

RILON

WELDING EQUIPMENT

WELDING EQUIPMENT





Output



Input



Classic ARC 160/3.2

Dependable, Professional, Reliable and Rugged

The Classic ARC 160mini delivers up to 160 amps DC for stick welding. Fit for vocational education, industrial production, maintenance, repair, farm and shop environments

- Outstanding ARC Stability with low spatter
- Auto Protection against over-voltage and over-current
- Auto-adaptive Arc Force – Minimizes electrodes sticking in the puddle without increased spatter or compromising arc stability.
- Automatic Hot Start – Boosts the current during startup to make striking an arc easier
- Wide Range for Input Voltage: 1P: 220/230 ±15% or 1P: 110/220 ±15%
- Super Portable and Energy Saving
- Portable with Adjustable Shoulder Strap – The light weight of the machines (6kg) allow for easy transportation wherever you go

Processes

- Stick

Light Industrial

Key Options

- Case
- Hammer
- Helmet
- Shoulder strap

Base Unit Includes

- 1 PCS Inverter Power Source
- 200A stick electrode holder, 3m cable with Euro plug
- 3m Work Cable and 300A Clamp with Euro plug
- 220V, 3m input cord without plug

Product Model	Input voltage/Phase/Frequency	Output current/Voltage/Duty cycle	Amps Input at Rated Output	Output range/OCV	Dimension	Weight	Price
ARC 160/3.2	220V/1P/50-60Hz	140A/25.6V/25% @40°C 90A/23.6V/100% @40°C	28A@140A	45-140A/65V	400x153x291(mm)	6kg	



Output



Input



Classic ARC 200T & 200

Excellent, Professional, Reliable and Rugged

Introducing our popular ARC 200T and 200 for stick welding, both machines are exceptional choices for welding on mild steel, low alloy and stainless steels as well as cast iron and hardfacing for maintenance, repair, light fabrication, and hobby projects.

- Outstanding ARC Stability with low spatter
- Auto Protection against over-voltage and over-current
- Auto-adaptive Arc Force – Minimizes electrodes base metal short circuiting without increasing spatter or compromising arc stability.
- Automatic Hot Start – Boosts the current during startup to make striking an arc easier
- Wide Range for Input Voltage: 220/230 ±15%
- Super Portable and Energy Saving
- Portable with Adjustable Shoulder Strap – The light weight of the machines (8kg) allow for easy transportation wherever you go

Processes

- Stick

Light Industrial

Key Options

- Case
- Hammer
- Helmet

Base Unit Includes

- 1 PCS Inverter Power Source
- 200A stick electrode holder, 3m Cable with Euro plug
- 3m Work Cable and 300A Clamp with Euro plug
- 220V, 3m input cord without plug

Product Model	Input voltage/Phase/Frequency	Output current/Voltage/Duty cycle	Amps Input at Rated Output	Output range/OCV	Dimension	Weight	Price
ARC200T	220V/1P/50-60Hz	160A/26.5V/30% @25°C 130A/25.2V/100% @25°C	30.8A@160A	30-160A/60V	395x155x301(mm)	7.5kg	
ARC 200	220V/1P/50-60Hz	190A/27.6V/60% @25°C 155A/26.2V/100% @25°C	38.4A@190A	30-190A/60V	395x155x301(mm)	8.0kg	


Output

Input

Industrial ARC 250S(220V) & ARC 250(415V)

Basic Industrial Stick Welding – Affordable, Simple and Rugged

The ARC 250S delivers up to 250 amps DC for stick welding. Fit for vocational education, industrial production, maintenance, repair, farm and shop environments.

- **Outstanding AWS E6013 and AWS E7018 Performance** – Uses up to 7/32 in.(5.6mm) diameter electrodes
- **Digital Meter** – For preset and display of welding current
- **Arc Force and Hot Start** – Adjustable, makes striking the arc easier
- **Energy Saving** – More efficient as compared to the traditional machines

Processes

- Stick

Industrial

Key Options

- Helmet

Base Unit Includes

- 1 PCS Inverter Power Source
- 200A stick electrode holder, 3m cable with Euro plug
- 3m Work Cable and 300A Clamp with Euro plug
- 220V/415V, 3m Input cord without plug

