



RILAND



RILAND



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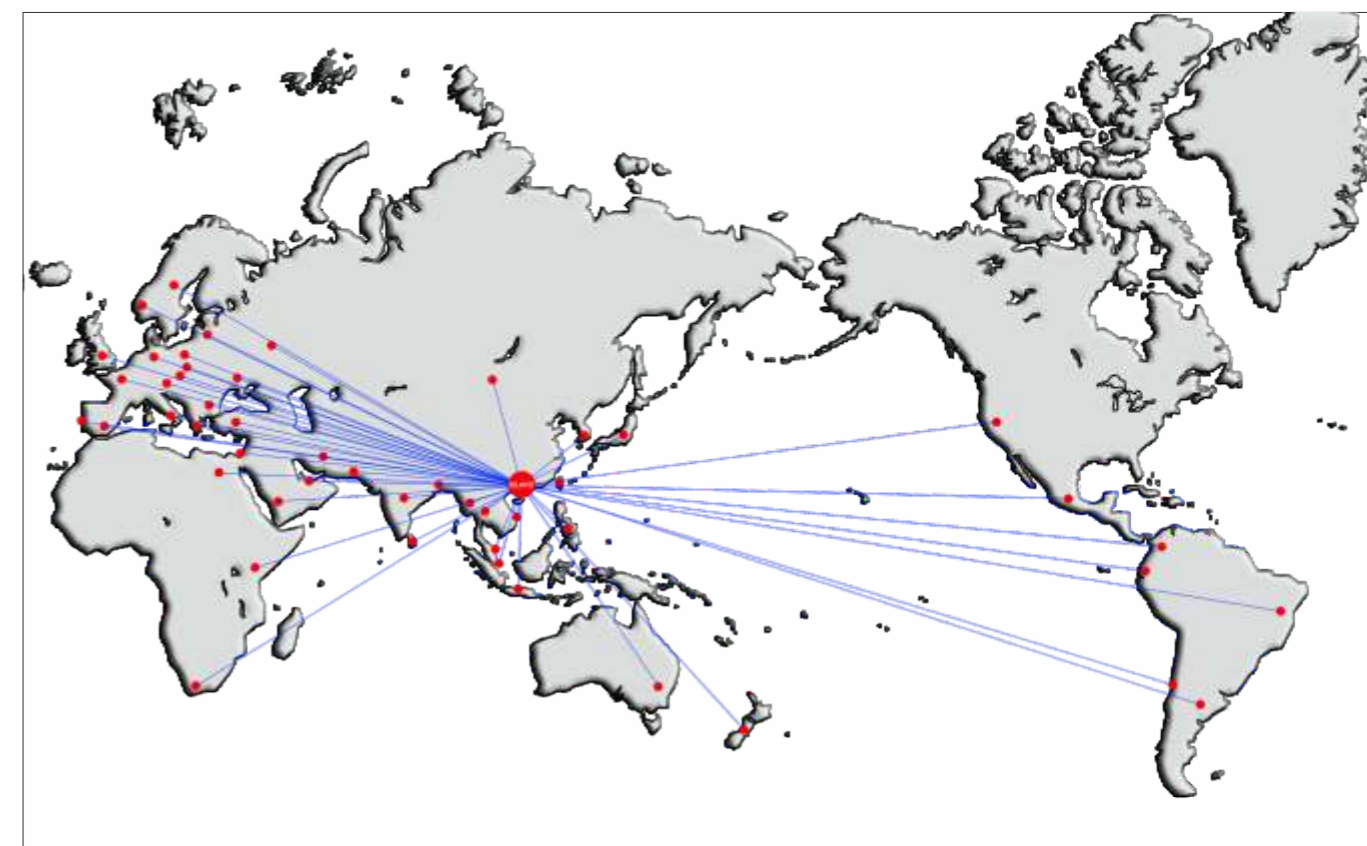
Company Introduction



- 1987, Invention of the first MOSFET inverter welding machine by Mr Qiu Guang, gained national patent in 1990. To create a newly era of inverter welding in China by introducing TIG welding machine, CO2 welding machine and cutting machine and initiated formed 100KHz inverter frequency.
- 2003, Founded Shenzhen Riland Industry Co., Ltd, and launched " RILON" brand.
- 2004, Introduced of " HiTronic" brand and aim to internationalization.
- 2008, Established T&R brand by co—operating with Italy advanced welding company TER.
- 2009, Awarded prize of top 100 enterprise and creative advanced technology enterprise of Shenzhen.
 - , Reform as shareholding enterprise, renamed as Shenzhen Riland Industry Co.,LTD.
 - , Achieved prize of state of new technology enterprise, and awarded Shenzhen Baoan Science and technology innovation prize.
 - , Established of modern welding technology national key laboratory and welding power search center Digital welding laboratory on 12 December, and hold grand ribbon—cutting ceremony and modern welding technology seminar.
- 2010, Accomplished of welding industrial park in Kunshan.
 - , Awarded honor of great reputation branding of RILAND in Guangdong.
 - , Awarded demonstration base of small—medium enterprises innovation and industrialization in Guangdong
 - , RILAND was listed in Shenzhen Stock Exchange GEM. The stock named "RILAND stock", with stock code of "300154"
- 2011, RILAND brand awarded "Shenzhen well—known brand".
 - , Achieved glory of Quality improvement award from Shenzhen Baoan government.
 - , RILAND merged Zhuhai Good welding Automation LTD, aim to automotive welding field.
 - , Awarded outstanding Intellectual Property enterprise of Shenzhen Baoan.
- 2012, Found "RILAND Stock&Kunming University of Science and Technology Training base" with Kunming University of Science and Technology.
 - , Established Riland (Hongkong)Co.,LTD, aim to improve its internationalization and oversea service.
 - , Achieve glory of China leading inverter power enterprise awarded and China International leading brand.
 - , Founded joint-ventured of Shenzhen Riland Welding Science and Technology Ltd. Start aiming to the welding accessories area.
 - , Selected as Forbes 2012 China potential hundred top enterprises.
- 2014, CLOOS cooperate with RILAND in high—level industrial&digital field, developed Qintorn series products and selling in the global market.
- 2015, Set up the robot division, in order to promote the development of the robot business, to seek a broader space for development.
 - , Riland established a wholly-owned subsidiary, Riland International Co., Ltd., as a platform for business development and foreign investment in North America.
- 2016, Riland established another wholly-owned subsidiary, Riland Europe Co., Ltd. in Germany as a platform for business development and foreign investment in European region.



- 2017, Employee Stock Ownership Plan (ESOP) 1st Phase implemented
- 2020, According to WCO (World Customs Organization) rules, Riland passed AEO Advanced Enterprise certification by China Customs.
- 2021, Riland upgraded into Riland Group Company.
- 2021, Guangdong Provincial Government presented an award to Riland as Famous High Tech Products.



Welding /Cutting Processes	Process Skill Level	Welding Metal Type	Feature Description
Stick /MMA/ARC (SMAW)	★★	S /SS/ Ni/CI	<ul style="list-style-type: none"> Well suited for windy, outdoor conditions More convenient when welding on dirty or rusty metal
MIG (GMAW)	★	S/SS/Ni/AL/CB	<ul style="list-style-type: none"> Easiest process to learn High welding speed Provide better control on thinner metals Clean welds possibly without slag Same equipment can be used for Flux-Cored welding
TIG (GTAW)	★★★	AC:AL/Mg DC:S/SS/Ni/CB/Ti	<ul style="list-style-type: none"> Provide highest quality and most precise results Highly aesthetic weld beads Allow adjustment of heat input while welding by using remote control
Plasma Arc Cutting and Gouging (PAC)	★	S /SS /Ni /AL /CI /CB /Ti /Mg /EC	<ul style="list-style-type: none"> Suitable for any electrically conductive metals Small and precise cut Small heat-affected zone which helps prevent warping or paint damage
Submerged Arc (SAW)	★★	S /SS	<ul style="list-style-type: none"> High deposition rates can enhance weld speed and production Excellent mechanical properties for high-quality code and X-ray requirements Improve welding operator comfort and appeal

Process Skill Level: ★Low ★★Moderate ★★★High
Welding Metal Type

S	Steel	AL	Aluminum	Ti	Titanium	Ni	Nickel Alloys	EC	All Electrically Conductive
SS	Stainless Steel	CI	Cast Iron	Mg	Magnesium Alloys	CB	Copper/Brass		

Single phase input power	Insulated Gate Bipolar Transistor	Pulse
Three phase input power	Metal-Oxide-Semiconductor Field-Effect Transistor	Access to spool gun
Single phase of 110V/220V input power	Insulated Gate Bipolar Transistor Module	RILAND patent technology of Feedforward Arc Waveforms Stabilization Control commit to low spatter
Single phase of 220V/380V input power	Silicon Controlled Rectifier	
Single/Three phase of 220V input power	2-Roll Wire Feeder	Synergic
Three phase of 220V input power	4-Roll Wire Feeder	Power Factor Correction
Direct current welding output	Access to generator	Access to cellulosic
Alternating or direct current welding output	Abnormal protection	Computerized Numerical Control

What's New From Riland?



MMA 200E

- Powerful Output:** Non-stop welding 2.5mm electrode, even welding 10pcs 3.2mm electrode.
- Excellent Performance:** Equip self-adaptive Arc Force and Hot Start that make welding friendly.
- Easy Using:** Constant power output to automatic match current with voltage that contribute to easy welding especially for new hand.

MIG 135E

- Smart chip:** Using self-developed high computing power smart chip, precise control of energy, arc response speed is as fast as 9 microseconds;
- Stable WFS:** The wire feeder adopts closed-loop control, adaptive feedback of high torque when encountering resistance, to keep the wire feeding stable;
- Synergic:** Synergic technology not only keep powerful function, but also easy the using especially for new hand.



MIG 220GDM/250PGDM LCD

- LCD:** The large window color LCD screen clearly indicates the status parameters.
- Synergic:** Synergic technology not only keep powerful function, but also easy the using especially for new hand.
- Multi Process:** MIG/CO₂, MIG/Pulse, MIG/MIX, MIG/Gasless, MMA, Lift-TIG and Spool gun.
- Portable:** The whole machine is compact and light of 8/20Kg, have access to 5Kg/15Kg spool.

TIG 200DC/200AC/DC PULSE LCD

- LCD:** The large window color LCD screen clearly indicates the status parameters.
- Digital:** New generation of digital machine that enrich the function and simplify operation.
- Multi Process:** DC TIG, AC TIG, Pulse TIG, MMA and Remote control.
- Portable:** The whole machine is compact and light of 7Kg.



CUT 100I/125I/165I

- CNC:** CNC leads to technological innovation.
- Abundant function:** 2T/4T, gas purge, plasma gouging, post-flow adjustable.
- Excellent Cutting Capacity:** Quality cut up to 20-30mm thickness carbon steel, max cut up to 30-45mm thickness carbon steel.

ADP Welding Helmet



X701B

X901

X9000

X801

X501

► MMA Product

MODEL	INPUT			OUTPUT		PROCESS				FEATURES				KEY COMPONENT			Recommend Electrode (mm)	
	Phase	Voltage (Volts)	Hertz	Polarity	Current Range (Amps)	MMA	Lift-TIG	Arc Gouge	Remote Control	VRD	Hot Start	Arc Force	CPU	Dual voltage Auto-Sensing	IGBT	IGBT Module		Mosfet
MMA 200E	1	220	50/60	DC	30-140	●				○	○	○	●		●			1.6-3.2
ARC 200GE	1	220	50/60	DC	40-140	●	○			○	○	○	●		●			1.6-3.2
ARC 200GEII	1	220	50/60	DC	40-140	●	○			○	○	○	●		●			1.6-3.2
ARC 160GS	1	110/220	50/60	DC	40-100/110V 40-150/220V	●	○			○	○	○	●	●	●			1.6-3.2
ARC 200DS	1	220/380	50/60	DC	20-135/220V 20-160/380V	●	○			○	○	○	●	●	●			1.6-3.2
ARC 250GE	1	220	50/60	DC	25-190	●	○			○	○	○	●		●			1.6-4.0
ARC 250GEII	1	220	50/60	DC	25-190	●	○			○	○	○	●		●			1.6-4.0
MMA 162GDM	1	220	50/60	DC	40-160/MMA 10-160/TIG	●	●			●	●	●	●		●			1.6-3.2
MMA 182GDM	1	220	50/60	DC	40-180/MMA 10-180/TIG	●	●			●	●	●	●		●			1.6-4.0
MMA 202GDM	1	220	50/60	DC	40-190/MMA 10-190/TIG	●	●			●	●	●	●		●			1.6-4.0
MMA 160GDW	1	110/220	50/60	DC	10-85/MMA/110V 10-85/TIG/110V 10-160/MMA/220V 10-160/TIG/220V	●	●			●	○	○	●	●	●			1.6-3.2
MMA 200GDW	1	110/220	50/60	DC	10-85/MMA/110V 10-85/TIG/110V 10-190/MMA/220V 10-190/TIG/220V	●	●			●	○	○	●	●	●			1.6-4.0
ARC 200T	1	220	50/60	DC	30-160	●	○			○	○	○					●	1.6-3.2
ARC 200CT	1	220	50/60	DC	30-170	●	○			○	○	○					●	1.6-3.2
ARC 250CT	1	220	50/60	DC	30-190	●	○			○	○	○					●	1.6-4.0
ARC 200CS	1	110/220	50/60	DC	40-110/110V 40-190/220V	●	●			○	○	○	●				●	1.6-4.0
ARC 200CEL	1	220	50/60	DC	30-190	●	○			○	○	○					●	1.6-4.0
ARC 250SE	1	220/380	50/60	DC	40-140/220V 40-190/380V	●	○			○	○	○	●		●			1.6-4.0
ARC 250SII	1	220/380	50/60	DC	40-130/220V 40-170/380V	●	○			○	○	○	●		●			1.6-4.0
ARC 250GTS	1	220/380	50/60	DC	40-180/220V 40-250/380V	●	○			●	●	●	●	●	●			2.5-4.0
ARC 315GTS	1	220/380	50/60	DC	30-210/220V 30-280/380V	●	○			●	●	●	●	●	●			2.5-5.0
ARC 251C	1	220	50/60	DC	30-230	●	○			●	○	○					●	2.5-4.0
ARC 315C	3	380	50/60	DC	40-270	●				○	○	○					●	2.5-5.0
ARC 315GT	3	220	50/60	DC	40-280	●	○		○	●	●	●			●			2.5-5.0
MMA 315G	3	380	50/60	DC	40-280	●	○		○	●	●	●			●			2.5-5.0
MMA 400G	3	380	50/60	DC	40-380	●	○		○	●	●	●			●			2.5-5.0
MMA 500G	3	380	50/60	DC	40-480	●	○	●	○	●	●	●			●			2.5-5.0
ARC 400IT	3	380	50/60	DC	40-400	●	○	●	●	●	●	●				●		2.5-5.0
ARC 500IJ	3	380	50/60	DC	40-500	●	○	●	●	●	●	●				●		2.5-5.0
ARC 630I	3	380	50/60	DC	50-630	●	○	●	●	●	●	●				●		2.5-5.0

KEY: ● Own/Adjustable/Access. ○ Optional/Built-in

MODEL	INPUT			OUTPUT		PROCESS				FEATURES					KEY COMPONENT			Recommend Electrode (mm)
	Phase	Voltage (Volts)	Hertz	Polarity	Current Range (Amps)	MMA	Lift-TIG	Arc Gouge	Remote Control	VRD	Hot Start	Arc Force	CPU	Dual voltage Auto-Sensing	IGBT	IGBT Module	Mosfet	
MZ 1000CV	3	380	50/60	DC	100-1000	●		●			○	○				●		3.2-5.0
MZ 1250CV	3	380	50/60	DC	125-1250	●		●			○	○				●		3.2-5.0

