





# MIG



## MIG/ARC-250/315/350/500



Heavy  
Duty Cycle



Module  
IGBT

### Technical characteristics

- Three proofs(anti-dust, anti-moisture, anti-corrosion) of internal structure increased the machine reliability under harsh environment;
- Concise internal structure of separated wirw feeder ensure low breakdown rate, Anti-short circuit fuction of controlled cable, ensure the normal.
- welding after cable maintenance. Adopt IGBT soft switching inverter control technology; Stable welding, good forming, little spatter and rare work.
- piece deformation; Wide current and voltage regulating range;
- Automatic compensating function for welding long wire ano 50M cable can be lengthened;
- Self-locking and non-locking function to reduce labor intensity of welders..

### Application fields

- Machinery,vehicle and ship manufacture, and chemical vessels.

### Product usage

- Heavy industrial

### Accessories

- MIG torch.
- Fast connector 1PC.
- Spanner 1PC.
- Earth cable with clamp1PC.
- Gas pipe 1PC.



MIG/ARC



Model	MIG-250	MIG-315Y	MIG-350C	MIG-500C
Input power voltage	220V,50/60HZ,3PH	380V,50/60HZ,3PH	380V,50/60HZ,3PH	380V,50/60HZ,3PH
Rated input power capacity (KVA)	13	9	17.5	27.7
Rated output current (A)	MMA:10-220 MIG:50-250	MMA:10-250 MIG:50-315	MMA:20-350 MIG: 50-350	MMA:20-500 MIG: 60-500
Rated output voltage (V)	MMA:20.4-28.8 MIG:16.5-26.5	MMA:20.4-30 MIG:16.5-29.8	MMA:20.6-34 MIG: 16.5-31.5	MMA:20.8-40 MIG:18-39
No-load voltage (V)	60	55.3	60	100
Duty cycle (%) (40°C)	60%250A 100%192A	60%315A 100%243A	60	100
Insulation class	F	F	F	F
Weight (Kg)	29	46	72	80
Protection class	IP21S	IP21S	IP21S	IP21S
Diameter of welding wire (mm)	0.8/1.0	0.8/1.2	0.8/1.2	0.8/1.6
Dimension (mm)	530×295×600	1050×500×750	530×245×410	1105×478×1040
Cooling mode	Air cooling	Air cooling	Air cooling	Air cooling

# CUT



## CUT-50/100/120/160



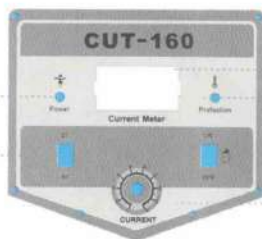
Module IGBT



Soft switch



CNC Connector Available



Power

2T/4T

Current Meter Protection

Gas Test

Current

### Technical characteristics

- PWM control technology, stable cutting current, and excellent performance;
- Non-contact HF arc starting, and high starting arc;
- Switch isolating technology of cutting gun; available for CNC machine;
- Functions of automatic locking reduce the work strength of welders;

### Application materials

- Carbon steel, stainless steel.

### Product usage

- Heavy industrial ,Auto industrial  
Light industrial

### Accessories

- Cutting torch BP80/A101/ A1411PC.
- Earth clamp with cable 300A 1PC.
- Gas pipe 1PC.
- Reducing pressure valve 1PC.



CUT

Model	CUT-50	CUT-100	CUT-120	CUT-160
Input power voltage	220V,50/60HZ,1PH	380V,50/60HZ,3PH	380V,50/60HZ,3PH	380V,50/60HZ,3PH
Rated input power capacity (KVA)	6.3	15	22	31.8
Output current adjustment range (A)	20-50	20-100	30-120	30-160
Duty cycle (%)	60%50A 100%31A	60%100A 100%77A	60%120A 100%93A	60%160A 100%123A
No-load voltage (V)	86-100	300	350	380
Gas flow rate (l/min)	8	70	70	70
Protection class	IP21S	IP21S	IP21S	IP21S
Insulation class	F	F	H	H
Power factor (COSΦ)	-	-	0.93	0.93
Efficiency (%)	85	85	85	85
Dimension (mm)	515×375×370	735×370×515	885×500×780	885×500×780
Weight (Kg)	9	28.4	50	50
Cooling mode	Air cooling	Air cooling	Air cooling	Air cooling
Max. cutting thickness(mm)	Carbon St. ≤12 St. St. ≤12 Alum. ≤6 copper ≤4	Carbon St. ≤35 St. St. ≤35 Alum. ≤17 copper ≤10	Carbon St. ≤40 St. St. ≤40 Alum. ≤20 copper ≤12	Carbon St. ≤50 St. St. ≤50 Alum. ≤25 copper ≤15
Qua. cutting thickness(mm)	Carbon St. ≤10St. St. ≤10 Alum. ≤5copper ≤3	Carbon St. ≤25 St. St. ≤25 Alum. ≤12 copper ≤9	Carbon St. ≤25 St. St. ≤25 Alum. ≤12 copper ≤9	Carbon St. ≤35 St. St. ≤35 Alum. ≤15 copper ≤10