Product Model	Input voltage/Phase/Frequency	Output current/Voltage/Duty cycle	Amps Input at Rated Output	Output range/OCV	Dimension	Weight	Price
ARC 250S (220V)	415V/3P/50-60Hz	250A/30V/60%@25°C 195A/28V/100%@25°C	13A@250A	20-250A/59V	505x203x375(mm)	17.5kg	
ARC 250 (415V)	415V/3P/50-60Hz	250A/30V/60%@25°C 195A/28V/100%@25°C	13A@250A	20-250A/59V	505x203x375(mm)	17.5kg	


Output

Input

Processes

- Stick
- Gouging

Heavy Industrial

Rugged ARC 400IJ2 & 500IJ

Reliable and Rugged.

The Professional Choice for Heavy Duty Industrial Welding

Considered star products in the heavy industry, choose the ARC 500IJ for your heavy-duty stick welding needs. These machines consistently produce smooth, quality arcs, regardless of whether you use cellulosic, low hydrogen, stainless steel or hardfacing electrodes.

- **Easy to Operate** – Calibrated current control knob makes procedure setting simple and easy
- **Advanced IGBT Module Technology** – Tri-proof air tube design and high duty cycle for better reliability in harsh environments
- **Digital Meter** – For preset and display of welding current
- **Dust-free Cooling System** – Enables higher duty cycles
- **Arc Force and Hot Start** – Adjustable, makes striking the arc easier
- **VRD Function** – Makes it safe for welders
- **Arc Gouge** – Arc 400IJ2 uses up to 5/16 in. (7.9 mm) diameter carbon electrode and ARC 500IJ uses up to 3/8 in. (9.5 mm) diameter carbon electrode
- **Remote Control Function** – Enlarges your welding area

Key Options

- Helmet
- MMA/ARC Remote Control Box
- Arc gouging torch

Base Unit Includes

- 1 PCS Inverter Power Source

• Case

For storage of welding power source and accessories

• MMA/ARC Remote Control Box

Remote hand amperage control. Includes cord and plug

• Hammer

To clean up the slag of welded seam

• Helmet

The latest technology in stylish headgears for maximum protection

• Arc Gouging Torch

Arc Gouging Torches can groove, bevel, cut, gouge, pierce and flush away all kinds of metals

Product Model	Input voltage/Phase/Frequency	Output current/Voltage/Duty cycle	Amps Input at Rated Output	Output range/OCV	Dimension	Weight	Price
ARC 500IJ	415V/3P/50-60Hz	500A/40V/60%@40°C 387A/35.5V/100%@40°C	35.6A@500A	40-500A/80V/15V(VRD)	630x300x640(mm)	40kg	



Output



Input



Heavy Industrial MMA 315G, 400G & 500G

Dependable, Economical, Excellent, Basic Industrial Stick Welding

This series welding machine with high cost performance. At the same price models, whether appearance or performance, that is another machine is unmatched. They can work in most circumstances which you can imagine, such as generator power supply working environment.

- **IGBT Technology** – the core adopts advanced IGBT inverter device.
- **Wide Range for Input Voltage:** 380±15%
- **Digital Meter** – to preset and display welding current.
- **Dust-Free Cooling System can Upgraded Duty Cycle.**
- **Arc force and Hot start adjustable** – easy to striking the arc.
- **VRD function** – it safe for welders.
- **Remote control function (optional)** – enlarge your welding Area, easy to operate.
- **Energy Saving** – more efficient compared with the traditional SCR machine.

Processes

- Stick
- Gouging (MMA500G)

Heavy Industrial

Key Options

- Helmet
- MMA/ARC Remote control box

Base Unit Includes

- 1 PCS Inverter Power Source
- 500A stick electrode holder, 3m cable with Euro plug
- 3m Work Cable and 500A Clamp with Euro plug

Product Model	Input voltage/Phase/Frequency	Output current/Voltage/Duty cycle	Amps Input at Rated Output	Output range/OCV	Dimension	Weight	Price
MMA 315G	415V/3P/50-60Hz	315A/31.2V/25%@40°C 230A/29.2V/100%@40°C	18A@315A	40-315A/65V/15(VRD)	426x212x357(mm)	15kg	
MMA 400G	415V/3P/50-60Hz	400A/36V/40%@40°C 315A/32.6V/100%@40°C	25.3A@400A	40-400A/68V/15V(VRD)	485x234x425(mm)	22kg	
MMA 500G	415V/3P/50-60Hz	500A/39.2V/40%@40°C 304A/32.2V/100%@40°C	25.2A@500A	40-500A/68V/15V(VRD)	515x262x468(mm)	26kg	