► MIG Product

MODEL	INPUT			OUTPUT		PROCESS					FEATURES				KEY COMPONENT			Recommend Wire (mm)
	Phase	Voltage (Volts)	Hertz	Polarity	Current Range (Amps)	MIG	MIG/Gasless	MIG/Pulse	MMA	Lift-TIG	Synergic	Spool Gun	Meters	CPU	IGBT	IGBT Module	Mosfet	
MIG 135E	1	110	50/60	DC	40-120		●				●			●	●			
MIG 135E	1	220	50/60	DC	45-100		●				●			●	●			
MIG 200E	1	220	50/60	DC	45-160	●	●		●		●			●	●			
MIG 160CT	1	220	50/60	DC	40-160/MIG 20-140/MMA	●	●		●								●	
MIG 180CT	1	220	50/60	DC	40-180/MIG 20-160/MMA	●	●		●								●	
MIG 200CT	1	220	50/60	DC	40-200/MIG 20-160/MMA	●	●		●								●	
MIG 180GDM	1	220	50/60	DC	50-180/MIG 10-160/MMA 10-180/TIG	●	●		●	●	●		●	●	●			
MIG 180GDM II	1	220	50/60	DC	50-180/MIG 10-160/MMA 10-180/TIG	●	●		●	●	●		●	●	●			
MIG 180PGDM	1	220	50/60	DC	50-180/MIG 15-160/MMA 15-180/TIG	●	●	●	●	●	●		●	●	●			
MIG 175GDM	1	220	50/60	DC	32-180/MIG 10-160/MMA 10-180/TIG	●	●	●	●	●	●		●	●	●			
MIG 181GDM	1	220	50/60	DC	32-180	●	●	●			●	●	●	●	●			
MultiPro 200SP	1	110/120	50/60	DC	35-200/MIG 15-160/MMA 15-180/TIG	●	●		●	●	●	●	●	●	●			
MIG 220 GDM LCD	1	220	50/60	DC	50-200/MIG 30-160/MMA 10-200/TIG	●	●	●	●	●	●		●	●	●			
MIG 250GDM	1	220	50/60	DC	50-230/MIG 15-220/MMA 15-250/TIG	●	●		●	●	●		●	●	●			
MIG 300GDL	3	380	50/60	DC	50-230/MIG 10-220/MMA 10-250/TIG	●	●		●	●	●		●	●	●			
MIG 250 PGDM LCD	1	220	50/60	DC	50-230/MIG 15-220/MMA 15-250/TIG	●	●	●	●	●	●		●	●	●			
MIG 250PGDM	1	220	50/60	DC	50-230/MIG 15-220/MMA 15-250/TIG	●	●	●	●	●	●		●	●	●			

KEY: ● Own/Adjustable/Access. ○ Optional/Built-in

MODEL	INPUT			OUTPUT		PROCESS					FEATURES				KEY COMPONENT			Recommend Wire (mm)
	Phase	Voltage (Volts)	Hertz	Polarity	Current Range (Amps)	MIG	MIG/Gasless	MIG/Pulse	MMA	Lift-TIG	Synergic	Spool Gun	Meters	CPU	IGBT	IGBT Module	Mosfet	
MIG 300PGDL	3	380	50/60	DC	50-230/MIG 10-220/MMA 10-250/TIG	●	●	●	●	●	●	●	●	●	●			
MIG 251	1	220	50/60	DC	40-220	●	●					●					●	
MIG 250	3	380	50/60	DC	40-220	●	●					●					●	
MIG 271GW	1	220	50/60	DC	40-250/MIG 40-220/MMA	●	●		●			●		●				
MIG 300GW	3	380	50/60	DC	50-300/MIG 70-300/MMA	●			●			●		●				
MIG 350GW	3	380	50/60	DC	50-320/MIG 70-300/MMA	●			●			●		●				
MIG 271CT	1	220	50/60	DC	40-250/MIG 40-220/MMA	●			●			●					●	
MIG 270C	3	380	50/60	DC	40-250/MIG 40-220/MMA	●			●			●					●	
MIG 271GF	1	220	50/60	DC	50-250/MIG 50-220/MMA	●	●		●			●		●				
MIG 250GF	3	380	50/60	DC	40-250/MIG 60-250/MMA	●	●		●			●		●				
MIG 300GF	3	380	50/60	DC	50-300/MIG 70-300/MMA	●	●		●			●		●				
MIG 250GS	1	220	50/60	DC	50-250/MIG 50-220/MMA	●	●		●		⊙	●		●				
MIG 250R	1	230	50/60	DC	50-250/MIG 50-220/MMA	●	●		●			●		●				
MIG 250GS LCD	1	220	50/60	DC	50-250/MIG 50-220/MMA	●	●	●	●	●	●	●	●	●				
MIG 250R LCD	1	220	50/60	DC	50-250/MIG 50-220/MMA	●	●	●	●	●	●	●	●	●				
MIG 250GN	3	380	50/60	DC	50-250/MIG 50-250/MMA	●	●		●			●		●				
MIG 300GN	3	380	50/60	DC	50-300/MIG 70-300/MMA	●	●		●			●		●				
MIG 300GS	1/3	220	50/60	DC	40-250/MIG/1P 65-250/MMA/1P 50-300/MIG/3P 70-300/MMA/3P	●	●		●			●		●				
MIG 300GD	3	380	50/60	DC	45-300/MIG 40-300/MMA	●	●		●	●		●		●				
MIG 300GN LCD	3	380	50/60	DC	30-300/MIG 10-300/MMA 10-300/TIG	●	●		●	●	●	●	●	●				
MIG 350 GDL LCD	3	380	50/60	DC	53-350/MIG 20-350/MMA	●	●		●	●		●		●				
MIG 350GF	3	380	50/60	DC	60-350/MIG 40-350/MMA	●	●		●			●		●				
MIG 500GF	3	380	50/60	DC	60-450/MIG 60-450/MMA	●	●		●			●		●				
MIG 350I	3	380	50/60	DC	60-350/MIG 40-350/MMA	●	●		●			●		●				
MIG 350I	3	220	50/60	DC	60-350/MIG 40-350/MMA	●	●		●			●		●				
MIG 500I	3	380	50/60	DC	80-500/MIG 50-500/MMA	●	●		●			●		●				
MIG 630I	3	380	50/60	DC	100-630/MIG 63-630/MMA	●	●		●			●		●				
MIG 350DF	3	380	50/60	DC	53-350/MIG 20-350/MMA	●	●		●	●		●		●				
MIG 500DF	3	380	50/60	DC	53-500/MIG 20-500/MMA	●	●		●	●		●		●				
MIG 400R	3	380	50/60	DC	50-400/MIG 50-400/MMA	●	●		●			●		●				

KEY: ● Own/Adjustable/Access. ⊙ Optional/Built-in

MODEL	INPUT			OUTPUT		PROCESS					FEATURES				KEY COMPONENT			Recommend Wire (mm)
	Phase	Voltage (Volts)	Hertz	Polarity	Current Range (Amps)	MIG	MIG/Gasless	MIG/Pulse	MMA	Lift-TIG	Synergic	Spool Gun	Meters	CPU	IGBT	IGBT Module	Mosfet	
MIG 500F	3	380	50/60	DC	80-500/MIG 50-500/MMA	●	●		●			●					●	
MIG 550R LCD	3	380	50/60	DC	30-550/MIG 10-550/MMA 10-550/TIG	●	●		●	●	●	●	●	●			●	
TITANS 400D/DP	3	380	50/60	DC	18-400/MIG 5-400/TIG 20-400/MMA 120-400/Gouging	●	●	●	●	●	●	●	●	●			●	
TITANS 500D/DP	3	380	50/60	DC	18-500/MIG 5-500/TIG 20-500/MMA 120-500/Gouging	●	●	●	●	●	●	●	●	●			●	
TITANS 600D/DP	3	380	50/60	DC	18-600/MIG 5-600/TIG 20-600/MMA 120-600/Gouging	●	●	●	●	●	●	●	●	●			●	

► TIG Product

MODEL	INPUT			OUTPUT		PROCESS					FEATURES			KEY COMPONENT			Recommend Thickness (mm)
	Phase	Voltage (Volts)	Hertz	Polarity	Current Range (Amps)	DC TIG	AC TIG	Pulse TIG	MMA	Remote Control	AC Balance	Meters	CPU	IGBT	IGBT Module	Mosfet	
TIG 200SE	1	220	50/60	DC	10-160	●										●	0.5-3.0
TIG 200S	1	220	50/60	DC	10-200	●										●	0.5-4.0
TIG 200CE	1	220	50/60	DC	10-190	●						●				●	0.5-4.0
TIG 250CE	1	220	50/60	DC	10-220	●						●				●	0.5-5.0
TIG 200CT	1	220	50/60	DC	10-180/TIG 10-155/MMA	●			●			●				●	0.5-4.0
TIG 200CS	1	110/220	50/60	DC	10-110/TIG/110V 10-110/MMA/110V 10-180/TIG/220V 10-155/MMA/220V	●			●			●				●	0.5-4.0
TIG 250CT	1	220	50/60	DC	10-230/TIG 10-190/MMA	●			●			●				●	0.5-5.0
TIG 200PGDM	1	220	50/60	DC	15-200/TIG 30-160/MMA	●		●	●			●	●	●			0.5-4.0
TIG 250PGDM	1	220	50/60	DC	15-200	●		●				●	●	●			0.5-4.0
TIG 200DC PULSE LCD	1	220	50/60	DC	5-200/TIG 10-160/MMA	●		●	●	●		●	●	●			0.5-4.0
TIG 200PAC/DC GDM	1	220	50/60	AC/DC	15-180/TIG 30-160/MMA	●	●	●	●	●	●	●	●	●			0.5-4.0
TIG 200AC/DC PULSE LCD	1	220	50/60	AC/DC	5-200/TIG 10-160/MMA	●	●	●	●	●	●	●	●	●			0.5-4.0
TIG 200PAC/DC	1	220	50/60	AC/DC	10-190/TIG 10-150/MMA	●	●	●	●	●	●	●	●			●	0.8-4.0
TIG 250PAC/DC	1	220	50/60	AC/DC	10-210/TIG 10-160/MMA	●	●	●	●	●	●	●	●			●	0.5-5.0
TIG 315PAC/DC	3	380	50/60	AC/DC	12-300/TIG 15-240/MMA	●	●	●	●	●	●	●	●			●	1.0-8.0
TIG 300SE	3	380	50/60	DC	10-250	●						●				●	0.5-6.0
TIG 300S	3	380	50/60	DC	15-300	●						●				●	0.5-8.0
TIG 300A	3	380	50/60	DC	15-250/TIG 15-240/MMA	●			●			●				●	0.5-8.0
TIG 300A	1	220	50/60	DC	10-300/TIG 20-230/MMA	●			●			●				●	0.5-8.0

MODEL	INPUT			OUTPUT		PROCESS					FEATURES			KEY COMPONENT			Recommend Thickness (mm)
	Phase	Voltage (Volts)	Hertz	Polarity	Current Range (Amps)	DC TIG	AC TIG	Pulse TIG	MMA	Remote Control	AC Balance	Meters	CPU	IGBT	IGBT Module	Mosfet	
TIG 400GT	3	380	50/60	DC	10-400/TIG 10-380/MMA	●			●					●			0.5-12.0
TIG 315PG	3	380	50/60	DC	15-315/TIG 15-245/MMA	●		●	●	●				●			0.5-8.0
TIG 400PIJ	3	380	50/60	DC	10-400/TIG 20-400/MMA	●		●	●	●					●		0.5-12.0
TIG 500PIJ	3	380	50/60	DC	25-500/TIG 25-400/MMA	●		●	●	●					●		0.5-16.0
TIG 400PAC/DC DIGITAL	3	380	50/60	AC/DC	12-400/TIG 15-240/MMA	●	●	●	●	●	●	●				●	1.0-12.0
TIG 400PAC/DC	3	380	50/60	AC/DC	20-400/TIG 20-320/MMA	●	●	●	●	●	●				●		1.0-12.0
TIG 500PAC/DC	3	380	50/60	AC/DC	20-500/TIG 20-340/MMA	●	●	●	●	●	●				●		1.0-16.0

► CUT Product

MODEL	INPUT			OUTPUT		PROCESS		FEATURES			KEY COMPONENT			Recommend Thickness (Carbon Steel)(mm)
	Phase	Voltage (Volts)	Hertz	Polarity	Current Range (Amps)	CUT	Gouge	CNC	Meters	CPU	IGBT	IGBT Module	Mosfet	
CUT 35GDW	1	115/230	50/60	DC	15-25/115V 15-35/230V	●					●	●		8
PLASMA 45PFC	1	115/230	50/60	DC	15-25/115V 15-40/230V	●					●	●		10
CUT 40CT	1	220	50/60	DC	15-40A	●							●	10
CUT 40CS	1	110/220	50/60	DC	10-20/110V 15-40/220V	●							●	10
CUT 60CT	1	220	50/60	DC	20-55	●							●	14
CUT 40N	1	220	50/60	DC	15-40	●							●	10
CUT 60C	3	380	50/60	DC	20-60	●				●			●	16
CUT 60P	1	220	50/60	DC	20-60	●				●			●	16
CUT 80GT	3	380	50/60	DC	20-80	●		●	●		●			25
CUT 100GT	3	380	50/60	DC	20-100	●		●	●		●			30
CUT 100N	3	380	50/60	DC	20-100	●			●		●			30
CUT 100I	3	380	50/60	DC	20-100	●	●	●	●			●		30
CUT 125I	3	380	50/60	DC	30-120	●	●	●	●			●		35
CUT 165I	3	380	50/60	DC	40-160	●	●	●	●			●		40

KEY: ● Own/Adjustable/Access. ○ Optional/Built-in

► SAW Product

MODEL	INPUT			OUTPUT		PROCESS				FEATURES		KEY COMPONENT		Recommend Wire (mm)
	Phase	Voltage (Volts)	Hertz	Polarity	Current Range (Amps)	CC SAW	CV SAW	Arc Gouge	MMA	CPU	IGBT Module			
MZ 630HD	3	380	50/60	DC	160-630/SAW 100-630/MMA	●	●	●	●	●		●		1.6-4.0
MZ 1000D	3	380	50/60	DC	250-1000/SAW 100-1000/MMA	●	●	●	●	●		●		1.6-6.0
MZ 1000HD	3	380	50/60	DC	250-1000/SAW 100-1000/MMA	●	●	●	●	●		●		1.6-6.0
MZ 1250HD	3	380	50/60	DC	250-1250/SAW 100-1250/MMA	●	●	●	●	●		●		1.6-6.0

► MULT-PROCESS Product

MODEL	INPUT			OUTPUT		PROCESS			FEATURES	KEY COMPONENT	RECOMMEND	
	Phase	Voltage (Volts)	Hertz	Polarity	Current Range (Amps)	MMA	TIG	CUT	Multi-process	MOSFET	Electrode (mm)	Thicness (Carbon Steel)(mm)
CT 416	1	220	50/60	DC	10-160/MMA 10-180/TIG 20-40/CUT	●	●	●	●	●	1.6-3.2	0.5-4.0/TIG 10/CUT

► STUD Product

MODEL	INPUT			OUTPUT		KEY COMPONENT		RECOMMEND (mm)
	Phase	Voltage (Volts)	Hertz	Polarity	Capacity (uF)	Welding Energy (W)	SCR	
SW 2500	1	220	50/60	DC	99000	2500	●	M3-M10

KEY: ● Own/Adjustable/Access. ○ Optional/Built-in

D MMA 200E

SMART WELDER, POCKET TOOL

- EASY TO CARRY, PORTABLE USING.



