



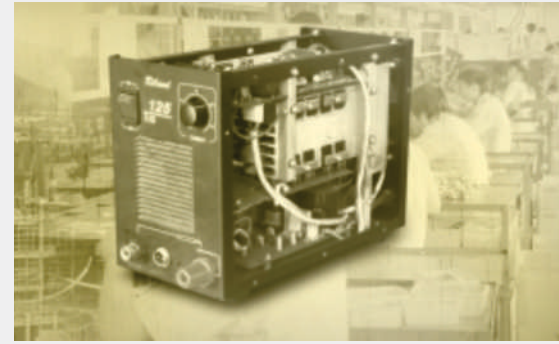
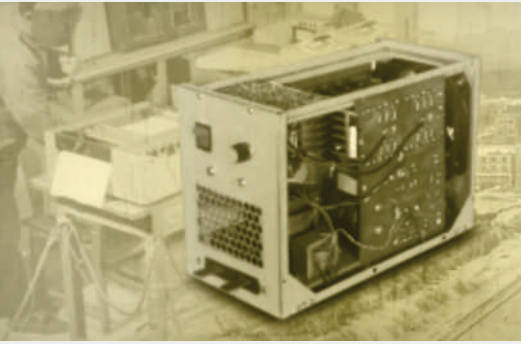
RILAND



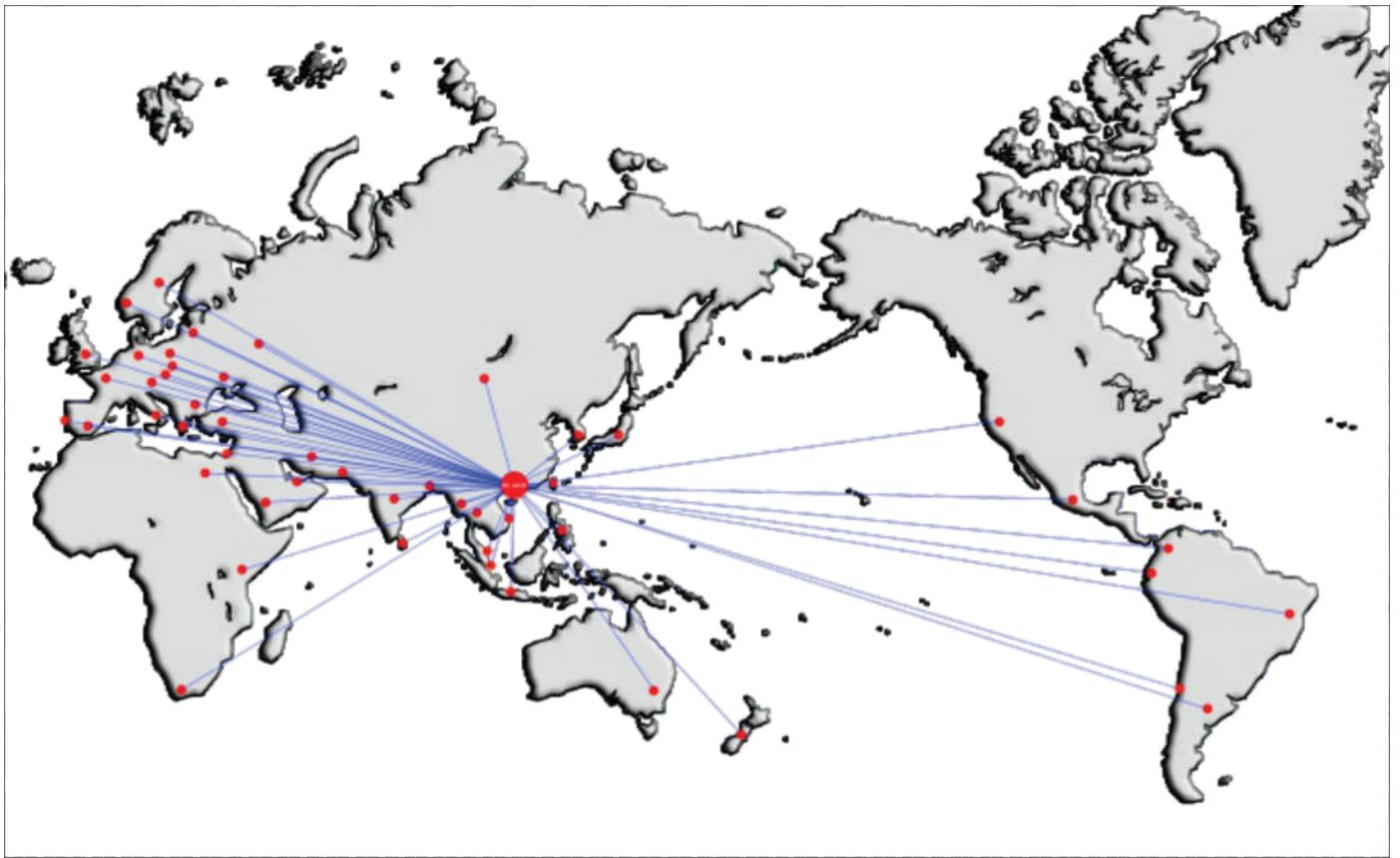
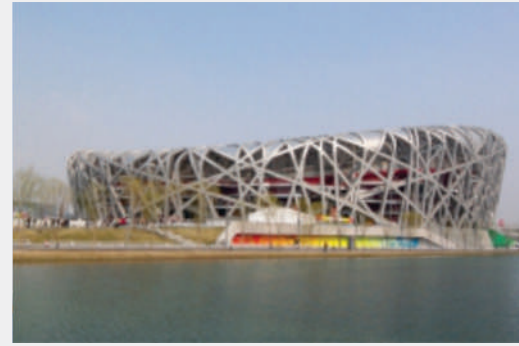
Pinnacle
Welding & Safety Shop **Online**