Output



Input



Subarc MZ 630CV & 1000CV

Industrial DC Multi-Process Welders

Rugged construction, simple controls and a 100% duty cycle output rating make these machines a sound investment for heavy duty shop applications,

- **Adopt Advanced IGBT Module Technology** – of the core inverter device.
- **Large, Conveniently located controls** – Make it easy to change between CC (Stick Arc gouging), CC and CV Submerged Arc modes.
- **CC Arc force Control Knob with built-in "Hot Start"**.
- **Remote and other switches are located at welding cart's front panel** – for easy to operate.
- **±15% input line voltage** – compensation for maintaining weld consistency.
- **Full range output voltage control** – for easy operation and precise control.
- **Standard digital ammeter and voltmeter.**
- **Auto-Protection against Over-Voltage, Over-Current and Over-Heated.**
- **Energy Saving** – Compared with the traditional SAW machine more efficient.

Processes

- Stick
- Submerged Arc
- Gouging

Heavy Industrial

Key Options

- Hammer
- Arc Gouging Torch
- Track

Base Unit Includes

- 1 PCS Inverter Power Source
- 6m work cable and 600A clamp with copper connector 2 PCS.
- 10m, Connection cable 2 PCS.
- Welding Carriage (fillet type or flat type).
- 1 PCS 14 Pins 10m control cable.
- 1 PCS 1m track.

Product Model	Input voltage/Phase/Frequency	Output current/Voltage/Duty cycle	Amps Input at Rated Output	Output range/OCV	Dimension	Weight	Price
MZ 630CV	415V/3P/50-60Hz	630A/44V/60%@40°C 500A/40V/100%@40°C	488A@630A	60-630A/72V/78.2V	670x337x617(mm)	54kg	
MZ 1000CV	415V/3P/50-60Hz	1000A/44V/60%@40°C 774A/44V/100%@40°C	77.4A@1000A	100-1000A/80V/83.8V	760x380x820(mm)	65kg	

ARC 250CT

Dependable, Professional, Reliable and Rugged

- With plastic corner, sloping front panel;
- Current adjustable, built-in hot start, self adaptation of arc force;
- Overheat, over current protection function;
- Anti stick, VRD function.



TECHNICAL CHARACTERISTICS

Model	ARC 250CT
Input voltage (V)	240V±15%
Frequency (Hz)	50/60
Rated input current(A)	27.0A
Output current range(A)	30-200
Rated out voltage range(V)	21.2-28.0
Duty cycle 40°C(%)	20(200A) 60(165A) 100(150A)
Open circuit voltage (A)	60
Power factor	≥0.70
Efficiency (%)	≥0.85
Insulation class	F
Crust protection grade	IP21S
Weight(kg)	6.2
Outline dimension(mm)	402×160×300

Product Model	Input voltage/Phase/Frequency	Amps Input at Rated Output	Output range/OCV	Dimension	Weight	Price
ARC 250CT	AC240V±15%/50-60Hz	21.2-28.0V	30-200AMP	402X160X300(mm)	6.2kg	

ARC 200CT

Excellent, Professional, Reliable and Rugged

- With plastic corner, sloping front panel;
- Current adjustable, built-in hot start, self adaptation of arc force;
- Overheat, over current protection function;
- Anti stick, VRD function.



TECHNICAL CHARACTERISTICS

Model	ARC 200CT
Input voltage	240V±15%
Frequency	50/60
Rated input current	23.0
Output current range(A)	30-170
Rated out voltage range	21.2-26.8
Duty cycle 40°C(%)	20(170A) 60(140A) 100(120A)
Open circuit voltage	65
Power factor	≥0.70
Efficiency	≥0.85
Insulation class	F
Crust protection grade	IP21S
Weight(kg)	6.2
Outline dimension (mm)	402×160×300

Product Model	Input voltage/Phase/Frequency	Amps Input at Rated Output	Output range/OCV	Dimension	Weight	Price
ARC200CT	AC240V±15%/1P/50-60Hz	23.0A	30-160A/60V	402X160X300(mm)	6.2kg	


Output

Input


Precise DC TIG 200A & 200S

Portable, Professional, Rugged and Affordable

The Precise DC TIG 200A promises high standards of quality welding. With a weight of only 9kg, it boasts mobility, allowing you to weld just about anywhere.