Processes

- MMA

Package Includes

- Inverter welding machine
- Electrode holder, 1.8m
- Earth clamp, 1.2m
- Belt

Optional Accessories

- Kit case
- Brush
- Helmet

Features

- CPU built-in.
- VRD adjustable.
- Self-adaptive Arc force and Hot start built-in, Anti-sticking.
- Standby function.
- Fan as needed, reduce noise and dust inside the machine.
- Non-stop welding for 2.5mm electrode.
- Suitable for acid and basic electrode.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MMA 200E	220V/1P/50-60Hz	140A/25.6V/15% 55A/22.2V/100%	26.5A@140A	30-140A/54V	204*87*146	2

ARC 200GE/200GEII

LIGHT INDUSTRIAL, PORTABLE, LIGHT

- EQUIP SELF-ADAPTIVE ARC FORCE AND HOT START, NON-STOP WELDING 3.2MM ELECTRODE.



Processes

- MMA

Package Includes

- Inverter power source
- Electrode holder, 1.8m
- Earth clamp, 1.2m

Optional Accessories

- Handle
- Kit case
- Brush
- Helmet

Features

- CPU built-in.
- VRD adjustable.
- Self-adaptive Arc force and Hot start built-in, Anti-sticking.
- Standby function.
- Fan as needed, reduce noise and dust inside the machine.
- Non-stop welding for 2.5mm and 3.2mm electrode.
- Suitable for acid and basic electrode.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
ARC 200GE	220V/1P/50-60Hz	140A/25.6V/20% 90A/23.6V/100%	25.5A@140A	40-140A/58V/17V(VRD)	292*136*235	3.5
ARC 200GEII	220V/1P/50-60Hz	140A/25.6V/20% 63A/22.5V/100%	25.5A@140A	40-140A/58V/17V(VRD)	290*123*216	3.4

ARC 160GS/200DS

110V/220V, DUAL VOLTAGE, POCKET TOOL

- SUITABLE FOR VARIABLE VOLTAGE ENVIRONMENT.



Processes

- MMA

Package Includes

- Inverter power source
- Electrode holder, 1.8m
- Earth clamp, 1.2m

Optional Accessories

- Kit case
- Brush
- Helmet

Features

- CPU built-in.
- VRD adjustable.
- Self-adaptive Arc force and Hot start built-in, Anti-sticking.
- Fan as needed, reduce noise and dust inside the machine.
- Non-stop welding for 2.5mm and 3.2mm electrode.
- Suitable for acid and basic electrode.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
ARC 160GS	110V/1P/50-60Hz 220V/1P/50-60Hz	110V: 100A/22V/20% 50A/20V/100% 220V: 150A/24V/20% 60A/20.4V/100% Standard : EN60974-6	110V: 32A@100A 220V: 30A@150A	110V: 40-100A/57V/17V(VRD) 220V: 40-150A/57V/17V(VRD)	339*136*235	4
ARC 200DS	380V/1P/50-60Hz 220V/1P/50-60Hz	220V: 135A/25.4V/30% 80A/23.2V/100% 380V: 160A/26.4V/25% 90A/23.6V/100%	220V: 23.5A@135A 380V: 20A@160A	220V: 20-135A/65V 380V: 20-160A/57V	339*136*235	4

ARC 250GE/250GEII

110V/220V, LIGHT INDUSTRIAL, PORTABLE, LIGHT

- EQUIP SELF-ADAPTIVE ARC FORCE AND HOT START, NON-STOP WELDING 3.2MM ELECTRODE.



Processes

- MMA

Package Includes

- Inverter power source
- Electrode holder, 1.8m
- Earth clamp, 1.2m

Optional Accessories

- Handle
- Kit case
- Brush
- Helmet

Features

- CPU built-in.
- VRD adjustable.
- Self-adaptive Arc force and Hot start built-in, Anti-sticking.
- Standby function.
- Fan as needed, reduce noise and dust inside the machine.
- Non-stop welding for 2.5mm and 3.2mm electrode, able to 4.0mm electrode.
- Suitable for acid and basic electrode.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
ARC 250GE	220V/1P/50-60Hz	190A/27.6V/20% 130/25.2V/100%	39A@190A	25-190A/55V	332*123*216	4
ARC 250GEII	220V/1P/50-60Hz	190A/27.6V/20% 130/25.2V/100%	39A@190A	25-190A/55V	332*123*216	4

MMA 162GDM/182GDM/202GDM

IGBT INDUSTRIAL, FULL DIGITAL, CELLULOSE

- ABUNDANT PROFESSIONAL FEATURES FROM THE SMALL BODY.



Cellulosic

Processes

- MMA
- Lift-TIG

Package Includes

- Inverter power source
- Electrode holder, 3m
- Earth clamp, 3m

Optional Accessories

- TIG torch, 4m
- Quick plug
- Wrench
- Helmet

Features

- CPU built-in.
- VRD adjustable.
- Electrode type selectable.
- Hot start time adjustable.
- Hot start adjustable.
- Arc force adjustable.
- Anti-sticking.
- Fan as needed, reduce noise and dust inside the machine.
- Non-stop welding for 2.5mm and 3.2mm electrode, able to 4.0mm electrode.
- Suitable for acid electrode, basic electrode and cellulosic electrode.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MMA 162GDM	230V/1P/50-60Hz	MMA: 160A/26.4V/25% 80A/23.2V/100% TIG: 160A/16.4V/25% 80A/13.2V/100%	MMA: 33A@160A TIG: 20A@160A	MMA: 40-160A/64V/16V(VRD) TIG: 10-160A/64V/16V(VRD)	288*126*234	4.3
MMA 182GDM	230V/1P/50-60Hz	MMA: 180A/27.2V/25% 90A/23.6V/100% TIG: 180A/17.2V/25% 90A/13.6V/100%	MMA: 37.4A@180A TIG: 23.9A@180A	MMA: 40-180A/64V/16V(VRD) TIG: 10-180A/64V/16V(VRD)	288*126*234	4.3
MMA 202GDM	230V/1P/50-60Hz	MMA: 190A/27.6V/25% 95A/23.8V/100% TIG: 190A/17.6V/25% 95A/13.8V/100%	MMA: 38.7A@190A TIG: 24.7A@190A	MMA: 40-190A/64V/16V(VRD) TIG: 10-190A/64V/16V(VRD)	288*126*234	4.3

MMA 160GDW/200GDW

IGBT INDUSTRIAL, FULL DIGITAL, PFC, DUAL VOLTAGE

- CONFORM TO PFC AND DUAL VOLTAGE(85-265V).



Cellulosic

Processes

- MMA
- Lift-TIG

Package Includes

- Inverter power source
- Electrode holder, 3m
- Earth clamp, 3m

Optional Accessories

- TIG torch, 4m
- Quick plug
- Wrench
- Helmet

Features

- PFC function.
- Wide input voltage from 85V to 265V.
- CPU built-in.
- VRD adjustable.
- Self-adaptive Arc force and Hot start built-in, Anti-sticking.
- Fan as needed, reduce noise and dust inside the machine.
- Non-stop welding for 2.5mm and 3.2mm electrode, able to 4.0mm electrode.
- Suitable for acid electrode, basic electrode and cellulosic electrode.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MMA 160GDW	110V/1P/50-60Hz 220V/1P/50-60Hz	110V: MMA: 85A/23.4V/100% TIG: 85A/13.4V/100% 220V: MMA: 160A/26.4V/25% 100A/24V/100% TIG: 160A/16.4V/30% 120A/14.8V/100%	110V: MMA: 23A@85A TIG: 14.5A@85A 220V: MMA: 25.6A@160A TIG: 16A@160A	110V: MMA: 10-85A/60V/17V(VRD) TIG: 10-85A/29V 220V: MMA: 10-160A/60V/17V(VRD) TIG: 10-160A/29V	315*145*250	7
MMA 200GDW	110V/1P/50-60Hz 220V/1P/50-60Hz	110V: MMA: 85A/23.4V/100% TIG: 85A/13.4V/100% 220V: MMA: 190A/27.6V/20% 100A/24V/100% TIG: 190A/17.6V/30% 120A/14.8V/100%	110V: MMA: 23A@85A TIG: 14.5A@85A 220V: MMA: 28A@190A TIG: 20A@190A	110V: MMA: 10-85A/60V/17V(VRD) TIG: 10-85A/29V 220V: MMA: 10-190A/60V/17V(VRD) TIG: 10-190A/29V	315*145*250	7

ARC 200T

LIGHT INDUSTRIAL, CLASSICAL

- CLASSICAL WELDER FOR 3.2MM ELECTRODE.



Processes

- MMA

Package Includes

- Inverter power source
- Electrode holder, 3m
- Earth clamp, 3m

Optional Accessories

- Quick plug
- Wrench
- Helmet

Features

- VRD built-in.
- Self-adaptive Arc force and Hot start built-in, Anti-sticking.
- Non-stop welding for 2.5mm and 3.2mm electrode, able to 4.0mm electrode.
- Suitable for acid and basic electrode.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (25°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
ARC 200T	220V/1P/50-60Hz	160A/26.4V/30% 110/24.4V/100%	35A@160A	30-160A/66V/18V (VRD)	402*160*300	6.5

ARC 200CT/250CT/200CS

LIGHT INDUSTRIAL, CLASSICAL

- UNIQUE AIR DUCT DESIGN, NON-STOP WELDING 3.2MM ELECTRODE.



Cellulosic

Processes

- MMA
- Lift-TIG optional

Package Includes

- Inverter power source
- Electrode holder, 3m
- Earth clamp, 3m

Optional Accessories

- Quick plug
- Wrench
- Helmet
- Belt

Features

- New technology to maximizing thermal dissipation with 4 separated heat sinks.
- VRD built-in.
- Self-adaptive Arc force and Hot start built-in, Anti-sticking.
- Non-stop welding for 2.5mm and 3.2mm electrode, able to 4.0mm electrode.
- Suitable for acid electrode, basic electrode and cellulosic electrode.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
ARC 200CT	220V/1P/50-60Hz	160A/26.4V/30% 100A/24V/100%	32.7A@160A	30-160A/70V/18V(VRD)	402*160*300	5.8
ARC 250CT	220V/1P/50-60Hz	190A/27.6V/30% 120A/24.8V/100%	39A@190A	30-190A/70V/18V(VRD)	402*160*300	6.4
ARC 200CS	110V/1P/50-60Hz 220V/1P/50-60Hz	110V: 110A/24.4V/30% 60A/22.4V/100% 220V: 190A/27.6V/30% 90A/23.6V/100%	110V: 37A@110A 220V: 40A@190A	110V: 40-110A/64V 220V: 40-190A/64V	402*160*300	6.6

ARC 200CEL

LIGHT INDUSTRIAL, CLASSICAL

- UNIQUE AIR DUCT DESIGN, SPECIAL FOR CELLULOSIC ELECTRODE.



Cellulosic

Processes

- MMA
- Lift-TIG optional

Package Includes

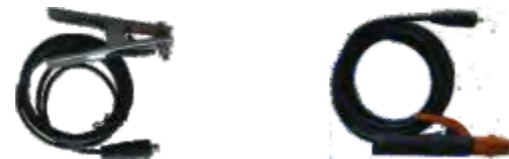
- Inverter power source
- Electrode holder, 3m
- Earth clamp, 3m

Optional Accessories

- Quick plug
- Wrench
- Helmet
- Belt

Features

- New technology to maximizing thermal dissipation with 4 separated heat sinks.
- VRD built-in.
- Self-adaptive arc force, hot start built-in and anti-sticking.
- Non-stop welding for 2.5mm and 3.2mm electrode, able to 4.0mm electrode.
- Suitable for acid and basic electrode, special for cellulosic electrode.



ARC 250SE/SII

LIGHT INDUSTRIAL, DUAL VOLTAGE, ECONOMICAL

- DUAL VOLTAGE SERIES.



Cellulosic

Processes

- MMA

Package Includes

- Inverter power source
- Electrode holder, 3m
- Earth clamp, 3m

Optional Accessories

- Quick plug
- Wrench
- Helmet
- Belt

Features

- New technology to maximizing thermal dissipation with 4 separated heat sinks.
- VRD built-in.
- Self-adaptive Arc force and Hot start built-in, Anti-sticking.
- Non-stop welding for 2.5mm and 3.2mm electrode, able to 4.0mm electrode.
- Suitable for acid electrode, basic electrode and cellulosic electrode.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
ARC 200CEL	220V/1P/50-60Hz	190A/27.6V/30% 120/24.8V/100%	39A@190A	30-190A/70V/18V(VRD)	402*160*300	6.4

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
ARC 250SE	220V/1P/50-60Hz 380V/1P/50-60Hz	220V: 140A/25.6V/60% 110A/24.4V/100% 380V: 190A/27.6V/20% 85A/23.4V/100%	220V: 27A@140A 380V: 23A@190A	220V: 40-140A/73V/17V(VRD) 380V: 40-190A/66V/17V(VRD)	402*160*300	6.6
ARC 250SII	220V/1P/50-60Hz 380V/1P/50-60Hz	220V: 130A/25.2V/60% 120A/24.8V/100% 380V: 170A/26.8V/20% 120A/24.8V/100%	220V: 23.5A@130A 380V: 19A@170A	220V: 40-130A/60V/17V(VRD) 380V: 40-170A/50V/17V(VRD)	402*160*300	6.6

ARC 250GTS/315GTS

INDUSTRIAL, DUAL VOLTAGE, DURABLE

- DUAL VOLTAGE SERIES WITH STRONG FUNCTION.



Cellulosic

Processes

- MMA

Package Includes

- Inverter power source
- Electrode holder, 3m
- Earth clamp, 3m

Optional Accessories

- Quick plug
- Wrench
- Helmet

Features

- New technology to maximizing thermal dissipation with 4 separated heat sinks.
- VRD adjustable.
- Arc force adjustable.
- Hot start adjustable.
- Recommend for 4.0mm and 5.0mm electrode.
- Suitable for acid electrode, basic electrode and cellulosic electrode.



ARC 251C/315C

INDUSTRIAL, CLASSICAL

- POWERFUL OUTPUT CURRENT OF 230A AT SINGLE PHASE.



Cellulosic

Processes

- MMA

Package Includes

- Inverter power source
- Electrode holder, 3m
- Earth clamp, 3m

Optional Accessories

- Quick plug
- Wrench
- Helmet

Features

- New technology to maximizing thermal dissipation with 4 separated heat sinks.
- VRD adjustable (ARC 251C).
- Arc force adjustable.
- Self-adaptive Hot start built-in, Anti-sticking.
- Recommend for 4.0mm and 5.0mm electrode.
- Suitable for acid electrode, basic electrode and cellulosic electrode.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
ARC 250GTS	220V/1P/50-60Hz 380V/1P/50-60Hz	220V: 180A/27.2V/30% 110A/24.4V/100% 380V: 250A/30V/30% 137A/25.5V/100%	220V: 37A@180A 380V: 33A@250A	220V: 40-180A/70V/15V(VRD) 380V: 40-250A/60V/15V(VRD)	466*212*371	15
ARC 315GTS	220V/1P/50-60Hz	220V: 210A/28.4V/30% 115A/24.6V/100% 380V: 280A/31.2V/30% 154A/26.2V/100%	220V: 39A@210A 380V: 37A@280A	220V: 30-210A/78V/15V(VRD) 380V: 30-280A/68V/15V(VRD)	466*212*371	15

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
ARC 251C	220V/1P/50-60Hz	230A/29.2V/30% 160A/26.4V/100%	47A@230A	30-230A/65V/15V(VRD)	472*203*357	8.5
ARC 315C	380V/3P/50-60Hz	270A/30.8V/20% 170A/26.8V/100%	16.8A@270A	40-270A/63V	472*203*357	12.5

MMA 315G/ARC 315GT

INDUSTRIAL, CLASSICAL

• THE PRIORITY SELECTION FOR ENGINEERING FABRICATION INDUSTRY.



