1 Wire feeder with Europe connection
- 1 Trolley
- 1 wire feeder cable L=2m

### Standard Equipments

- 1 Power source
- 1 Connected primary cable L=3m
- 1 Ground cable L=3m
- 1 Gas -cooled torch L=3m

### Technical Specification

	AMIG350PM	AMIG500PM	AMIG350PMC
Rated input voltage /frequency (V/Hz)	3 phase, AC380V±10%, 50 /60Hz		
Rated input capacity (KVA)	13	24	13
Rated input current (A)	20	38	20
Duty cycle (40°C)	60%@350A	100%@500A	60%@350A
OCV (V)	84	84	84
Adjustable current range (A)	25-350	25-500	25-350
Adjustable voltage range (V)	14-40	14-50	14-40
Trigger mode	2 /4T, Spot, Special 4T /Special 2T		
Wire size (mm)	0.8, 1.0, 1.2	1.0, 1.2, 1.6	0.8, 1.0, 1.2
Double pulse frequency (Hz)	0.5-5		
Job channels	100		
Protection class	IP23		IP21
Dimension (mm)	660*320*560	660*320*560	944*500*865
Weight (kg /lb)	45 /99	53 /116.3	65 /143.3