- **Advanced Inverter Technology** – Delivers superior TIG performance
- **Non-contact Start DC TIG operation** – allows you to strike the arc easily with high frequency, and makes it easier to establish an arc under a variety of conditions
- **Automatic Hot Start** – Boosts the current during startup to make striking an arc easier
- **Integral Gas and Power Connector** – For simple torch connections and quick changes between TIG and Stick welding
- **Wide Range of Input Voltage:** 220V ±15%
- **Energy Saving** – More efficient as compared to traditional TIG machines

Processes

- AC TIG
- Stick

Light Industrial

Key Options

- Tungsten Electrode
- Welding Cart

Base Unit Includes

- 1 PCS Inverter Power Source
- 8m TIG 26 Torch and Cable assembly
- 200A Stick Electrode Holder, 3m Cable with Euro plug
- 3m Work Cable and 300A Clamp with Euro plug
- 220V, 3m Input Cord without plug

Product Model	Input voltage/Phase/Frequency	Output current/Voltage/Duty cycle	Amps Input at Rated Output	Output range/OCV	Dimension	Weight	Price
TIG 200S	220V/1P/50-60Hz	200A/18V/60%@25°C 155A/16.2V/100%@25°C	26A@200A	10-200A/40V	400x153x291(mm)	9kg	
TIG 200A	220V/1P/50-60Hz	TIG: 200A/18V/60%@25°C 155A/16.2V/100%@25°C MMA: 165A/26.6V/60%@25°C 127A/25V/100%@25°C	26A@200A(TIG) 32A@165A(MMA)	10-200A/40V(TIG) 40-165A/40V(MMA)	400x153x291(mm)	9kg	


Output

Input


Pulse TIG 200PAC/DC

Premium Welding Solution – Multi-Process and Precision

These AC/DC TIG and Stick welders deliver classic smooth DC and stable AC square wave welding outputs, outstanding stick welding and TIG performance. Pulse 200PAC/DC is a full-function model.

- **Advanced Inverter Technology** – Delivers superior TIG performance
- **Non-contact Start DC TIG operation** – allows you to strike the arc easily with high frequency, and makes it easier to establish an arc under a variety of conditions
- **Adjustables: Pulse Width, Pulse Frequency, AC Balance, Upslope and Down slope Function** – makes an arc easier
- **Automatic Hot Start** – Boosts the current during startup to make striking an arc easier
- **2T/4T and Repeat Function** – Selectable on the front panel
- **Remote Control Function** – Remotely control current levels with foot control
- **Auto-Protection** – Against over-voltage, over-current and over-heating
- **Energy Saving** – More efficient as compared to traditional TIG machines

Processes

- DC/AC TIG
- Stick
- Pulsed

Light Industrial (TIG 200 PAC/DC)

Key Options

- Tungsten Electrode
- Welding Cart
- TIG Remote Control Box (TIG 200PAC/DC)

Base Unit Includes

- 1 PCS Inverter Power Source
- 8m TIG 26 Torch and Cable assembly
- 200A Stick Electrode Holder, 3m Cable with Euro plug
- 3m work cable and 300A Clamp with Euro plug
- 220V, 3m input cord without plug

Product Model	Input voltage/Phase/Frequency	Output current/Voltage/Duty cycle	Amps Input at Rated Output	Output range/OCV	Dimension	Weight	Price
TIG 200PAC/DC	220V/1P/50-60Hz	TIG: 200A/18V/60%@25°C 155A/16.2V/100%@25°C MMA: 165A/26.6V/60%@25°C 127A/25V/100%@25°C	26A@200A(TIG) 40A@165A(MMA)	10-200A/56V(TIG) 40-165A/56V(MMA)	498x328x302(mm)	20kg	


Output

Input


Pulse TIG 315BPAC/DC

Industrial AC/DC Multi-Process Welders – Excellent, Precision, Industrial AC/DC Multi-Process Welders