Cellulosic

Processes

- MMA
- Remote control optional

Package Includes

- Inverter power source
- Electrode holder, 3m
- Earth clamp, 3m

Optional Accessories

- Quick plug
- Wrench
- Helmet
- Remote control box

Features

- VRD adjustable.
- Arc force adjustable.
- Hot start adjustable.
- Recommend for 5.0mm electrode.
- Suitable for acid electrode, basic electrode and cellulosic electrode.
- Tri-proof air duct design.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MMA 315G	380V/3P/50-60Hz	280A/31.2V/40% 180A/27.2V/100%	17A@280A	40-280A/65V/17V(VRD)	426*212*357	15
ARC 315GT	220V/3P/50-60Hz	280A/31.2V/40% 180/27.2V/100%	30A@280A	40-280A/59V/16V(VRD)	426*212*357	15

MMA 400G/500G

INDUSTRIAL, CLASSICAL

• THE PRIORITY SELECTION FOR ENGINEERING FABRICATION INDUSTRY.



Cellulosic

Processes

- MMA
- Remote control optional

Package Includes

- Inverter power source
- Electrode holder, 3m
- Earth clamp, 3m

Optional Accessories

- Quick plug
- Wrench
- Helmet
- Remote control box

Features

- VRD adjustable.
- Arc force adjustable.
- Hot start adjustable.
- Recommend for 5.0mm electrode.
- Suitable for acid electrode, basic electrode and cellulosic electrode.
- Tri-proof air duct design.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MMA 400G	380V/3P/50-60Hz	380A/35.2V/40% 253A/30.1V/100%	27.7A@380A	40-380A/62V/17V(VRD)	485*234*425	22
MMA 500G	380V/3P/50-60Hz	480A/39.2V/40% 304A/32.2V/100%	36.2A@480A	40-480A/68V/17V(VRD)	515*262*468	26

HARC 400IT

HEAVY INDUSTRIAL, CLASSICAL

- THE PRIORITY SELECTION FOR HEAVY ENGINEERING FABRICATION INDUSTRY WITH PHASE LOSE PROTECTION.



Cellulosic

Processes

- MMA
- Arc Gouge
- Remote control

Package Includes

- Inverter power source
- Electrode holder, 3m
- Earth clamp, 3m

Optional Accessories

- Quick plug
- Wrench
- Helmet
- Remote control box

Features

- Heavy duty, non-stop working under 40 degree condition.
- VRD adjustable.
- Arc force adjustable.
- Hot start adjustable.
- Recommend for 5.0mm electrode.
- Suitable for acid electrode, basic electrode and cellulosic electrode.
- Tri-proof air duct design.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
ARC 400IT	380V/3P/50-60Hz	400A/36V/40% 253A/30.1V/100%	27.7A@400A	40-400A/62V/18V(VRD)	508*244*423	22

HARC 500IJ/630I

HEAVY INDUSTRIAL, CLASSICAL

- THE PRIORITY SELECTION FOR HEAVY ENGINEERING FABRICATION INDUSTRY WITH HEAVY DUTY.



Cellulosic

Processes

- MMA
- Carbon arc gouge
- Remote control

Package Includes

- Inverter power source
- Electrode holder, 3m
- Earth clamp, 3m

Optional Accessories

- Quick plug
- Wrench
- Helmet
- Remote control box

Features

- Heavy duty, non-stop working under 40 degree condition.
- VRD adjustable.
- Arc force adjustable.
- Hot start adjustable.
- Recommend for 5.0mm electrode.
- Suitable for acid electrode, basic electrode and cellulosic electrode.
- Tri-proof air duct design.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
ARC 500IJ	380V/3P/50-60Hz	500A/40V/60% 387A/35.5V/100%	38.4A@500A	40-500A/93V/15.2V(VRD)	650*310*640	47
ARC 630I	380V/3P/50-60Hz	630A/44V/60% 488A/39.5V/100%	53.1A@630A	50-630A/90V/17V(VRD)	670*320*640	58

H MZ 1000CV/MZ 1250CV

HEAVY INDUSTRIAL, CARBON ARC GOUGING

- THE PRIORITY SELECTION FOR HEAVY ENGINEERING FABRICATION INDUSTRY WITH HEAVY DUTY.



Processes

- MMA
- Carbon arc gouge

Package Includes

- 600A copper wire ear
- Wrench

Optional Accessories

- Earth clamp
- Electrode holder
- Carbon gouging torch
- Helmet

Features

- Heavy duty, non-stop working under 40 degree condition.
- Arc force adjustable. Tri-proof air duct design.
- IGBT module technology.
- Excellent performance, suitable for heavy industry.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MZ 1000CV	380V/3P/50-60Hz	MMA: 1000A/44V/40% 700A/44V/100%	84.3A@1000A	100-1000A/90V	760*380*820	85
MZ 1250CV	380V/3P/50-60Hz	MMA: 1250A/44V/40% 900A/44V/100%	130A@1250A	125-1250A/90V	760*380*820	85

D MIG 135E

PORTABLE, COMPACT, POCKET TOOL

- EASY TO CARRY, PORTABLE USING.



Synergic

Processes

- MIG/Gasless

Package Includes

- Inverter power source
- Fixed MIG torch
- Fixed earth clamp
- Gasless flux-core wire

Optional Accessories

- Welding cart
- Kit case
- Brush
- Helmet

Features

- CPU built-in.
- Synergic.
- Wire rapid, press trigger for 5 seconds under no-loaded.
- Fan as needed, reduce noise and dust inside the machine.
- Compatible with 0.5kg(100mm) wire spool.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 135E	120V/1P/50-60Hz	90A/18.5V/20% 45A/16.3V/100%	23.5A@90A	30-120A/55V	318*135*240	5.4
MIG 135E	230V/1P/50-60Hz	90A/18.5V/20% 45A/16.3V/100%	13.4A@100A	45-100A/58V	318*135*240	5.4

D MIG 200E

PORTABLE, COMPACT, POCKET TOOL

- EASY TO CARRY, PORTABLE USING.



Synergic

Processes

- MIG
- MIG/Gasless
- MMA

Package Includes

- Inverter power source
- Fixed MIG torch
- Fixed earth clamp

Optional Accessories

- Welding cart
- Kit case
- Brush
- Helmet

Features

- CPU built-in.
- Synergic.
- Voltage micro-adjustable.
- Fan as needed, reduce noise and dust inside the machine.
- Compatible with 1kg(100mm) and 5kg(200mm) wire spool.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 200E	230V/1P/50-60Hz	MIG : 160A/22V/20% 70A/17.5V/100% MMA : 120A/24.8V/20% 55A/22.2V/100%	MIG : 26.2A@160A MMA : 22.2A@120A	MIG : 30-160A/60V MMA : 30-120A/60V	390*170*300	6.5

L MIG 160CT/180CT/200CT

LIGHT INDUSTRIAL, CLASSICAL

- THE PRIORITY SELECTION FOR GENERAL DEMAND.



Processes

- MIG
- MIG/Gasless
- MMA

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose, 3m
- Hose clamp, 2pcs

Optional Accessories

- Electrode holder, 3m
- Welding cart
- Helmet

Features

- New technology to maximizing thermal dissipation with 4 separated heat sinks.
- Current, voltage and inductance adjustable.
- Wire diameter selectable.
- Polarity change.
- Compatible with 1kg(100mm) and 5kg(200mm) wire spool.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 160CT	220V/1P/50-60Hz	MIG: 160A/22V/30% 100A/19V/100% MMA: 140A/25.6V/30% 90A/23.6V/100%	MIG: 27.5A@160A MMA: 27.5A@140A	MIG: 40-160A/48V MMA: 20-140A/48V	467*203*476	14
MIG 180CT	220V/1P/50-60Hz	MIG: 180A/23V/30% 120A/20V/100% MMA: 160A/26.4V/30% 100A/24V/100%	MIG: 31.5A@180A MMA: 32A@160A	MIG: 40-180A/59V MMA: 20-160A/59V	467*203*476	14
MIG 200CT	220V/1P/50-60Hz	MIG: 200A/24V/30% 130A/20.5V/100% MMA: 160A/26.4V/30% 100A/24V/100%	MIG: 36.5A@200A MMA: 32A@160A	MIG: 40-200A/59V MMA: 20-160A/59V	467*203*476	14

MIG 180GDM

IGBT INDUSTRIAL, FULL DIGITAL

- MULTI-PROCESS AND UNIQUE APPEARANCE.



Synergic

Processes

- MIG/CO₂
- MIG/MIX
- MIG/Gasless
- MMA
- Lift-TIG

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose, 3m
- Hose clamp, 2pcs

Optional Accessories

- Electrode holder, 3m
- TIG torch, 4m
- Welding cart
- Helmet



Features

- CPU built-in.
- Synergic, voltage micro-adjustable, inductance adjustable.
- 2T/4T.
- Polarity change inside.
- VRD adjustable.
- Self-adaptive Arc force and Hot start built-in, Anti-sticking.
- Fan as needed, reduce noise and dust inside the machine.
- Compatible with 1kg(100mm) and 5kg(200mm) wire spool, access to 15kg(300mm) wire spool with extra trolley.
- The version of 115/230V optional.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 180GDM	220V/1P/50-60Hz	MIG: 180A/23V/25% 90A/18.5V/100% MMA: 160A/26.4V/25% 85A/23.4V/100% TIG: 180A/17.2V/25% 100A/14V/100%	MIG: 31.8A@180A MMA: 31.3A@160A TIG: 25.3A@180A	MIG: 50-180A/53V MMA: 10-160A/53V/17V(VRD) TIG: 10-180A/17V	386*170*300	8

MIG 180GDM II

IGBT INDUSTRIAL, FULL DIGITAL, FAWS PATENT

- FAWS PATENT TECHNOLOGY FROM RILAND.



Synergic FAWS
Say No To Gravity



Processes

- MIG/CO₂/FAWS
- MIG/MIX
- MIG/Gasless
- MMA
- Lift-TIG

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose, 3m
- Hose clamp, 2pcs

Optional Accessories

- Electrode holder, 3m
- TIG torch, 4m
- Welding cart
- Helmet

Features

- FAWS patent technology from RILAND.
- CPU built-in.
- Synergic, voltage micro-adjustable, inductance adjustable.
- 2T/4T.
- Polarity change inside.
- VRD adjustable.
- Self-adaptive Arc force and Hot start built-in, Anti-sticking.
- Fan as needed, reduce noise and dust inside the machine.
- Compatible with 1kg(100mm) and 5kg(200mm) wire spool, access to 15kg(300mm) wire spool with extra trolley.
- The version of 115/230V optional.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 180GDM II	230V/1P/50-60Hz	MIG: 180A/23V/25% 90A/18.5V/100% MMA: 160A/26.4V/25% 85A/23.4V/100% TIG: 180A/17.2V/25% 100A/14V/100%	MIG: 26.2A@180A MMA: 26.8A@160A TIG: 19.6A@180A	MIG: 50-180A/67V MMA: 10-160A/67V TIG: 10-180A/17V	386*170*300	8

MIG 180PGDM

LIGHT INDUSTRIAL, FULL DIGITAL, PULSE

- THE SMALLEST MIG MACHINE WITH PULSE IN THE WORLD.



Processes

- MIG/MIX
- MIG/Ar AI
- MIG/Gasless
- MMA
- Lift-TIG

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose, 3m
- Hose clamp, 2pcs

Optional Accessories

- Electrode holder, 3m
- TIG torch, 4m
- Welding cart
- Helmet

Features

- The smallest MIG machine with pulse in the world.
- CPU built-in.
- Synergic, voltage micro-adjustable, inductance adjustable.
- 2T/4T.
- Polarity change inside.
- VRD adjustable.
- Self-adaptive Arc force and Hot start built-in, Anti-sticking.
- Fan as needed, reduce noise and dust inside the machine.
- Compatible with 1kg(100mm) and 5kg(200mm) wire spool, access to 15kg(300mm) wire spool with extra trolley.
- The version of 115/230V optional.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 180PGDM	230V/1P/50-60Hz	MIG: 180A/23V/25% 90A/18.5V/100% MMA: 160A/26.4V/25% 85A/23.4V/100% TIG: 180A/17.2V/25% 100A/14V/100%	MIG: 34A@180A MMA: 34A@160A TIG: 27.5A@180A	MIG: 50-180A/56V MMA: 15-160A/56V/17V(VRD) TIG: 15-180A/17V	386*170*300	8

MIG 175GDM/181GDM

LIGHT INDUSTRIAL, FULL DIGITAL, PULSE, SPOOL GUN

- NOT ONLY FOR PULSE, BUT ALSO FOR SPOOL GUN.



Processes

- MIG/MIX
- MIG/Ar AI
- MIG/Gasless
- MMA
- Lift-TIG

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose, 3m
- Hose clamp, 2pcs

Optional Accessories

- Spool gun
- Electrode holder, 3m
- TIG torch, 4m
- Welding cart
- Helmet

Features

- Compatible with spool gun.
- CPU built-in.
- Synergic, voltage micro-adjustable, inductance adjustable.
- 2T/4T.
- Polarity change.
- VRD adjustable.
- Self-adaptive Arc force and Hot start built-in, Anti-sticking.
- Fan as needed, reduce noise and dust inside the machine.
- Compatible with 1kg(100mm) and 5kg(200mm) wire spool.
- The version of 115/230V optional.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 175GDM	230V/1P/50-60Hz	MIG: 180A/23V/20% 90A/18.5V/100% MMA: 160A/26.4V/20% 70A/22.8V/100% TIG: 180A/17.2V/25% 90A/13.6V/100%	MIG: 31.2A@180A MMA: 31.1A@160A TIG: 24A@180A	MIG: 32-180A/63V MMA: 10-160A/63V/17V (VRD) TIG: 10-180A/63V	420*220*439	12.8
MIG 181GDM	230V/1P/50-60Hz	180A/23V/20% 80A/18V/100%	31.2A@180A	32-180A/63V	420*220*439	12.8

MultiPro 200SP

LIGHT INDUSTRIAL, FULL DIGITAL, PULSE, TWECO TYPE TORCH

- MULTIPROCESS WELDER WITH 120/240 VOLT INPUT.



