



Direct Current  
Output



50/60Hz Input  
Power Source



Forced  
Air Cooling



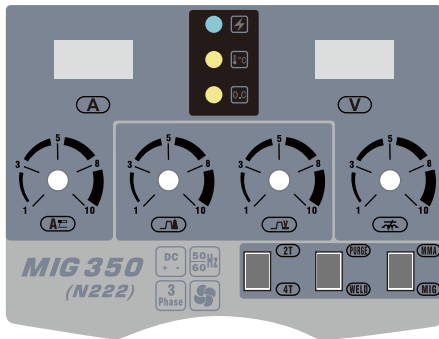
Energy Saving  
And Environment  
Friendly

## Features

- Full bridge soft switch (N361) technology, high reliability and less energy consumption; over-heat & over current protection.
- Equipped with MIG and MMA combination enabling multiple functions and high cost effectiveness.
- Post welding wire ends drop elimination function, high no load, slow wire feeding, high arc ignition successful rate.
- Unique welding dynamics control circuit; double drive wire feeding configuration to ensure stable arc, less spatter, fine welding bead and high welding efficiency.
- A prompt feedback circuit that provides for stable arc can keep electric arc adjusted responsively as wire stick-out varies.
- High duty circle, able to withstand long time high load welding.

## Applications

Suitable for normal low carbon steel, stainless steel (thickness  $\geq 1\text{mm}$ ), aluminum and its alloy (thickness  $\geq 3\text{mm}$ ); wide application in shipbuilding, steels structure, petroleum chemical industry, automobile, open field construction, etc.





MIG/GMAW



MIG350/400/500



### Specifications

#### Standard

- MIG/MAG
- MMA
- Gas/Gasless FCAW
- O.C
- O.H
- 2T/4T
- Hot start
- Built-in arc force
- 4-roller wire feeder
- Inching
- Gas check

#### Optional

- Spool gun
- Lift-arc TIG
- VRD

### Accessories

#### Standard

- Wire feeder: CS-501B
- Torch: MB-36 (3M)  
(euro connector)
- 500A earth clamp  
-35/50/70mm<sup>2</sup>×3m  
-quick plug

#### Optional

- AC36V CO<sub>2</sub> regulator and heater
- Water tank: 4L or 6.5L
- Torch: MB 501D (3m)  
water-cooled
- Wire feeder: Plastic panel P045
- Trolley



\* Please refer to page 55 (the inside back cover) for accessories pictures.

	MIG350 N222	MIG400 N361	MIG500 N221
Input power source		3~AC380V±15% 50/60Hz	
Rated input current (A)	19.6	25.1	36.1
Rated input power capacity (KVA)	13.9	17.8	25.6
Power factor (cosφ)	0.9	0.9	0.9
No-load voltage (V)	65	62	75
Rated output (A/V)	350/34	400/36	500/40
Welding voltage (V)	15-38	15.5-40	15-48
Welding current (A)	20-350	30-400	20-500
Wire speed (m/min)	1.5-16	1.5-18	1.5-18
Output characteristics	MMA: CC MIG/MAG: CV	MMA: CC MIG/MAG: CV	MMA: CC MIG/MAG: CV
Rated duty cycle (%) @40°C	40	MIG: 100 MMA: 80	60
Efficiency (%)	85	85	85
Protection class	IP21S	IP21S	IP21S
Insulation class	F	F	F
Dimensions (mm)	595×285×470	595×285×470	595×285×470
Weight (Kg)	32	45	35