The Pulse TIG 315BPAC/DC and 400PAC/DC are both technologically advanced ruggedly constructed and tested for use in almost any production or fabrication environment, including tough shipbuilding applications

- **Advanced Inverter Technology** – Delivers superior TIG performance
- **Non-contact Start DC TIG operation** – allows you to strike the arc easily at high frequencies, and makes it easier to establish an arc under a variety of conditions
- **Premium TIG Performance**
- **Adjustable AC Frequency** – Focus the arc cone for precise control
- **Expanded AC Balance** – Minimizes tungsten erosion and etching surrounding the weld
- **Adjustables: Pulse Width, Upslope and Down slope Function**
- **Automatic Hot Start** – Boosts the current during startup to make striking an arc easier
- **2T/4T and Repeat Function** – Selectable on the front panel
- **Remote Control Function** – Remotely control current levels with a foot control
- **Auto-Protection** – Against over-voltage, over-current and over-heating
- **Efficient Electrical Conversion** – The inverter platform consumes 20% less power as compared to conventional TIG welders, translating to lower energy cost.

Processes

- DC/AC TIG
- Stick
- Pulsed

Industrial (TIG 315BPAC/DC)
Heavy Industrial (TIG 400PAC/DC)

Key Options

- Tungsten Electrode
- TIG Remote Control Box
- SL1500 Water Cooler

Base Unit Includes

- 1 PCS Inverter Power Source
- 8m TIG 18 Torch and Cable assembly
- 500A Stick Electrode Holder, 3m Cable with Euro plug
- 3m Work Cable and 500A Clamp with Euro plug
- 3P 415V, 3m input cord without plug

TIG Welding Torches

- TIG9
- TIG17
- TIG20
- TIG26
- TIG18

Product Model	Input voltage/Phase/Frequency	Output current/Voltage/Duty cycle	Amps Input at Rated Output	Output range/OCV	Dimension	Weight	Price
TIG 315BPAC/DC	415V/3P/50-60Hz	TIG: 315A/22.6V/60%@25°C 245A/19.8V/100%@25°C MMA: 250A/30V/60%@25°C 195A/27.8V/100%@25°C	12.5A@315A(TIG) 18A@250A(MMA)	10-315A/56V(TIG) 30-250A/56V(MMA)	616x326x620(mm)	39kg	

Water Cooler WRC-300A

WRC-300A


Item Code #	A52L0000020
Main Voltage	230V 50/60Hz
Phase	1 Phase
Cooling Capacity	1.6KW (1L/Min)
Motor	260W
Max Pressure	0.3MPA/60Hz
Operation	-20°C ~ 60°C
Weight	14kg
Dimensions (mm)	450 x 250 x 355
Remarks	2R CU 24cm x 29cm

Price

Bardiche CUT 100IJ & 160I

Revolutionary Technology in Plasma Cutting



Highly competitive products, the Bardiche CUT 100IJ & 160I plasma cutting machines are equipped with Advanced IGBT Module technology, Tri-proof air tube design for high duty cycles for optimum standards of reliability in harsh environments.

- **Adopts Advanced IGBT Module Technology of the core inverter device**
- **Non-contact Start System** – Smooth Arc-Striking with HF Control
- **Rapid Arc Restrike** – Quality narrow cutting and excellent travel speed
- **Competitive Cutting Thickness** – Recommended thickness (Carbon Steel): 30mm (CUT 100IJ), 40mm (CUT 160I)
- **Cool Operation, Long Consumable Life** – High performance cutting accessories with competitive pricing
- **Engine Drive Compatible** – Wide range for voltage input for selection of suitable engine drives for remote locations
- **Energy Saving** – More efficient as compared to traditional cutting machines

Processes

- Plasma Cutting

Heavy Industrial

Key Options

- Helmet

Base Unit Includes

- 1 PCS Inverter Power Source
- 8m P80 Cutting Torch and Cable assembly (CUT 100IJ)
- 6m A141 Cutting Torch and Cable assembly (CUT 160I)
- 3m Work Cable and 300A Clamp with Euro plug
- Air Filter Kit

Output



Input



Product Model	Input voltage/Phase/Frequency	Output current/Voltage/Duty cycle	Amps Input at Rated Output	Output range/OCV	Dimension	Weight	Price
CUT 100IJ	415V/3P/50-60Hz	100A/120V/60%@40°C 77A/111V/100%@40°C	21.1A@100A	20-100A/268V	550x280x545(mm)	36kg	
CUT 160I	415V/3P/50-60Hz	160A/144V/60%@40°C	41A@160A	20-160A/320V	670x337x617(mm)	60kg	

Bardiche CUT 40

Revolutionary Technology in Plasma Cutting



The Bardiche CUT 40 plasma cutting systems are highly portable and can be easily transported to any jobsite. Connect your machine to the air compressor, grab the torch and start cutting!