www.pinnacleonline.co.za

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.



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?



ARC 200GE

- **Powerful Output:** Non-stop welding 3.2mm electrode, even welding 7pcs 5.0mm 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.

MMA 202GDM

- **Full Function:** Arc Force, Hot Start, the time of Hot Start, electrode type all are adjustable or selectable.
- **Easy Operation:** All function act via a knob that greatly simplify operation.
- **Cellulosic:** Excellent performance with cellulosic electrode.



MIG 180GDM

- **Synergic:** Synergic technology not only keep powerful function, but also easy the using especially for new hand.
- **Multi Process:** MIG/CO2, MIG/MIX, MIG/Gasless, MMA, Lift-TIG.
- **Portable:** The whole machine is compact and light of 8Kg, have access to 1Kg/5Kg spool, even 15Kg spool(with extra tool).

TIG 200PAC/DC GDM

- **Digital:** New generation of digital machine that enrich the function and simplify operation.
- **Multi Process:** DC TIG, AC TIG, Pulse TIG, MMA.
- **Portable:** The whole machine is compact and light of 6.5Kg.



CUT 100GT

- **CNC:** CNC leads to technological innovation.
- **Abundant function:** 2T/4T, gas purge, gas pressure meter, post-gas adjustable.
- **Excellent Cutting Capacity:** Flash cutting for 20mm thickness carbon steel, recommend for 30mm thickness carbon steel.

ADP Welding Helmet



X701B



X9000



X501

MMA 160GDM

LIGHT INDUSTRIAL, FULL DIGITAL

• **UNIQUE APPEARANCE.**



Processes

- MMA
- Lift-TIG

Package Includes

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

Optional Accessories

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

Features

- MCU 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)
MMA 160GDM	230V/1P/50-60Hz	MMA: 160A/26.4V/20% 90A/23.6V/100% TIG: 160A/16.4V/25% 100A/14V/100%	MMA: 35.5A@160A TIG: 25.2A@160A	MMA: 10-160A/62V TIG: 10-160A/16V	288*136*234	4.8

MMA 202GDM

LIGHT INDUSTRIAL, FULL DIGITAL, CELLULOSE

• ABUNDANT PROFESSIONAL FEATURES FROM THE SMALL BODY.



Cellulosic

Processes

- MMA
- Lift-TIG

Package Includes

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

Optional Accessories

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

Features

- MCU built-in.
- VRD adjustable.
- Electrode type selectable.
- The time of Hot start 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 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 315G/400G/500G

INDUSTRIAL, CLASSICAL

• THE PRIORITY SELECTION FOR INDUSTRY.