Processes

- MIG/Gasless
- MIG/CO2
- MIG/MIX
- MMA
- Lift-TIG

Package Includes

- Earth clamp, 10 ft.(3m)
- MIG torch, 10 ft.(3m)
- TIG torch, 13 ft.(4m)
- Hose, 10 ft.(3m)
- Power cord
- Tungsten electrode(cerium-tungsten)

Optional Accessories

- Spool gun
- Electrode holder, 10 ft.(3m)
- Welding cart
- Helmet
- Flow gauge regulator

Features

- Compatible with spool gun.
- CPU built-in.
- Synergic, voltage micro-adjustable, inductance adjustable.
- Multiple trigger modes for spot welding, 2T - for normal trigger pull on/off, and 4T - for sustained long welds.
- Support gass and gassless welding by changing polarity.
- VRD adjustable.
- Built-in self-adaptive Arc force and Hot start, anti-stick under MMA mode.
- Fan as needed, reduce noise to be quieter, and protect machine from dust.
- Compatible with 2lb.(3.94in.) and 11lb.(7.87in.) wire spool.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MultiPro 200SP	115V/1P/50-60Hz 230V/1P/50-60Hz	115V:MIG: 90A/18.5V/30% 50A/16.5V/100% MMA: 75A/23V/30% 40A/21.6V/100% TIG: 85A/13.4V/30% 50A/12V/100% 230V:MIG: 200A/24V/25% 90A/18.5V/100% MMA: 160A/26.4V/25% 80A/23.2V/100% TIG: 180A/17.2V/25% 90A/13.6V/100%	115V:MIG: 24A@90A MMA: 24.5A@75A TIG: 17.2A@85A 230V:MIG: 32.7A@200A MMA: 32.2A@160A TIG: 26.7A@180A	115V:MIG: 40-90A/61V MMA: 15-75A/61V/17V(VRD) TIG: 15-85A/61V 230V:MIG: 35-200A/61V MMA: 15-160A/61V/17V(VRD) TIG: 15-180A/61V	420*220*439	12.8

MIG 220GDM LCD

LIGHT INDUSTRIAL, FULL DIGITAL

- MULTI-PROCESS AND PROFESSIONAL.



Processes

- MIG/Gasless
- MIG/CO2
- MIG/MIX
- MMA
- Lift-TIG

Package Includes

- Earth clamp, 10 ft.(3m)
- MIG torch, 10 ft.(3m)
- Hose, 10 ft.(3m)
- Power cord

Optional Accessories

- Electrode holder, 10 ft.(3m)
- TIG torch, 13 ft.(4m)
- Welding cart
- Helmet
- Flow gauge regulator

Features

- Multiprocess welder, weld a wide range of materials with fast, easy set-up.
- Synergic, voltage micro-adjustable, inductance adjustable.
- Multiple trigger modes for spot welding, 2T - for normal trigger pull on/off, and 4T - for sustained long welds .
- Support gass and gassless welding by changing polarity .
- VRD adjustable.
- Built-in self-adaptive Arc force and Hot start, anti-stick under MMA mode.
- Fan as needed, reduce noise to be quieter, and protect machine from dust.
- Compatible with 2lb.(3.94in.) and 11lb.(7.87in.) wire spool, access to 33lb.(11.81in.) wire spool with extra trolley.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 220GDM LCD	230V/1P/50-60Hz	MIG: 200A/24V/20% 90A/18.5V/100% MMA: 160A/26.4V/20% 85A/23.4V/100% TIG: 200A/18V/20% 100A/14V/100%	MIG: 35A@200A MMA: 31A@160A TIG: 26A@200A	MIG: 50-200A/56V MMA: 30-160A/56V/17V(VRD) TIG: 10-200A/17V	368*170*300	8

MIG 250GDM/300GDL

LIGHT INDUSTRIAL, FULL DIGITAL, FAWS PATENT, SPOOL GUN

- FAWS PATENT TECHNOLOGY FROM RILAND.



Processes

- MIG/CO2/FAWS
- MIG/MIX
- MIG/Gasless
- MMA
- Lift-TIG

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose, 3m
- Hose clamp, 2pcs

Optional Accessories

- Spool gun
- Electrode holder, 3m
- TIG torch, 4m
- Welding cart
- Helmet



Features

- FAWS patent technology from RILAND.
- Wire diameter selectable.
- Compatible with spool gun.
- CPU built-in.
- Synergic, voltage micro-adjustable, inductance adjustable.
- 2T/4T.
- Polarity change inside.
- VRD adjustable.
- Self-adaptive Arc force and Hot start built-in, Anti-sticking.
- Fan as needed, reduce noise and dust inside the machine.
- Compatible with 5kg(200mm) and 15kg(300mm) wire spool.

MIG 250PGDM LCD

LIGHT INDUSTRIAL, FULL DIGITAL, LCD, PULSE, SPOOL GUN

- PULSE CONTRIBUTE TO WELD ALUMINUM.



Processes

- MIG/MIX
- MIG/Ar AI
- MIG/Gasless
- MMA
- Lift-TIG

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose, 3m
- Hose clamp, 2pcs

Optional Accessories

- Spool gun
- Electrode holder, 3m
- TIG torch, 4m
- Welding cart
- Helmet

Features

- Wire diameter selectable.
- Compatible with spool gun.
- CPU built-in.
- Synergic, voltage micro-adjustable, inductance adjustable.
- 2T/4T.
- Polarity change inside.
- VRD adjustable.
- Self-adaptive Arc force and Hot start built-in, Anti-sticking.
- Fan as needed, reduce noise and dust inside the machine.
- Compatible with 5kg(200mm) and 15kg(300mm) wire spool.
- LCD screen visual welding process parameters

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 250GDM	230V/1P/50-60Hz	MIG: 230A/25.5V/25% 150A/21.5V/100% MMA: 220A/28.8V/25% 140A/25.6V/100% TIG: 250A/20V/25% 160A/16.4V/100%	MIG: 43A@230A MMA: 45A@220A TIG: 38A@250A	MIG: 50-230A/17V MMA: 15-220A/56V/17V(VRD) TIG: 15-250A/17V	560*240*440	20
MIG 300GDL	380V/3P/50-60Hz	MIG: 250A/26.5V/25% 150A/21.5V/100% MMA: 220A/28.8V/25% 150A/26V/100% TIG: 250A/20V/25% 160A/16.4V/100%	MIG: 13.2A@250A MMA: 13.5A@220A TIG: 11.1A@250A	MIG: 50-250A/60V MMA: 10-220A/60V/17V(VRD) TIG: 10-250A/22V	560*240*440	20

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 250PGDM LCD	230V/1P/50-60Hz	MIG: 230A/25.5V/25% 150A/21.5V/100% MMA: 220A/28.8V/25% 140A/25.6V/100% TIG: 250A/20V/25% 160A/16.4V/100%	MIG: 43A@230A MMA: 45A@220A TIG: 38A@250A	MIG: 50-230A/56V MMA: 15-220A/56V/17V(VRD) TIG: 15-250A/17V(VRD)	560*240*440	20

MIG 250PGDM/300PGDL

LIGHT INDUSTRIAL, FULL DIGITAL, PULSE, SPOOL GUN

- PULSE CONTRIBUTE TO WELD ALUMINUM.



Processes

- MIG/MIX
- MIG/Ar AI
- MIG/Gasless
- MMA
- Lift-TIG

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose, 3m
- Hose clamp, 2pcs

Optional Accessories

- Spool gun
- Electrode holder, 3m
- TIG torch, 4m
- Welding cart
- Helmet



Features

- Wire diameter selectable.
- Compatible with spool gun.
- CPU built-in.
- Synergic, voltage micro-adjustable, inductance adjustable.
- 2T/4T.
- Polarity change inside.
- VRD adjustable.
- Self-adaptive Arc force and Hot start built-in, Anti-sticking.
- Fan as needed, reduce noise and dust inside the machine.
- Compatible with 5kg(200mm) and 15kg(300mm) wire spool.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 250PGDM	220V/1P/50-60Hz	MIG: 230A/25.5V/25% 150A/21.5V/100% MMA: 220A/28.8V/25% 140A/25.6V/100% TIG: 250A/20V/25% 160A/16.4V/100%	MIG: 45A@230A MMA: 47A@220A TIG: 40A@250A	MIG: 50-230A/17V MMA: 15-220A/54V/17V(VRD) TIG: 15-250A/17V	560*240*440	20
MIG 300PGDL	380V/3P/50-60Hz	MIG: 250A/26.5V/25% 150A/21.5V/100% MMA: 220A/28.8V/25% 150A/26V/100% TIG: 250A/20V/25% 160A/16.4V/100%	MIG: 13.2A@250A MMA: 13.5A@220A TIG: 11.1A@250A	MIG: 50-250A/60V MMA: 10-220A/60V/17V(VRD) TIG: 10-250A/22V	560*240*440	20

MIG 251/MIG 250

LIGHT INDUSTRIAL, COMPACT

- THE PRIORITY SELECTION FOR GENERAL DEMAND.



Processes

- MIG
- MIG/Gasless

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose, 3m
- Hose clamp, 2pcs

Optional Accessories

- Welding cart
- Helmet



Features

- Current, voltage and inductance adjustable.
- Wire inching built-in.
- Polarity changeable.
- Compatible with 15Kg wire spool.
- Tri-proof air duct design.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 251	220V/1P/50-60Hz	220A/25V/30% 120A/20V/100%	40A@220A	40-220A/45V	475*200*447	13.5
MIG 250	380V/3P/50-60Hz	220A/25V/25% 130A/20.5V/100%	14.8A@220A	40-220A/50V	475*200*447	13.5

MIG 271GW/300GW/350GW

LIGHT INDUSTRIAL, COMPACT

- INDUSTRIAL, IGBT, COMPACT



Processes

- MIG
- MIG/Gasless
- MMA

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose, 3m
- Hose clamp, 2pcs

Optional Accessories

- Electrode holder, 3m
- Spool Cover
- Welding cart (MIG 271GW)
- Helmet



Features

- Current, voltage and inductance adjustable.
- Wire inching built-in.
- Spool cover optional.
- Compatible with 15Kg wire spool.
- Tri-proof air duct design.
- Polarity changeable.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 271GW	220V/1P/50-60Hz	MIG: 250A/26.5V/30% 140A/21V/100% MMA: 220A/28.8V/30% 120A/24.8V/100%	MIG: 50A@250A MMA: 48A@220A	MIG: 40-250A/60V MMA: 40-220A/60V	472*253*485	21
MIG 300GW	380V/3P/50-60Hz	MIG: 300A/29V/30% 250A/26.5V/100% MMA: 300A/32V/30% 250A/30V/100%	MIG: 18A@300A MMA: 19A@300A	MIG: 50-300A/51V MMA: 70-300A/51V	468*245*478	23
MIG 350GW	380V/3P/50-60Hz	MIG: 320A/30V/25% 250A/26.5V/100% MMA: 300A/32V/30% 250A/30V/100%	MIG: 20A@320A MMA: 19A@300A	MIG: 50-320A/56V MMA: 70-300A/56V	595*275*503	31.5

MIG 271CT/270C

LIGHT INDUSTRIAL, COMPACT

- GOOD HAND IN SPOT WELDING.



Processes

- MIG
- MIG/Gasless optional

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose, 3m
- Hose clamp, 2pcs



Optional Accessories

- Helmet

Features

- New technology to maximizing thermal dissipation with 4 separated heat sinks.
- Current, voltage and inductance adjustable.
- Wire diameter selectable.
- Wire inching built-in.
- Compatible with 15kg(300mm)wire spool.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 271CT	220V/1P/50-60Hz	MIG: 250A/26.5V/20% 120A/20V/100% MMA: 220A/28.8V/20% 100A/24V/100%	MIG: 47.6A@250A MMA: 44.5A@220A	MIG: 40-250A/45V MMA: 20-220A/45V	930*300*660	32.5
MIG 270C	380V/3P/50-60Hz	MIG: 250A/26.5V/20% 120A/20V/100% MMA: 220A/28.8V/20% 100A/24V/100%	MIG: 15A@250A MMA: 14.5A@220A	MIG: 40-250A/50V MMA: 20-220A/50V	930*300*660	32.5

MIG 271GF

IGBT INDUSTRIAL, SEPARATED

• THE PRIORITY SELECTION FOR MOVEABLE WORKPLACE.



Processes

- MIG
- MIG/Gasless
- MMA

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose, 3m
- Hose clamp, 2pcs

Optional Accessories

- Electrode holder, 3m
- Helmet

Features

- Current, voltage and inductance adjustable.
- 2tT/4T.
- Compatible with 15Kg wire spool.
- Tri-proof air duct design.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 271GF	220V/1P/50-60Hz	MIG: 250A/26.5V/40% 160A/22V/100% MMA: 220A/28.8V/40% 140A/25.6V/100%	MIG: 48A@250A MMA: 46A@220A	MIG: 50-250A/58V MMA: 50-220A/58V	466*212*371	15.4

MIG 250GF/300GF

IGBT INDUSTRIAL, SEPARATED

• THE PRIORITY SELECTION FOR MOVEABLE WORKPLACE.



Processes

- MIG
- MIG/Gasless
- MMA

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose, 3m
- Hose clamp, 2pcs

Optional Accessories

- Electrode holder, 3m
- Helmet

Features

- Current, voltage and inductance adjustable.
- 2tT/4T.Wire inching on wire feeder.
- Compatible with 15Kg (300mm)wire spool.
- Tri-proof air duct design.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 250GF	380V/3P/50-60Hz	MIG: 250A/26.5V/30% 180A/23V/100% MMA: 250A/30V/30% 180A/27.2V/100%	MIG: 14A@250A MMA: 16A@250A	MIG: 40-250A/56V MMA: 60-250A/56V	468*245*478	17.3
MIG 300GF	380V/3P/50-60Hz	MIG: 300A/29V/35% 250A/26.5V/100% MMA: 300A/32V/20% 250A/30V/100%	MIG: 18A@300A MMA: 19A@300A	MIG: 50-300A/52V MMA: 70-300A/52V	468*245*478	17.3

MIG 250GS/250R

LIGHT INDUSTRIAL, COMPACT

- UNIQUE APPEARANCE.



Processes

- MIG
- MIG/Gasless
- MMA

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose, 3m
- Hose clamp, 2pcs

Optional Accessories

- Electrode holder, 3m
- Helmet

Features

- Current, voltage and inductance adjustable.
- 2T/4T.
- Polarity change.
- Wire inching built-in.
- Compatible with 15kg(300mm) wire spool.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 250GS	220V/1P/50-60Hz	MIG: 250A/26.5V/35% 180A/23V/100% MMA: 220A/28.8V/30% 160A/26.4V/100%	MIG: 50A@250A MMA: 47A@220A	MIG: 50-250A/56V MMA: 50-220A/56V	615*276*760	45
MIG 250R	230V/1P/50-60Hz	MIG: 250A/26.5V/35% 180A/23V/100% MMA: 220A/28.8V/30% 160A/26.4V/100%	MIG: 48A@250A MMA: 46A@220A	MIG: 50-250A/61V MMA: 50-220A/61V	979*260*1196	66

MIG 250GS LCD/250R LCD

INDUSTRIAL, FULL DIGITAL, SYNERGIC, LCD, COMPACT

- NEW GENERATION, FULL DIGITAL AND LCD DISPLAY MIG MACHINE.



Processes

- MIG
- MIG/Synergic
- MIG/Gasless
- MMA
- Lift-TIG

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose clamp

Optional Accessories

- Electrode holder, 3m
- Helmet



Features

- Great big LCD display.
- Advanced digital control technology, 64-bit high speed CPU.
- Advanced dual tube inverter technology.
- Built-in expert synergic welding database.
- Dust-Free cooling system, enhance higher Duty Cycle.
- Multi-process: MIG, Synergic MIG, MMA & Lift-TIG.
- Excellent welding performance for iron steel and stainless steel.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 250GS LCD	230V/1P/50-60Hz	MIG: 250A/26.5V/35% 180A/23V/100% MMA: 220A/28.8V/30% 160A/26.4V/100%	MIG: 46A@250A MMA: 45A@220A	MIG: 50-250A/56V MMA: 50-220A/56V	615*276*760	45
MIG 250R LCD	230V/1P/50-60Hz	MIG: 250A/26.5V/35% 180A/23V/100% MMA: 220A/28.8V/30% 160A/26.4V/100%	MIG: 48A@250A MMA: 46A@220A	MIG: 50-250A/61V MMA: 50-220A/61V	979*260*1196	66

MIG 250GN/300GN/300GS

INDUSTRIAL, COMPACT

• UNIQUE APPEARANCE.