- **Contact Start System** – Smooth Arc-Striking with HF Control
- **Rapid Arc Restrike** – Quality narrow cutting and excellent travel speed
- **Competitive Cutting Thickness** – Recommended thickness (Carbon Steel): 10mm(CUT 40).
- **Cool Operation, Long Consumable Life** – High performance cutting accessories with competitive pricing
- **Engine Drive Compatible** – Wide range for voltage input for selection of suitable engine drives for remote locations
- **Energy Saving** – More efficient as compared to traditional cutting machines

Processes

- Plasma Cutting

Light Industrial (CUT 40)

Base Unit Includes

- 1 PCS Inverter Power Source
- 8m PT 31 Cutting Torch and Cable assembly (CUT 40)
- 3m Work Cable and 300A Clamp with Euro plug
- Air Filter Kit
- 240V, 3m input cord without plug

Output



Input



Key Options

- Helmet
- Welding Cart

Product Model	Input voltage/Phase/Frequency	Output current/Voltage/ Duty cycle	Amps Input at Rated Output	Output range/OCV	Dimension	Weight	Price
CUT 40	240V/1P/50-60Hz	40A/96V/60%@25°C 30A/92V/100%@25°C	28.2A@40A	20-40A/230V	400x153x291(mm)	9kg	

Bardiche CUT 60G & 80G

Revolutionary Technology in Plasma Cutting



The Bardiche CUT 60G & 80G plasma cutting systems are portable enough for easy transportation to any jobsite. Durable and rugged, these machines are suitable for use on up one inch material in production environments.

- **IGBT Technology** – The core adopts advanced IGBT inverter device
- **Non-contact Start System** – Smooth Arc-Striking with HF Control
- **Rapid Arc Restrike** – Quality narrow cutting and excellent travel speed
- **Competitive Cutting Thickness** – Recommended thickness (Carbon Steel): 15mm (CUT 60G), 25mm (CUT 80G)
- **Cool Operation, Long Consumable Life** – High performance cutting accessories with competitive pricing
- **Engine Drive Compatible** – Wide range for voltage input for selection of suitable engine drives for remote locations
- **Energy Saving** – More efficient as compared to traditional cutting machines

Processes

- Plasma Cutting

Industrial

Key Options

- Helmet
- Welding Cart

Base Unit Includes

- 1 PCS Inverter Power Source
- 8m P80 Cutting Torch and Cable assembly
- 3m Work Cable and 300A Clamp with Euro plug
- 3P 415V, 3m input cord without plug (CUT 80G)
- Air Filter Kit

Output



Input



Product Model	Input voltage/Phase/Frequency	Output current/Voltage/ Duty cycle	Amps Input at Rated Output	Output range/OCV	Dimension	Weight	Price
CUT 60G	415V/3P/50-60Hz	60A/104V/60%@40°C 46A/98.4V/100%@40°C	11A@60A	20-60A/290V	485x234x425(mm)	19kg	
CUT 80G	415V/3P/50-60Hz	80A/112V/60%@40°C 63A/105V/100%@40°C	15.8A@80A	20-80A/268V	515x262x468(mm)	25kg	

Multi-process MIG 180GDM

Three-in-One Welder – Smaller, Portable, Professional and Rugged



- Full Digital and Advanced IGBT inverter technology.
- Multi-process: MIG & MMA & LIFT TIG .
- CO2 and Mixed gas select under MIG process;
- Synergic, LED display ,easy to operate.
- VRD system for your safety.
- Inductance and Arc length can be fine adjusted .
- 2T/4T under MIG process .
- Fan as needed, reduces noise and dust inside the machine.
- Cellulose electrode friendly .
- 5kg wire applicative.
- Optional : Polarity conversion, shoulder strap and Spool adaptor (For 0.9kg wire)