Cellulosic

Processes

- MMA
- Arc Gouge
- Remote control optional

Package Includes

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

Optional Accessories

- Fast 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	426*212*357	15
MMA 400G	380V/3P/50-60Hz	380A/35.2V/40% 253A/30.1V/100%	27.7A@380A	40-380A/62V	485*234*425	22
MMA 500G	380V/3P/50-60Hz	480A/39.2V/40% 304A/32.2V/100%	36.2A@480A	40-480A/68V	515*262*468	26

H ARC 630I

HEAVY INDUSTRIAL, CLASSICAL

• THE PRIORITY SELECTION FOR HEAVY INDUSTRY WITH HEAVY DUTY.



Cellulosic

Processes

- MMA
- Arc Gouge
- Remote control

Package Includes

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

Optional Accessories

- Fast 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 630I	380V/3P/50-60Hz	630A/44V/60% 488A/39.5V/100%	53.1A@630A	50-630A/90V	650*310*640	54

MIG 180PGDM

LIGHT INDUSTRIAL, FULL DIGITAL, PULSE

• THE SMALLEST MIG MACHINE WITH PULSE IN THE WORLD.



Processes

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

Package Includes

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

Optional Accessories

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

Features

- The smallest MIG machine with pulse in the world.
- MCU 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.
- 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 TIG: 15-180A/56V	386*170*300	8

MIG 250GS

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 clamp, 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

H MIG 350I/500I

HEAVY INDUSTRIAL, SEPARATED

• THE PRIORITY SELECTION FOR SHIP CONSTRUCTION.



Processes

- MIG
- MIG/Gasless
- MMA
- Arc Gouge

Package Includes

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

Optional Accessories

- Electrode clamp, 3m
- Helmet

Features

- Current, voltage and inductance adjustable.
- Wire diameter selectable.
- Wire type selectable.
- Arc extinction regulation selectable.
- Gas purge.
- 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 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

RILAND TITANS 500DP

LET YOUR WELDING BECOME EASIER



TITANS 500DP

HEAVY INDUSTRIAL, SEPERATED

• **UNIQUE APPEARANCE.**



Processes

- MIG
- MMA
- Lift TIG
- Gouging
- Synergic

Package Includes

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

Optional Accessories

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

Features

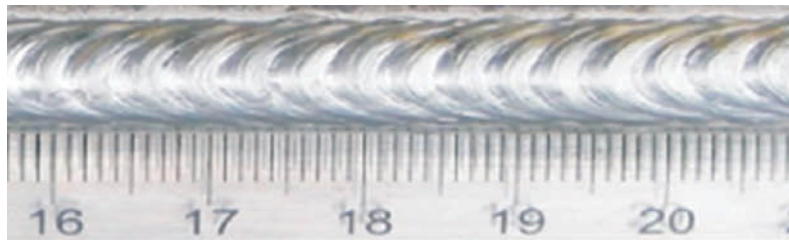
- Automatic standby sleeping function Reduce loss to 30W
- VRD – Voltage Reduction Device. VRD open in MMA welding processing, the open current voltage is reduced to 8.5 V (±10%)
- Low voltage / high voltage automatic protection (Range: 380-400-415V/ 460V, -15~+10%)
- Phase-loss automatic protection (If phase-loss was over 20ms, it would start up and display the code.)
- Automatic protection for over-frequency by power grid (When the input network power exceeds the 46-64Hz range, it will start on and display the code.)
- Anti stick function in MMA (when the short circuit time greater than 0.3s, it will start on.)
- Manual or automatic fan sleep mode
- MMA/Lift-TIG/Gouging



Model	Welding Curent (MIG/MAG)	Duty Cycle	Input Voltage	Main Power Insurance/400V	Dimension (mm)	Weight (kg)
Titan 500DP	20A/15V 500A/40V	60% - 500A 100% - 400A	380 - 460V	35A	740x350x430	50,7

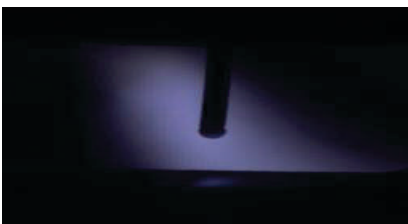
Double Pulse MIG Welding

The built-in double pulse function makes the weld of aluminum alloy more perfect: on the basis of a group of high frequency pulse, a group of low frequency pulse current is superimposed, which has a double stirring effect on the weld puddle. It is beneficial to the separate out of gas and slag and improves the welding quality, which is suitable for welding aluminum alloy and forms ripple effect to the surface.