Processes

- MIG
- MIG/Gasless
- MMA

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose, 3m
- Hose clamp, 2pcs

Optional Accessories

- Electrode holder, 3m
- Helmet

Features

- Current, voltage and inductance adjustable.
- 2T/4T.
- Polarity change.
- Bracket on the side.
- Friendly tool box.
- Wire inching built-in.
- Compatible with 15kg(300mm) wire spool.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 250GN	400V/3P/50-60Hz	MIG: 250A/26.5V/40% 180A/23V/100% MMA: 250A/30V/40% 180A/27.2V/100%	MIG: 14A@250A MMA: 15A@250A	MIG: 50-250A/63V MMA: 50-250A/63V	900*365*740	45
MIG 300GN	380V/3P/50-60Hz	MIG: 300A/29V/35% 250A/26.5V/100% MMA: 300A/32V/20% 250A/30V/100%	MIG: 18A@300A MMA: 19A@300A	MIG: 50-300A/56V MMA: 70-300A/56V	995*460*950	60
MIG 300GS	220V/1P/50-60Hz 220V/3P/50-60Hz	1P: MIG: 250A/26.5V/35% 200A/24V/100% MMA: 250A/30V/35% 200A/28V/100% 3P: MIG: 300A/29V/35% 250A/26.5V/100% MMA: 300A/32V/35% 250A/30V/100%	1P: MIG: 47A@250A MMA: 52A@250A 3P: MIG: 29A@300A MMA: 32A@300A	1P: MIG: 40-250A/56V MMA: 65-250A/56V 3P: MIG: 50-300A/56V MMA: 70-300A/56V	995*460*950	60

MIG 300GD

INDUSTRIAL, COMPACT

• UNIQUE APPEARANCE.



Synergic

Processes

- MIG
- MIG/Gasless
- MMA

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose, 3m
- Hose clamp, 2pcs

Optional Accessories

- Electrode holder, 3m
- Helmet

Features

- Synergic, voltage micro-adjustable, inductance adjustable.
- Wire diameter selectable.
- 2T/4T.
- JOB memory.
- Wire ready.
- Gas purge.
- Polarity change.
- Bracket on the side.
- Friendly tool box.
- Wire inching built-in.
- Compatible with 15kg(300mm) wire spool.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 300GD	380V/3P/50-60Hz	MIG: 300A/29V/35% 250A/26.5V/100% MMA: 300A/32V/35% 250A/30V/100%	MIG: 16.8A@300A MMA: 18.5A@300A	MIG: 45-300A/58V MMA: 40-300A/58V/17V(VRD)	995*460*950	60

MIG 300GN LCD

INDUSTRIAL, FULL DIGITAL, SYNERGIC, LCD, COMPACT

- NEW GENERATION, FULL DIGITAL AND LCD DISPLAY MIG MACHINE.



Synergic

Processes

- MIG
- MIG/Synergic
- MIG/Gasless
- MMA
- Lift-TIG

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose clamp

Optional Accessories

- Electrode holder
- Helmet

Features

- Great big LCD display.
- Advanced digital control technology, 64-bit high speed CPU.
- Advanced dual tube inverter technology.
- Built-in expert synergic welding database.
- Dust-Free cooling system, enhance higher Duty Cycle.
- Multi-process: MIG, Synergic MIG, MMA & Lift-TIG.
- Excellent welding performance for iron steel and stainless steel.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 300GN LCD	400V/3P/50-60Hz	MIG: 300A/29V/35% 180A/23V/100% MMA: 300A/32V/25% 180A/27.2V/100% TIG: 300A/22V/35% 180A/17.2V/100%	MIG: 17A@300A MMA: 19A@300A TIG: 14A@300A	MIG: 30-300A/60V MMA: 10-300A/60V TIG: 10-300A/60V	1075*418*795	45

R MIG 350GDL LCD

ROBOT INDUSTRIAL, FULL DIGITAL, FAWS PATENT, LCD, SEPARATED

- FAWS PATENT TECHNOLOGY FROM RILAND.



NEW



Processes

- MIG
- MIG/Synergic
- MIG/FAWS
- MMA

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose clamp

Optional Accessories

- Electrode holder
- Helmet

Features

- Great big LCD display.
- Adopt FAWS technology (Low spatter technology).
- Adapive to work with welding robot.
- Synergic, voltage micro-adjustable, inductance adjustable.
- Wire type selectable.
- Wire diameter selectable.
- Gas type selectable.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 350GDL LCD	400V/3P/50-60Hz	MIG: 350A/31.5V/60% 271A/27.6V/100% MMA: 350A/34V/60% 271A/30.8V/100%	MIG: 22.5A@350A MMA: 23.7A@350A	MIG: 53-350A/58V MMA: 20-350A/58V	466*212*371	22.5



MIG 350GF/500GF

INDUSTRIAL, SEPARATED

- THE PRIORITY SELECTION FOR STEEL CONSTRUCTION & ENGINEERING FABRICATION.



Processes

- MIG
- MIG/Gasless
- MMA

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose clamp, 2pcs

Optional Accessories

- Electrode holder, 3m
- Helmet

Features

- Current, voltage and inductance adjustable.
- Wire diameter selectable.
- Wire type selectable.
- Crater current selectable.
- Gas purge.
- Wire inching on wire feeder.
- Compatible with 15kg(300mm) wire spool.
- Tri-proof air duct design.



For MIG 350GF/500GF



Enclosed Type



MIG 350I/500I/630I

HEAVY INDUSTRIAL, SEPARATED

- THE PRIORITY SELECTION FOR SHIPYARD CONSTRUCTION & ENGINEERING FABRICATION.



Processes

- MIG
- MIG/Gasless
- MMA
- Carbon arc gouge

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose clamp, 2pcs

Optional Accessories

- Electrode holder, 3m
- Helmet

Features

- Current, voltage and inductance adjustable.
- Wire diameter selectable.
- Wire type selectable.
- Crater current selectable.
- Gas purge.
- Wire inching on wire feeder.
- Compatible with 15kg(300mm) wire spool.
- Tri-proof air duct design.



For MIG 350I



For MIG 500I/630I



Enclosed Type



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 350GF	380V/3P/50-60Hz	MIG: 350A/31.5V/40% 250A/26.5V/100% MMA: 350A/34V/35% 220A/28.8V/100%	MIG: 21A@350A MMA: 23A@350A	MIG: 60-350A/60V MMA: 40-350A/60V	508*244*423	24
MIG 500GF	380V/3P/50-60Hz	MIG: 450A/36.5V/40% 355A/31.7V/100% MMA: 450A/38V/40% 355A/34.2V/100%	MIG: 31.2A@450A MMA: 31.8A@450A	MIG: 60-450A/61V MMA: 60-450A/61V	515*262*468	30

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 350I	380V/3P/50-60Hz	MIG: 350A/31.5V/60% 271A/27.6V/100% MMA: 350A/34V/60% 271A/30.8V/100%	MIG: 24.5A@350A	MIG: 60-350A/70V MMA: 40-350A/70V	550*280*545	36
MIG 350I	220V/3P/50-60Hz					
MIG 500I	380V/3P/50-60Hz	MIG: 500A/39V/60% 387A/33.4V/100% MMA: 500A/40V/60% 387A/35.5V/100%	MIG: 38.4A@500A	MIG: 80-500A/72V MMA: 50-500A/72V	670*320*640	42
MIG 630I	380V/3P/50-60Hz	MIG: 630A/44V/60% 487A/38.4V/100% MMA: 630A/44V/60% 487A/39.5V/100%	MIG: 53.2A@630A	MIG: 100-630A/72V MMA: 63-630A/72V	670*320*640	45

H MIG 350DF/MIG 500DF

HEAVY INDUSTRIAL, SYNERGIC, SEPARATED

- THE PRIORITY SELECTION FOR SHIPYARD CONSTRUCTION & HEAVY ENGINEERING FABRICATION.



NEW



Processes

- MIG
- MIG/Synergic
- MIG/Gasless
- MMA

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose clamp

Optional Accessories

- Electrode holder
- Helmet

Features

- Advanced digital control technology, 64-bit high speed CPU. Advanced dual IGBT module inverter technology.
- Built-in expert synergic welding database.
- Dust-Free cooling system, enhance higher Duty Cycle.
- Multi-process: MIG, Synergic MIG & MMA.
- CAN bus communication is used between the wire feeder and power source, to reduce the cable failure rate.
- Capable of communicating with robots, and Job storage and recall (Optional).
- Excellent welding performance for iron steel and stainless steel.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 350DF	380V/3P/50-60Hz	MIG: 350A/31.5V/60% 271A/27.6V/100% MMA: 350A/34V/60% 271A/30.8V/100%	MIG: 22.5A@350A MMA: 23.7A@350A	MIG: 53-350A/58V MMA: 20-350A/58V	555*290*501	25
MIG 500DF	380V/3P/50-60Hz	MIG: 500A/39V/60% 416A/34.8V/100% MMA: 500A/40V/60% 416A/36.6V/100%	MIG: 36A@500A MMA: 36.2A@500A	MIG: 70-500A/76V MMA: 20-500A/76V	645*338*620	42

H MIG 400R

HEAVY INDUSTRIAL, SEPERATED

- UNIQUE APPEARANCE.



Processes

- MIG
- MMA

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose clamp, 2pcs

Optional Accessories

- Electrode holder, 3m
- Extend control cable, 10m
- Helmet

Features

- Air cooled.
- Current, voltage and inductance adjustable.
- 2T/4T.
- Wire diameter selectable.
- Wire type selectable.
- Bracket on the side.
- Friendly tool box.
- Wire inching on wire feeder.
- Compatible with 15kg(300mm) wire spool.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 400R	400V/3P/50-60Hz	MIG: 400A/34V/45% 268A/27.4V/100% MMA: 400A/36V/40% 250A/30V/100%	MIG: 26A@400A MMA: 27.5A@400A	MIG: 50-400A/64V MMA: 50-400A/64V	1010*509*897	66

H MIG 500F

HEAVY INDUSTRIAL, SEPERATED

- UNIQUE APPEARANCE.



Processes

- MIG
- MMA

Package Includes

- Inverter power source
- MIG torch, 3m
- Earth clamp, 3m
- Hose clamp, 2pcs

Optional Accessories

- Electrode holder, 3m
- Extend control cable, 10m
- Helmet

Features

- Water cooled.
- Current, voltage and inductance adjustable.
- 2T/4T.
- Wire diameter selectable.
- Wire type selectable.
- Bracket on the side.
- Friendly tool box.
- Wire inching on wire feeder.
- Compatible with 15kg(300mm) wire spool.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 500F	380V/3P/50-60Hz	MIG: 500A/39V/35% 315A/29.8V/100% MMA: 500A/40V/35% 315A/32.6V/100%	MIG: 37.5A@500A MMA: 38.4A@500A	MIG: 80-500A/75V MMA: 50-500A/75V	900*260*850	78

H MIG 550R LCD

HEAVY INDUSTRIAL, FULL DIGITAL, SYNERGIC, LCD, SEPERATED

- NEW GENERATION, FULL DIGITAL AND LCD DISPLAY MIG MACHINE.



Synergic

Processes

- MIG
- MIG/Synergic
- MIG/Gasless
- MMA
- Lift-TIG

Package Includes

- Inverter power source
- Water cooler
- MIG torch, 3m
- Earth clamp, 3m
- Hose clamp

Optional Accessories

- Electrode holder
- Extend control cable 10m
- Helmet

Features

- Great big LCD display.
- Advanced digital control technology, 64-bit high speed CPU.
- Advanced dual IGBT moduel inverter technology.
- Built-in expert synergic welding database.
- Dust-Free cooling system, enhance higher Duty Cycle.
- Multi-process: MIG, Synergic MIG, MMA & Lift-TIG.
- Excellent welding performance for iron steel and stainless steel.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MIG 550R LCD	400V/3P/50-60Hz	MIG: 550A/41.5V/40% 350A/31.5V/100% MMA: 550A/42V/40% 350A/34V/100% TIG: 550A/32V/40% 350A/24V/100%	MIG: 44A@550A MMA: 45A@550A TIG: 35A@550A	MIG: 30-550A/84V MMA: 10-550A/84V TIG: 10-550A/84V	1010*509*897	66

TITANS 400/500/600D/DP

LET YOUR WELDING BECOME EASIER

- NEW GENERATION, FULL DIGITAL AND FULLY FUNCTION PULSE MIG MACHINE.



Processes

- MIG/Synergic
- MIG/Pulse
- MIG/Gasless
- Lift-TIG
- MMA
- Carbon arc gouge
- Remote control
- Automation interface

Features

- Full digital double pulse MIG machine can weld various plate such as aluminum alloy, copper alloy, stainless steel and so on.
- Multi-process include MIG/MAG, Lift TIG, MMA and carbon gouge.
- Double pulse MIG commit to perfect aluminum welding.
- Built-in expert data, synerge adjustment, fine droplet transfer.
- Module design idea make welding machine concise and flexible by your own demand.

Package Includes

- Interconnecting control cable
- Welding torch
- Earth clamp
- Rolls

Optional Accessories

- Push-pull MIG welding torch
- Digital MIG welding torch
- TIG Torch
- Wire Feeder Wheel Set
- Welding Torch Bracket
- Electrode holder
- Storage box
- Remote control box
- Multi-voltage transformer
- Off road trolley
- External welding tractor



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
TITANS 400D/DP	380V-460V/3P/50-60Hz	MIG: 400A/34V/100% TIG: 400A/26V/100% MMA: 400A/36V/100% Gouging: 400A/36V/100%	380V,27A@400A 460V,22.5A@400A	380V,MIG: 18-400A/76.3V TIG: 5-400A/7.5V(VRD) MMA: 20-400A/76.3V/7.5V(VRD) Gouging: 120A-400A/76.3V 460V,MIG: 18-400A/92.2V TIG: 5-400A/7.5V(VRD) MMA: 20-400A/92.2V/7.5V(VRD) Gouging: 120A-400A/92.2V	770*340*505	56
TITANS 500D/DP	380V-460V/3P/50-60Hz	MIG: 500A/39V/60% 400A/34V/100% TIG: 500A/30V/60% 400A/26V/100% MMA: 500A/40V/60% 400A/36V/100% Gouging: 500A/40V/60% 400A/36V/100%	380V,38A@500A 460V,31.5A@500A	380V,MIG: 18-500A/76.3V TIG: 5-500A/7.5V(VRD) MMA: 20-500A/76.3V/7.5V(VRD) Gouging: 120A-500A/76.3V 460V,MIG: 18-500A/92.2V TIG: 5-500A/7.5V(VRD) MMA: 20-500A/92.2V/7.5V(VRD) Gouging: 120A-500A/92.2V	770*340*505	56
TITANS 600D/DP	380V-460V/3P/50-60Hz	MIG: 600A/44V/40% 400A/34V/100% TIG: 600A/34V/40% 400A/26V/100% MMA: 600A/44V/40% 400A/36V/100% Gouging: 600A/44V/40% 400A/36V/100%	380V,49.5A@600A 460V,41A@600A	380V,MIG: 18-600A/76.3V TIG: 5-600A/7.5V(VRD) MMA: 20-600A/76.3V/7.5V(VRD) Gouging: 120A-600A/76.3V 460V,MIG: 18-600A/92.2V TIG: 5-600A/7.5V(VRD) MMA: 20-600A/92.2V/7.5V(VRD) Gouging: 120A-600A/92.2V	770*340*505	56

TIG 200SE/200S

LIGHT INDUSTRIAL, CLASSICAL, DC

- DEVOTED IN WELDING STAINLESS STEEL.