TECHNICAL CHARACTERISTICS

Product Model	MIG180GDM
Input voltage/Phase/Frequency	240V/1P/50-60HZ
Output current/Voltage/Duty cycle	MMA:160A/26.4V/25%40°C MIG:180A/23V/30%40°C LIFT TIG:180A/17.2/30%40°C
Amps Input at Rated Output	32A@180A(MIG)
Output range/OCV	MMA:10-160A/60V(VRD16V) MIG:50-180A/60V LIFT TIG:10-180A/60
Dimension	385×170×300(mm)
Weight	8kg

Price

Output



Input



Power MIG 250GS

Internal, Excellent, Affordable, Portable, Professional

- Advanced IGBT inverter technology.
- Welding process: MIG & MMA.
- 2T/4T function.
- Arc Trait Inductance! adjustable.
- Wire feed speed & welding voltage are displayed by LED.
- Welding spool built-in the machine.
- Output polarity converts for solid and flux wire.
- Torch bracket good for the welding lay up.
- Gas cylinder trolley good for movably.

Key Options

- Auto-Darkening Welding Helmet

Base Unit Includes

- 1 pcs inverter power source
- MIG torch, 3.0m cable with Euro connector
- Stick electrode holder, 3.0m cable with Euro plug
- Earth clamp, 3.0m cable with Euro plug
- Gas hose, 3.0m with hose clamp.

Output



Input





Power MIG 200GW

The Professional Choice – Economical, Efficient and Excellent

The Power MIG 200G offers top welding performance to both auto body and sheet metal fabrication industries. It boasts the following features:

- **IGBT Technology** – The core adopts the advanced IGBT inverter device
- **Infinite Voltage Control** – For optimized starting performance
- **Inductance Control** – For arc stability and spatter control
- **Digital Meters** – Voltage and Amperage; Preview and Hold capability
- **Quick Change Polarity** – Simple quick change polarity (no tools required) from the front of the power source
- **Thermal Overload Protection** – Helps to prevent machine damage
- **Energy Saving** – More efficient than the traditional machines

Processes

- MIG
- Stick

Base Unit Includes

- 1 PCS Inverter Power Source
- 3m MIG-15 Gun and Cable assembly
- 200A Stick Electrode Holder, 3m Cable with Euro plug
- 3m Work Cable and 300A Clamp with Euro plug
- 240V, 3m Input Cord without plug

Output



Input



Light Industrial

Key Options

- Welding Cart
- CO2 Regulator
- Helmet
- Plastic Wire Cover Kit

Plastic Wire Cover Kit

- Plastic enclosure for 15-20kg wire packages

Product Model	Input voltage/Phase/Frequency	Output current/Voltage/Duty cycle	Amps Input at Rated Output	Output range/OCV	Dimension	Weight	Price
MIG 200GW	240V/1P/50-60Hz	MIG: 200A/24V/60%@25°C 155A/21.7V/100%@25°C MMA: 160A/28V/60%@25°C 124A/24.9V/100%@25°C	37.5A@200A(MIG) 32.5A@160A(MMA)	40-200A/50V(MIG) 30-160A/50V(MMA)	465x242x464(mm)	21kg	



Power MIG 300GS

Integrated and Efficient. Your Premium Welding Solution

Power MIG 300GS provides more choices for both professionals and factories. Choose MIG 300GS for factory projects, repair, sheet metal, auto body work. The MIG 300GS can also be changed to 230 volts for farm, shop and light fabrication.

- **IGBT Technology** – The core adopts the advanced IGBT inverter device
- **Infinite Voltage Control** – For optimized starting performance
- **Inductance Control** – For arc stability and spatter control
- **Digital Meters** – Voltage and Amperage; Preview and Hold capability
- **Trigger Control** – 4T (Latch) eliminates operator fatigue
- **Quick Change Polarity** – Simple quick change polarity (no tools required) from the front of the power source
- **Thermal Overload Protection** – Helps to prevent machine damage

Processes

- MIG
- Stick

Base Unit Includes

- 1 PCS Inverter Power Source
- 3m MIG-24 Gun and Cable assembly
- 300A Stick Electrode Holder, 3m Cable with Euro plug
- 3m Work Cable and 300A Clamp with Euro plug