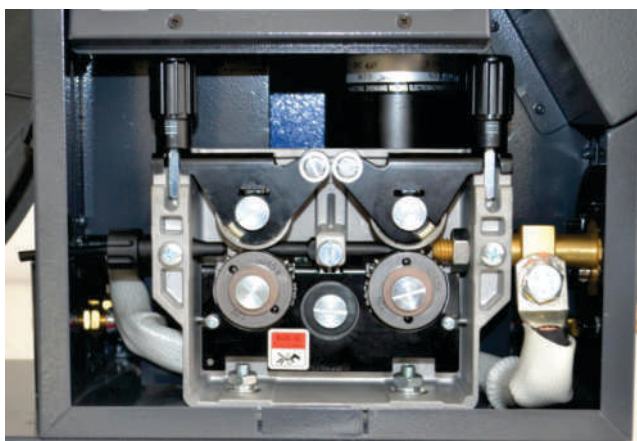


Perfect Droplet Transition, Lower Spatter Welding

With the synergic matching parameters, the welder only needs to adjust the arc stiffness and arc length (inductance and arc pressure) properly to realize the lower spatter welding in the welding process.



Wire Feeder Inner Structure



Powerful 2x2 double drive four roll wheel wire feeding device:

- 24V motor drive
- Independent pressure regulation of two groups of roll wheels
- The roll wheels can adapt to coarse wire, flux-cored wire, solid wire, aluminum wire, etc.

H MIG 500F

HEAVY INDUSTRIAL, SEPERATED

• UNIQUE APPEARANCE.



Processes

- MIG
- MMA

Package Includes

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

Optional Accessories

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

Features

- Current, voltage and inductance adjustable.
- Water cooled.
- 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

TIG 200CT

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

Optional Accessories

- Electrode clamp, 3m
- Welding cart
- Helmet

Features

- New technology to maximizing thermal dissipation with 4 separated heat sinks.
- Post-gas 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

CUT 40CT**LIGHT INDUSTRIAL, HF, CLASSICAL**

- FOCUS ON CUTTING THIN PLATE.

**Processes**

- CUT

Package Includes

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

Optional Accessories

- Helmet

Features

- New technology to maximizing thermal dissipation with 4 separated heat sinks.
- Flash cutting for 6mm thickness carbon steel, recommend for 10mm thickness carbon steel.
- Post-gas 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

CUT 63G/80GT/100GT INDUSTRIAL, HF, CNC

• CNC LEADS TO TECHNOLOGICAL INNOVATION.



CNC

Processes

- CUT
- CNC

Package Includes

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

Optional Accessories

- Helmet

Features

- CNC connector greatly enrich capacity.
- Flash cutting for 10/15/20mm thickness carbon steel, recommend for 16/25/30mm thickness carbon steel.
- 2T/4T.
- Gas pressure meter.
- Post-gas 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 63G	380V/3P/50-60Hz	63A/105V/60% 46A/98.4V/100%	14A@63A	23-63A/300V	508*244*423	21.7
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

TIG 200PAC/DC GDM

LIGHT INDUSTRIAL, FULL DIGITAL, DC, PULSE

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



Processes

- DC TIG
- AC TIG(TIG 200PAC/DC GDM)
- Pulse TIG
- MMA
- Remoto control

Package Includes

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

Optional Accessories

- Electrode clamp, 3m
- Welding cart
- Helmet
- Foot control pedal

Features

- MCU built-in.
- LED display.
- Pulse frequency and pulse width adjustable.
- AC balance and AC frequency adjustable (TIG 200PAC/DC GDM).
- 2T/4T/Spot welding.
- Pre-gas and post-gas adjustable.
- Up-slope and down-slope adjustable.
- Base current adjustable.
- Arc-striking current and arc-extinction 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: 190A/17.6V/20% 85A/13.4V/100% MMA: 160A/26.4V/20% 72A/22.9V/100%	TIG: 28A@190A MMA: 29.2A@160A	TIG: 15-190A/59V MMA: 30-160A/59V/20V(VRD)	315*145*248	6.5