Processes

- DC TIG

Package Includes

- Inverter power source
- TIG torch, 4m
- Earth clamp, 3m
- Tungsten electrode, cerium-tungsten



Optional Accessories

- Welding cart
- Helmet

Features

- Post-flow selectable.
- The success rate of arc striking is up to more than 99%.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
TIG 200SE	220V/1P/50-60Hz	160A/16.4V/35% 94A/13.8V/100%	20.4A@160A	10-160A/40V	395*153*301	8
TIG 200S	220V/1P/50-60Hz	200A/18V/30% 140A/15.6V/100%	24.3A@200A	10-200A/44V	395*153*301	8

TIG 200CE/250CE

LIGHT INDUSTRIAL, CLASSICAL, DC

- DEVOTED IN WELDING STAINLESS STEEL.



Processes

- DC TIG

Package Includes

- Inverter power source
- TIG torch, 4m
- Earth clamp, 3m
- Tungsten electrode, cerium-tungsten



Optional Accessories

- Welding cart
- Helmet

Features

- New technology to maximizing thermal dissipation with 4 separated heat sinks.
- Post-flow adjustable.
- The success rate of arc striking is up to more than 99%.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
TIG 200CE	220V/1P/50-60Hz	190A/17.6V/30% 160A/16.4V/100%	26A@190A	10-190A/45V	402*160*300	6.5
TIG 250CE	220V/1P/50-60Hz	220A/18.8V/25% 170A/16.8V/100%	31.5A@220A	10-220A/45V	402*160*300	6.5

TIG 200CT/200CS/250CT

LIGHT INDUSTRIAL, CLASSICAL, DC

- DEVOTED IN WELDING STAINLESS STEEL.



Processes

- DC TIG
- MMA

Package Includes

- Inverter power source
- TIG torch, 4m
- Earth clamp, 3m
- Tungsten electrode, cerium-tungsten

Optional Accessories

- Electrode holder, 3m
- Welding cart
- Helmet



Features

- New technology to maximizing thermal dissipation with 4 separated heat sinks.
- Post-flow adjustable.
- The success rate of arc striking is up to more than 99%.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
TIG 200CT	220V/1P/50-60Hz	TIG: 180A/17.2V/30% 150A/16V/100% MMA: 155A/26.2V/40% 130A/25.2V/100%	TIG: 26A@180A MMA: 31.2A@155A	TIG: 10-180A/58V/16.5V(VRD) MMA: 10-155A/58V/16.5V(VRD)	402*160*300	6.5
TIG 200CS	110V/1P/50-60Hz 220V/1P/50-60Hz	110V: TIG: 110A/14.4V/30% 70A/12.8V/100% MMA: 110A/24.4V/30% 70A/22.8V/100% 220V: TIG: 180A/17.2V/30% 145A/15.8V/100% MMA: 155A/26.2V/30% 125A/25V/100%	110V:TIG: 21.2A@110A MMA: 37A@110A 220V:TIG:25A@180A MMA:30A@155A	110V:TIG: 10-110A/95V MMA: 10-110A/95V 220V:TIG:10-180A/95V MMA:10-155A/95V	365*172*320	7.5
TIG 250CT	220V/1P/50-60Hz	TIG: 230A/19.2V/30% 190A/17.6V/100% MMA: 190A/27.6V/40% 170A/26.8V/100%	TIG: 35.5A@230A MMA: 38.5A@190A	TIG: 10-230A/64.5V/15.5V(VRD) MMA: 10-190A/64.5V/15.5V(VRD)	402*160*300	7.5

TIG 200PGDM/250PGDM

LIGHT INDUSTRIAL, FULL DIGITAL, DC, PULSE, COLD TIG

- NEW GENERATION, FULL DIGITAL AND FULLY FUNCTIONAL TIG MACHINE.



Processes

- DC TIG
- Pulse TIG
- Cold TIG(TIG 250PGDM)
- MMA(TIG 200PGDM)

Package Includes

- Inverter power source
- TIG torch, 4m
- Earth clamp, 3m
- Tungsten electrode, cerium-tungsten



Optional Accessories

- Electrode holder
- Welding cart
- Helmet

Features

- CPU built-in.
- Pulse frequency and pulse width adjustable.
- 2T/4T/Spot welding.
- Pre-flow and post-flow adjustable.
- Up-slope and down-slope adjustable.
- Background current adjustable.
- Start current and crater current adjustable.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
TIG 200PGDM	230V/1P/50-60Hz	TIG: 200A/18V/25% 100A/14V/100% MMA: 160A/26.4V/30% 90A/23.6V/100%	29.2A@200A	TIG: 15-200A/56V MMA: 30-160A/56V/17V(VRD)	315*135*250	5.6
TIG 250PGDM	220V/1P/50-60Hz	200A/18V/25% 100/14V/100%	28A@200A	15-200A/56V	315*135*250	5.6

P TIG 200DC PULSE LCD

PULSE/200AC/DC PULSELIGHT INDUSTRIAL, FULL DIGITAL, DC, PULSE, LCD

- NEW GENERATION, FULL DIGITAL AND FULLY FUNCTIONAL LCD TIG MACHINE.



Processes

- DC TIG
- Pulse TIG
- MMA

Package Includes

- Inverter power source
- TIG torch, 4m
- Earth clamp, 3m
- Tungsten electrode



Optional Accessories

- Electrode holder
- Welding cart
- Helmet

Features

- CPU built-in.
- LCD display.
- Pulse frequency and pulse width adjustable.
- 2T/4T/Spot welding.
- Pre-flow and post-flow adjustable.
- Up-slope and down-slope adjustable.
- Background current adjustable.
- Start current and crater current adjustable.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
TIG 200DC PULSE LCD	230V/1P/50-60Hz	TIG: 200A/18V/25% 100A/14V/100% MMA: 160A/26.4V/25% 90A/23.6V/100%	29.2A@200A	TIG: 5-200A/56V MMA: 10-160A/56V/17V(VRD)	365*172*320	7.5

TIG 200PAC/DC GDM TIG 200AC/DC PULSE LCD

LIGHT INDUSTRIAL, FULL DIGITAL, AC/DC, PULSE, LCD

- NEW GENERATION, FULL DIGITAL AND FULLY FUNCTIONAL LCD TIG MACHINE.



Processes

- DC TIG
- AC TIG
- Pulse TIG
- MMA
- Remote control

Package Includes

- Inverter power source
- TIG torch, 4m
- Earth clamp, 3m
- Tungsten electrode

Optional Accessories

- Digital TIG torch, 4m
- Electrode holder, 3m
- Welding cart
- Helmet
- Foot control pedal

Features

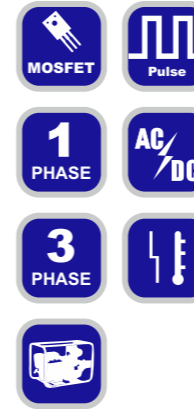
- CPU built-in.
- LCD display.
- Pulse frequency and pulse width adjustable.
- AC balance and AC frequency adjustable.
- 2T/4T/Spot welding.
- Pre-flow and post-flow adjustable.
- Up-slope and down-slope adjustable.
- Background current adjustable.
- Start current and crater current adjustable.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
TIG 200PAC/DC GDM	220V/1P/50-60Hz	TIG: 180A/17.2V/25% 90A/13.6V/100% MMA: 160/26.4V/25% 80A/23.2V/100%	TIG: 26.8A@180A MMA: 31.2A@160A	TIG: 15-180A/58V MMA: 20-160A/58V/19V(VRD)	315*135*250	6.25
TIG 200AC/DC PULSE LCD	230V/1P/50-60Hz	DC TIG: 180A/17.2V/20% 80A/13.2V/100% AC TIG: 200A/18V/25% 90A/13.6V/100% MMA: 160A/26.4V/25% 80A/23.2V/100%	DC TIG:23A@180A AC TIG:27A@200A MMA:32A@160A	DC TIG: 5-180A/58V AC TIG: 5-200A/58V MMA: 10-160A/58V/19V(VRD)	365*172*320	7.5

TIG 200PAC/DC&250PAC/DC&315PAC/DC INDUSTRIAL, CLASSICAL, AC/DC, PULSE

- FULL FUNCTION AND ALSO EXPERT IN WELDING ALUMINUM.



Processes

- DC TIG
- AC TIG
- Pulse TIG
- MMA
- Remote control

Package Includes

- Inverter power source
- TIG torch, 4m
- Earth clamp, 3m
- Tungsten electrode, cerium-tungsten

Optional Accessories

- Electrode holder, 3m
- Foot control pedal
- Helmet



Features

- AC/DC selectable.
- Pulse frequency and pulse width adjustable.
- AC balance adjustable.
- 2T/4T.
- Post-flow adjustable.
- Down-slope adjustable.
- Start current and crater current adjustable.
- Tri-proof air duct design.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
TIG 200PAC/DC	220V/1P/50-60Hz	TIG: 190A/17.6V/30% 104A/14.2V/100% MMA: 150A/26V/30% 82A/23.3V/100%	TIG: 30A@190A MMA: 30A@150A	TIG: 10-190A/45V MMA: 10-150A/45V	476*340*402	20
TIG 250PAC/DC	220V/1P/50-60Hz	TIG: 210A/18.4V/30% 150A/16V/100% MMA: 160A/26.4V/30% 120A/24.8V/100%	TIG: 36.5A@210A MMA: 35.4A@160A	TIG: 10-210A/96V(AC)/68V(DC) MMA: 10-160A/60V	476*340*402	20
TIG 315PAC/DC	380V/3P/50-60Hz	TIG: 300A/22V/20% 230A/19.2V/100% MMA: 240A/29.6V/60% 220A/28.8V/100%	TIG: 17.2A@300A MMA: 15.5A@240A	TIG: 12-300A/62V MMA: 15-240A/62V	609*332*622	38

TIG 300SE/300S

INDUSTRIAL, CLASSICAL, DC

• DEVOTED IN WELDING STAINLESS STEEL.



NEW



Processes

- DC TIG

Package Includes

- Inverter power source
- TIG torch, 4m
- Earth clamp, 3m
- Tungsten electrode, cerium-tungsten



Optional Accessories

- Helmet

Features

- New technology to maximizing thermal dissipation with 4 separated heat sinks.
- 2T/4T.
- Post-flow adjustable.
- Up-slope and down-slope adjustable.
- The success rate of arc striking is up to more than 99%.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
TIG 300SE	380V/3P/50-60Hz	250A/20V/25% 150A/16V/100%	11A@250A	10-250A/47V	402*160*300	6.5
TIG 300S	380V/3P/50-60Hz	300A/22V/30% 200/18V/100%	17A@300A	15-300A/68V	472*203*357	12

TIG 300A

INDUSTRIAL, CLASSICAL, DC

• DEVOTED IN WELDING STAINLESS STEEL.



NEW



Processes

- DC TIG
- MMA

Package Includes

- Inverter power source
- TIG torch, 4m
- Earth clamp, 3m
- Tungsten electrode, cerium-tungsten



Optional Accessories

- Electrode holder, 3m
- Helmet

Features

- New technology to maximizing thermal dissipation with 4 separated heat sinks.
- 2T/4T.
- Post-flow adjustable.
- Up-slope and down-slope adjustable.
- Arc force adjustable.
- The success rate of arc striking is up to more than 99%.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
TIG 300A	380V/3P/50-60Hz	TIG: 300A/22V/30% 200A/18V/100% MMA: 250A/30V/30% 160A/26.4V/100%	TIG: 17A@300A MMA: 17A@250A	TIG: 15-300A/68V MMA: 15-250A/68V	472*203*357	12
TIG 300A	220V/1P/50-60Hz	TIG: 300A/22V/30% 164A/16.5V/100% MMA: 230A/29.2V/30% 125A/25V/100%	TIG: 52A@300A MMA: 49A@230A	TIG: 10-300A/15V MMA: 20-230A/60V	472*203*357	12.5

TIG 400GT

HEAVY INDUSTRIAL, CLASSICAL, DC

• THE PRIORITY SELECTION FOR PIP LIME ENGINEERING AND PRESSURE VESSEL FIELD.



Processes

- DC TIG
- MMA

Package Includes

- Inverter power source
- TIG torch, 4m
- Earth clamp, 3m
- Tungsten electrode, cerium-tungsten



Optional Accessories

- Electrode holder, 3m
- Water cooler
- Helmet

Features

- Post-gas adjustable.
- Up-slope and down-slope adjustable.
- Arc force adjustable.
- Tri-proof air duct design.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
TIG 400GT	380V/3P/50-60Hz	TIG: 400A/26V/40% 310A/22.4V/100% MMA: 380A/35.2V/40% 253A/30.1V/100%	TIG: 22A@400A MMA: 26.6A@380A	TIG: 10-400A/60V MMA: 10-380A/60V	508*244*423	25

TIG 315PG/400PIJ/500PIJ

HEAVY INDUSTRIAL, CLASSICAL, DC, PULSE

• GOOD HAND IN WELDING HEAT CONTROL.



Processes

- DC TIG
- Pulse TIG
- MMA
- Remote control

Package Includes

- Inverter power source
- TIG torch, 4m
- Earth clamp, 3m
- Tungsten electrode, cerium-tungsten



Optional Accessories

- Electrode holder, 3m
- Water cooler
- Foot control pedal
- Helmet

Features

- Pulse frequency and pulse width adjustable.
- 2T/4T/REP.
- Post-flow adjustable.
- Up-slope and down-slope adjustable.
- Peak current and background current adjustable.
- Start current and crater current adjustable.
- Tri-proof air duct design.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
TIG 315PG	380V/3P/50-60Hz	TIG: 315A/22.6V/40% 244A/19.8V/100% MMA: 245A/29.8V/40% 190A/27.6V/100%	TIG: 15.5A@315A MMA: 15A@245A	TIG: 15-315A/59V MMA: 15-245A/59V	485*234*425	20
TIG 400PIJ	380V/3P/50-60Hz	TIG: 400A/26V/60% 310A/22.4V/100% MMA: 400A/36V/40% 310A/32.4V/100%	TIG: 25.3A@400A	TIG: 10-400A/80V MMA: 20-400A/80V	550*280*545	34
TIG 500PIJ	380V/3P/50-60Hz	TIG: 500A/30V/40% 380A/25.2V/100% MMA: 400A/36V/40% 310A/32.4V/100%	TIG: 30A@500A MMA: 25A@400A	TIG: 25-500A/59.3V MMA: 25-400A/59.3V	600*318*645	42

TIG 400PAC/DC

INDUSTRIAL, CLASSICAL, AC/DC, PULSE, DIGITAL

- INDUSTRIAL, CLASSICAL, AC/DC, PULSE, DIGITAL



Processes

- DC TIG
- AC TIG
- Pulse TIG
- MMA
- Remote control

Package Includes

- Inverter power source
- TIG torch, 4m
- Earth clamp, 3m
- Tungsten electrode, cerium-tungsten



Optional Accessories

- Electrode holder, 3m
- Foot control pedal
- Helmet

Features

- AC/DC selectable.
- Pulse frequency and pulse width adjustable.
- AC balance adjustable.
- 2T/4T.
- Post-flow adjustable.
- Down-slope adjustable.
- Start current and crater current adjustable.
- Tri-proof air duct design.
- Digital control panel.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
TIG 400PAC/DC	380V/3P/50-60Hz	TIG: 400A/26V/40% 253A/20.1V/100% MMA: 310A/32.4V/60% 240A/29.6V/100%	TIG: 20.8A@400A MMA: 20.1A@240A	TIG: 12-400A/60V MMA: 15-240A/60V	670*320*640	40

TIG 400PAC/DC&500PAC/DC

HEAVY INDUSTRIAL, CLASSICAL, AC/DC, PULSE

- THE PRIORITY SELECTION FOR MEDIUM AND HEAVY PLATE.