Output



Input



Industrial

Key Options

- CO₂ Regulator
- Helmet

Product Model	Input voltage/Phase/Frequency	Output current/Voltage/Duty cycle	Amps Input at Rated Output	Output range/OCV	Dimension	Weight	Price
MIG 300GS	220V/3P/50-60Hz 220V/1P/50-60Hz	3P:MIG:300A/29V/35%@40°C 250A/26.5V/100%@40°C MMA: 300A/32V/35%@40°C 250A/30V/100%@40°C 1P:MIG:250A/26.5V/35%@40°C 200A/24V/100%@40°C MMA: 250A/30V/35%@40°C 200A/28V/100%@40°C	29.1A@300A(3P) 47.2A@250A(1P)	60-300A/56V(3P) 40-250A/56V(1P)	995x460x950(mm)	60kg	

Rugged MIG 350IJ & 500I

Industrial DC MIG Welder - Powerful, Reliable and Rugged

Exceptional and reliable wire welding performance sets the Rilond Rugged MIG series welders apart. Suitable for fabrication and production in transportation, heavy equipment, structural steel, railroad and furniture, tackle MIG and flux-cored Wire welding with ease using our Rugged MIG Welders.

- **Advanced IGBT Module Technology** – Tri-proof air tube design and high duty cycle for better reliability in harsh environments
- **Infinite Voltage Control** – For optimized starting performance
- **Inductance Control** – For arc stability and spatter control
- **Digital Meters** – Voltage and Amperage; Preview and Hold capability
- **Wire Size and Type Selection** – Aids quick and easy matching of welding parameters
- **Dust-free Cooling System** – Enables higher duty cycles
- **Trigger Control** – 4T (Latch) eliminates operator fatigue
- **Thermal Overload Protection** – Helps to prevent machine damage


Output

Input


Processes

- MIG
- Flux-Cored
- Stick
- Gouging (MIG 500I)

Heavy Industrial

Key Options

- CO₂ Regulator
- Helmet
- Euro type wire feeder

Euro Type Wire Feeder

- This type wire feeder equipment can adapt 2 roller or 4 roller column DC motors, or 4 roller print motor wire feeders. Compatible with Euro type connectors.

Base Unit Includes

- 1 PCS Inverter Power Source
- 3m QTB-350A Gun and Cable assembly (MIG 350IJ)
- 4m Work Cable and 500A Clamp with Euro plug (MIG 350IJ)
- 500A Stick Electrode Holder, 4m Cable with Euro plug (MIG 500I)
- 3m QTB-500A Gun and Cable assembly (MIG 500I)
- 4m Work Cable and 600A Clamp with Euro plug (MIG 500I)
- 1 set Japan type wire feeder

Product Model	Input voltage/Phase/Frequency	Output current/Voltage/Duty cycle	Amps Input at Rated Output	Output range/OCV	Dimension	Weight	Price
MIG 350IJ	380V/3P/50-60Hz	MIG: 350A/31.5V/60%@40°C 270A/27.5V/100%@40°C MMA: 350A/34V/60%@40°C 270A/30.8V/100%@40°C	21.1A@350A(MIG) 22.8A@350A(MMA)	50-350A/56V(MIG) 50-350A/56V(MMA)	550x280x545(mm)	36kg	
MIG 500I	380V/3P/50-60Hz	MIG: 500A/39V/60%@40°C 387A/33.3V/100%@40°C MMA: 500A/40V/60%@40°C 387A/35.3V/100%@40°C	37.5A@500A(MIG) 38.4A@500A(MMA)	50-500A/60V(MIG) 50-500A/60V(MMA)	670x320x640(mm)	42kg	

CO₂ Regulator

- The CO₂ Regulator allows you to maintain ideal CO₂ levels for optimum growth. Can select either type AC36V or AC220V.

No.	Part Number	Description	Pack
1	14-150100-01-00	GH-257/220V (25L), G5/8	1
2	14-150100-02-00	GH-257/36V (25L), G5/8	1
3	14-150100-04-00	GH-258/36V (25L)150W, G5/8	1
4	14-150100-05-00	GH-258/220V (25L)150W, G5/8	1