TIG 250PAC/DC II & 315PAC/DC

INDUSTRIAL, CLASSICAL, AC/DC, PULSE

• FULL FUNCTION AND 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

Optional Accessories

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

Features

- AC/DC selectable.
- Pulse frequency and pulse width adjustable.
- AC balance adjustable.
- 2T/4T.
- Post-gas adjustable.
- Down-slope adjustable.
- Arc-striking current and arc-extinction 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 250PAC/DC II	220V/1P/50-60Hz	TIG: 210A/18.4V/30%@40°C 150A/16V/100%@40°C MMA: 160A/26.4V/30%@40°C 120A/24.8V/100%@40°C	TIG: 36.5A@210A MMA: 35.4A@160A	TIG: 10-210A/96V(AC)/68V(DC) MMA: 10-160A/60V	476*340*402	20
TIG 315PA/CDC	380V/3P/50-60Hz	TIG: 300A/22V/20%@40°C 230A/19.2V/100%@40°C MMA: 240A/29.6V/60%@40°C 220A/28.8V/100%@40°C	TIG: 17.2A@300A MMA: 15.5A@240A	TIG: 12-300A/62V MMA: 15-240A/62V	609*332*622	38

H CUT 160I

HEAVY INDUSTRIAL, HF, CLASSICAL

- THE SHARP WEAPON FOR HEAVY PLATE.



Processes

- CUT
- Gouge

Package Includes

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

Optional Accessories

- Helmet

Features

- Gouge (CUT 160I).
- Flash cutting for 20/30mm thickness carbon steel, recommend for 30/45mm thickness carbon steel.
- 2T/4T (CUT 160I).
- 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 160I	380V/3P/50-60Hz	160A/144V/60% 124A/130V/100%	41.5A@160A	40-160A/348V	670*337*617	60

MZ 1250CV

HEAVY INDUSTRIAL, AUTOMATIC, EFFICIENT

- COMPATIBLE WITH HIGH EFFICIENCY AND HIGH DEPOSITION RATE.



Processes

- CC SAW
- CV SAW
- Arc Gouge
- MMA

Package Includes

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

Optional Accessories

- Arc Gouge torch
- Helmet

Features

- 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.
- Inrush current limited at reasonable and security standard.
- Tri-proof air duct design.



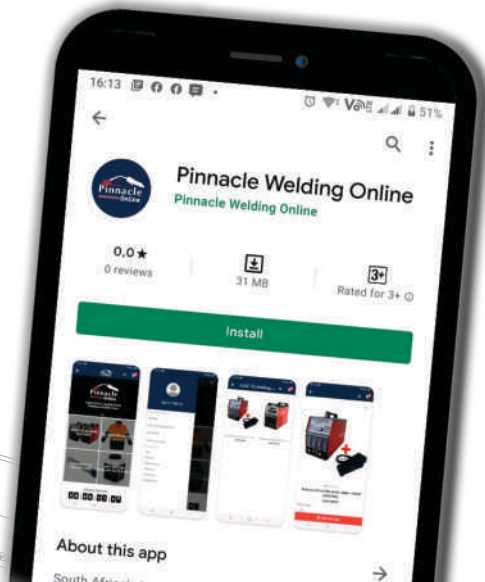
Model	Input Voltage/Phase/Frequency	Output Current/Voltage/Duty Cycle (40°C)	Amps Input At Rated Output	Output Range/ OCV	Dimension (mm)	Weight (kg)
MZ 1250CV	380V/3P/50-60Hz	SAW: 1250A/44V/40% 800A/44V/100% MMA: 1250A/44V/40% 800A/44V/100% Gouge: 1250A/44V/40% 800A/44V/100%	130A@1250A	125-1250A/90V	760*380*800	85



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