Processes

- DC TIG
- AC TIG
- Pulse TIG
- MMA
- Remote control

Package Includes

- Inverter power source
- TIG torch, 4m
- Earth clamp, 3m
- Tungsten electrode, cerium-tungsten



Optional Accessories

- Electrode holder, 3m
- Water cooler
- Foot control pedal
- Helmet

Features

- AC/DC selectable.
- Pulse frequency and pulse width adjustable.
- AC balance adjustable.
- 2T/4T/REP.
- Post-flow adjustable.
- Up-slope and down-slope adjustable.
- Peak current and background current adjustable.
- Start current and crater current adjustable.
- Tri-proof air duct design.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
TIG 400PACDC	380V/3P/50-60Hz	TIG: 400A/26V/60% 320A/22.8V/100% MMA: 320A/32.8V/60% 280A/31.2V/100%	TIG: 25.6A@400A	TIG: 20-400A/72V MMA: 20-320A/72V	692*343*710	57.5
TIG 500PACDC	380V/3P/50-60Hz	TIG: 500A/30V/60% 400A/26V/100% MMA: 340A/33.6V/60% 300A/32V/100%	TIG: 33.9A@500A	TIG: 20-500A/66.5V MMA: 20-340A/66.5V	760*380*820	79.5

CUT 35GDW/PLASMA 45PFC

LIGHT INDUSTRIAL, DUAL VOLTAGE, PFC, WITHOUT HF

- FOCUS ON CUTTING THIN PLATE.



NEW



Processes

- CUT

Package Includes

- Earth clamp, 10 ft.(3m)
- Air filter Hose, 10 ft.(3m)

Optional Accessories

- Helmet



Features

- Non-HF, contact arc striking.
- PFC function.
- Wide input voltage from 85V-265V.
- Able to grid cutting.
- Compact and portable.
- Clean cuts to 12mm.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
CUT 35GDW	115V/1P/50-60Hz 230V/1P/50-60Hz	115V:25A/90V/30% 15A/86V/100% 230V:35A/94V/30% 19A/87.6V/100%	115V:23A@25A 230V:20A@35A	115V:15-25A/200V 230V:15-35A/200V	315*135*250	5.5
PLASMA 45PFC	115V/1P/50-60Hz 230V/1P/50-60Hz	115V:25A/90V/30% 15A/86V/100% 230V:40A/96V/30% 19A/87.6V/100%	115V:23A@25A 230V:21A@40A	115V:15-25A/200V 230V:15-40A/200V	365*172*320	8

CUT 40CT/40CS/60CT

LIGHT INDUSTRIAL, HF, CLASSICAL

- FOCUS ON CUTTING THIN PLATE.



HOT



Processes

- CUT

Package Includes

- Inverter power source
- CUT torch, 5m
- Earth clamp, 3m
- Air filter
- Hose, 3m



Optional Accessories

- Helmet

Features

- New technology to maximizing thermal dissipation with 4 separated heat sinks.
- Quality cut up to 6mm thickness carbon steel, max cut up to 12mm and 16mm thickness carbon steel.
- Post-flow adjustable.
- Easy arc ignition with high frequency.
- Smooth and neat cutting surface.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
CUT 40CT	220V/1P/50-60Hz	40A/96V/30% 30A/92V/100%	30A@40A	15-40A/275V	402*160*300	7.3
CUT 40CS	110V/1P/50-60Hz 220V/1P/50-60Hz	110V:20A/88V/30% 15A/86V/100% 220V:40A/96V/30% 30A/92V/100%	110V:25.5A@20A 220V:30A@40A	110V:10-20A/240V 220V:15-40A/240V	402*160*300	7.5
CUT 60CT	220V/1P/50-60Hz	55A/102V/30% 35A/94V/100%	41.5A@55A	20-55A/300V	402*160*300	8

CUT 40N

LIGHT INDUSTRIAL, IGBT, HF

- COMPRESSOR INSIDE.



NEW



Processes

- CUT

Package Includes

- Inverter power source
- CUT torch, 5m
- Earth clamp, 3m
- Air filter
- Hose, 3m



Optional Accessories

- Helmet

Features

- Compressor inside.
- Quality cut up to 6mm thickness carbon steel, max cut up to 10mm thickness carbon steel.
- Easy arc ignition with high frequency.
- Smooth and neat cutting surface.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
CUT 40N	220V/1P/50-60Hz	40A/96V/30% 30A/92V/100%	30A@40A	15-40A/275V	420*280*270	21

CUT 60C

LIGHT INDUSTRIAL, HF, CLASSICAL

- THE PRIORITY SELECTION FOR GENERAL INDUSTRIAL DEMAND.



NEW



Processes

- CUT

Package Includes

- Inverter power source
- CUT torch, 5m
- Earth clamp, 3m
- Air filter
- Hose, 3m



Optional Accessories

- Helmet

Features

- New technology to maximizing thermal dissipation with 4 separated heat sinks.
- Quality cut up to 10mm thickness carbon steel, max cut up to 16mm thickness carbon steel.
- Post-flow adjustable.
- Easy arc ignition with high frequency.
- Smooth and neat cutting surface.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
CUT 60C	380V/3P/50-60Hz	60A/104V/40% 40A/96V/100%	16A@60A	20-60A/255V	472*203*357	14

CUT 60P

INDUSTRIAL, HF, CLASSICAL

- FOCUS ON CUTTING MEDIUM AND HEAVY PLATE.



NEW



Processes

- CUT

Package Includes

- Inverter power source
- CUT torch, 5m
- Earth clamp, 3m
- Air filter
- Hose, 3m



Optional Accessories

- Helmet

Features

- Quality cut up to 10mm thickness carbon steel, max cut up to 16mm thickness carbon steel.
- Easy arc ignition with high frequency.
- Smooth and neat cutting surface.
- Tri-proof air duct design.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
CUT 60P	220V/1P/50-60Hz	60A/104V/40% 40A/96V/100%	48.5A@60A	20-60A/240V	472*203*357	14

CUT 80GT/100GT

INDUSTRIAL, HF, CNC

- CNC LEADS TO TECHNOLOGICAL INNOVATION.



HOT



CNC

Processes

- CUT
- CNC

Package Includes

- Inverter power source
- CUT torch, 5m
- Earth clamp, 3m
- Air filter
- Hose, 3m



Optional Accessories

- Helmet

Features

- Able to connect to CNC automatic equipment.
- Quality cut up to 15/20mm thickness carbon steel, max cut up to 25/30mm thickness carbon steel.
- 2T/4T.
- Gas purge.
- Gas pressure meter.
- Post-flow adjustable.
- Easy arc ignition with high frequency.
- Smooth and neat cutting surface.
- Tri-proof air duct design.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
CUT 80GT	380V/3P/50-60Hz	80A/112V/40% 46A/98.4V/100%	17.6A@80A	20-80A/300V	508*244*423	21.7
CUT 100GT	380V/3P/50-60Hz	100A/120V/40% 70A/108V/100%	23A@100A	20-100A/300V	526*272*468	25.6

CUT 100N

INDUSTRIAL, IGBT, HF

- COMPRESSOR INSIDE.



NEW



Processes

- CUT

Package Includes

- Inverter power source
- CUT torch, 5m
- Earth clamp, 3m

Optional Accessories

- Air filter
- Hose, 3m
- Helmet

Features

- Compressor inside.
- Quality cut up to 15mm thickness carbon steel, max. cut up to 25mm thickness carbon steel.
- 2T/4T.
- Gas purge.
- Post-flow adjustable.
- Easy arc ignition with HF.
- Smooth and neat cutting surface.
- Tri-proof air duct design.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
CUT 100N	380V/3P/50-60Hz	100A/120V/40% 70A/108V/100%	23A@100A	20-100A/300V	670*320*640	52

CUT 100I/CUT 125I/CUT 165I

HEAVY INDUSTRIAL, IGBT MODULE, HF, CLASSICAL

- THE SHARP WEAPON FOR HEAVY PLATE.



NEW



Processes

- CUT
- Plasma arc gouge
- CNC

Package Includes

- Inverter power source
- CUT torch, 5m
- Earth clamp, 3m
- Air filter
- Hose, 3m

Optional Accessories

- Helmet
- Plasma arc gouge torch

Features

- Quality cut up to 20/30mm thickness carbon steel, max. cut up to 30/45mm thickness carbon steel.
- Plasma arc gouge.
- 2T/4T.
- Gas purge.
- Post-flow adjustable.
- Easy arc ignition with HF.
- Smooth and neat cutting surface.
- Tri-proof air duct design.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
CUT 100I	380V/3P/50-60Hz	100A/120V/100%	25A@100A	25-100A/295V	550*280*545	34
CUT 125I	380V/3P/50-60Hz	120A/128V/60% 100A/120V/100%	32A@120A	30-120A/295V	550*280*545	34
CUT 165I	380V/3P/50-60Hz	160A/144V/60% 125A/130V/100%	49A@160A	40-160A/370V	670*320*640	45

MZ 630HD/1000D

HEAVY INDUSTRIAL, FULL DIGITAL, AUTOMATIC, EFFICIENT

- 100% DUTY CYCLE AT 630A WITH FULL DIGITAL TECHNOLOGY.



NEW



Processes

- CC SAW
- CV SAW
- Carbon arc gouge
- MMA

Package Includes

- Inverter power source
- Track
- Welding cable, 10m
- Earth clamp, 6m
- Control cable, 10m
- Welding carriage/tractor

Optional Accessories

- Carbon arc gouge torch
- Helmet

Features

- 100% duty cycle at 630A/1000A.
- CPU built-in.
- Equip auto start interface to special machine.
- Analog keys and rotary knobs for convenient operation.
- Intelligent energy-saving mode as the machine stop working for more than 5 minutes.
- Unique control circuit to balance two side's output current and voltage.
- Contact pad stop functions to stop auto wire feeding when arrive at designated position.
- Startup protection circuit in case of inrush current.
- Tri-proof air duct design.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MZ 630HD	380V-460V/3P/50-60Hz	SAW: 630A/44V/100% Gouging/MMA: 630A/44V/100%	380V:51.2A@630A 460V:43.6A@630A	380V:SAW:160-630A/75V Gouging/MMA:100-630A/75V 460V:SAW:160-630A/91V Gouging/MMA:100-630A/91V	825*451*1040	123.3
MZ 1000D	380V-460V/3P/50-60Hz	SAW: 1000A/44V/60% 800A/44V/100% Gouging/MMA: 1000A/44V/40% 800A/44V/100%	380V:78.9A@1000A 460V:69.1A@1000A	380V:SAW:250-1000A/75V Gouging/MMA:100-1000A/75V 460V:SAW:250-1000A/91V Gouging/MMA:100-1000A/91V	760*380*800	84.7

MZ 1000HD/1250HD

HEAVY INDUSTRIAL, FULL DIGITAL, AUTOMATIC, EFFICIENT

- 100% DUTY CYCLE AT 1000A WITH FULL DIGITAL TECHNOLOGY.



NEW



Processes

- CC SAW
- CV SAW
- Carbon arc gouge
- MMA

Package Includes

- Inverter power source
- Track
- Welding cable, 10m
- Earth clamp, 6m
- Control cable, 10m
- Welding carriage/tractor

Optional Accessories

- Carbon arc gouge torch
- Helmet

Features

- 100% duty cycle at 1000A.
- CPU built-in.
- Equip auto start interface to special machine.
- Analog keys and rotary knobs for convenient operation.
- Intelligent energy-saving mode as the machine stop working for more than 5 minutes.
- Unique control circuit to balance two side's output current and voltage.
- Contact pad stop functions to stop auto wire feeding when arrive at designated position.
- Startup protection circuit in case of inrush current.
- Tri-proof air duct design.



Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MZ 1000HD	380V-460V/3P/50-60Hz	SAW: 1000A/44V/100% Gouging/MMA: 1000A/44V/100%	380V:77.4A@1000A 460V:64A@1000A	380V:SAW:250-1000A/76.2V Gouging/MMA:100-1000A/76.2V 460V:SAW:250-1000A/92.3V Gouging/MMA:100-1000A/92.3V	825*451*1040	123.3
MZ 1250HD	380V-460V/3P/50-60Hz	SAW: 1250A/44V/100% Gouging/MMA: 1250A/44V/100%	380V:99.9A@1250A 460V:82.6A@1250A	380V:SAW:250-1250A/76.2V Gouging/MMA:100-1250A/76.2V 460V:SAW:250-1250A/92.3V Gouging/MMA:100-1250A/92.3V	825*451*1040	123.3

CT 416

LIGHT INDUSTRIAL, MULTI-PROCESS

- THE MULTIPROCESS OF MMA/TIG/CUT MACHINE.



NEW



Processes

- MMA
- TIG
- CUT

Package Includes

- Inverter power source
- Electrode holder, 3m
- Earth clamp, 3m
- TIG torch, 4m
- CUT torch, 5m
- Hose, 3m
- Hose clamp, 2pcs
- Tungsten electrode
- Air filter



Optional Accessories

- Welding cart
- Helmet

Features

- Post-flow adjustable.
- Self-adaptive Arc force and Hot start built-in, Anti-sticking.
- Quality cut up to 5mm thickness carbon steel, max cut up to 10mm thickness carbon steel.

Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
CT 416	220V/1P/50-60Hz	CUT: 40A/96V/30% 30A/92V/100% TIG: 180A/17.2V/30% 150A/16V/100% MMA: 160A/26.4V/30% 135A/25.4V/100%	CUT:30.4A@40A TIG:26A@180A MMA:33.1A@160A	CUT: 20-40A/258V TIG: 10-180A/58V MMA: 10-160A/58V	402*160*300	7.4

SW 2500

INDUSTRIAL, DEDICATED

- CAPACITOR DISCHARGE TYPE STUD WELDING MACHINE.



Processes

- Stud

Package Includes

- Stud torch, 4m
- Earth clamp, 6m



Optional Accessories

- Helmet

Features

- SCR rectification technology.
- Compatible with M3-M10 studs, bolts and so on.
- Self-detection system to enhance the reliability of machine.
- Firm joint welding contribute to no deformation, no bulge and no discoloration.
- Ferrule or gas shield is NOT required.

Model	Input Voltage/Phase/Frequency	Charge voltage	Capacitor capacity	Welding energy	Welding speed	Welding time	Welding range	Dimension (mm)	Weight (kg)
SW 2500	220V/1P/50-60Hz	10-200V	99000uF	2500W	10-20 pieces/min	1-3ms	M3-M10	355*355*155	13.5

Welding Cart

Lightweight welding cart stores and transports welder, with a sturdy fixed handle and convenient cable wrap hanger, and provides shielding gas bottle platform.



Helmet



Flow Gauge Regulator



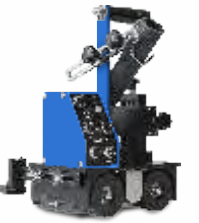
Foot Control Pedal



Push-pull Mig Welding Torch
Digital Mig Welding Torch



RL-8S
welding tractor



Remote Control Box



Welding Cart



Electrode holder



Tig Torch



Spool Gun



Kit Case



Rolls



Brush



Spool Expansion Device



Plastic Wire Cover Kit
Plastic enclosure for 15-20kg wire packages.

