

RILON

INDEX

PRODUCT NAME	PAGE NOS.
ARC 200	03
ARC 235GE/270GE	04
ARC 280L/420L	05
ARC 300	06
ARC 400IGBT	07
ARC 400IJ/630IJ	08
MMA 400G	09
MMA 400GC	10
TIG 200M	11
TIG 200 PAC/DC GDM	12
TIG 250CT	13
TIG 250 /315 PAC/DC	14
TIG 300A	15
TIG 400GT	16
TIG 400IJ	17
TIG 400PIJ	18
TIG 400/500 PAC/DC	19
MIG 160E/205SYN	20
MIG 301GW	21
MIG 271GF/315GF	22
MIG 400GF/500GF	23
MIG 400IJ, 500IJ, 630IJ	24
CUT 40CT	25
CUT 80GT/100GT	26
CUT 80NS	27
CUT 100I/165I	28
CUT 120GT	29
CUT 120NA	30
SAW MZ 1000, 1250	31

ARC 200

IGBT 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, Also Able To Use 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 200	220V/1P/50-60Hz	185A/27.4V/60% 101A/25.1V/100%	13.9A@190A	30-190A/59V/17V(VRD)	375x155x232	8

ARC 235GE/270GE

INDUSTRIAL, DUAL VOLTAGE

EQUIP SELF - ADAPTIVE ARC FORCE AND HOT START.

Processes

- MMA



Package Includes

- Inverter Welding Machine
- Electrode Holder, 1.5m
- Earth Clamp, 1m



Optional Accessories

- Kit Case
- Brush
- Helmet
- Belt



Features

- RICHIP Chip Bulit-In.
- 70KHZ Inverter Frequency Delivery Smooth Welding Experience.
- Bulit-In Power Management System.
- The VRD And Smart Fan Can Be Customized.
- Self-Adaptive Arc Force And Hot Start Built-in, Anti- Sticking.
- Non-Stop Welding For 2.5 Or 3.2mm, Even 4.0mm Electrode.
- Suitable For Acid And Basic Electrode, Even Cellulose Electrodes. (for MMA 235ge & 270ge)

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 235GE	220V/1P/50-60Hz	40 C : 160A/26.4V/20% 25 C: 180A/27.2V/40% 120A/24.8V/100%	32.9A@180A	30-180A/58V	294X126X205	3.3
ARC 270GE	220V/1P/50-60Hz	40 C : 180A/27.2V/20% 25 C: 200A/28V/40% 150A/26V/100%	35.6A@200A	30-200A/58V	294X126X205	3.4

ARC 280L/420L

INDUSTRIAL, DUAL VOLTAGE

UNIQUE AIR DUCT DESIGN, THE PRIORITY SELECTION FOR ENGINEER FABRICATION INDUSTRY.

Processes

- MMA



Package Includes

- Inverter Welding Machine
- Electrode Holder, 3m
- Earth Clamp, 3m



Optional Accessories

- Quick Plug
- Wrench
- Helmet

Features

- Advance IGBT Inverter Technology Built-In,
- Dual Voltage 220/380V Input.
- VRD, Hot Start, Arc Force Adjustable.
- Recommend For 3.2mm, 4.0mm And 5.0mm Electrode.
- Suitable For Acid Electrode, Basic Electrode And Cellulose 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 280L	220V/1P/50-60Hz 380V/1P/50-60Hz	380V:220A/28.8V/35% 130A/25.2V/100% 220V:190/27.6V/35% 110A/24.4V/100%	380V:30A@220A 220V:38.5A@190A	380V:30-220A/62V 220V:30-190A/70V	300X168X257	5.5
ARC 420L	220V/1P/50-60Hz 380V/1P/50-60Hz	380V:240A/29.6V/30% 140A/25.6V/100% 220V:190/28.4V/30% 125A/25V/100%	380V:32A@240A 220V:42A@210A	380V:30-220A/62V 220V:30-210A/70V	300X168X257	6.5

ARC 300

IGBT INDUSTRIAL, CLASSICAL

CLASSICAL WELDER FOR 4.0MM ELECTRODE.

Processes

- MMA



Package Includes

- Inverter Power Source
- Electrode Holder, 3m
- Earth Clamp, 3m



Optional Accessories

- Quick plug
- Wrench
- Helmet

Features

- VRD Built-in.
- ARC Force Adjustable
- Self- Adaptive Hot Start Built-in, Anti-sticking.
- Recommend For 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 300	380V/3P/50-60Hz	240A/29.6V/30% 165A/26.6V/100%	13.6A@240A	30-240A/65V/17V(VRD)	480x204x303	14.5

ARC 400IGBT (DOUBLE IGBT)

INDUSTRIAL, CLASSICAL

THE PRIORITY SELECTION FOR ENGINEERING FABRICATION INDUSTRY

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)
ARC 400IGBT	380V/3P/50-60Hz	380A/35.2V/40% 253A/30.1V/100%	27.7A@380A	40-380A/62V/17V(VRD)	485x234x425	22

ARC 400IJ/630IJ

HEAVY INDUSTRIAL, CLASSICAL

THE PRIORITY SELECTION FOR HEAVY ENGINEERING FABRICATION INDUSTRY WITH HEAVY DUTY

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 400IJ	380V/3P/50-60Hz	400A/36V/60% 310A/32.4V/100%	27.6@400A	30-400A/72V/17V(VRD)	550X286X545	25
ARC 630IJ	380V/3P/50-60Hz	630A/44V/60% 488A/39.5V/100%	53.1A@630A	50-630A/90V/17V(VRD)	650X310X640	54

MMA 400G

INDUSTRIAL, CLASSICAL

THE PRIORITY SELECTION FOR ENGINEERING FABRICATION INDUSTRY

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%	27.7@380A	40-380A/62V/17V(VRD)	485X234X425	22

MMA 400GC

INDUSTRIAL, CLASSICAL

THE PRIORITY SELECTION FOR ENGINEERING FABRICATION INDUSTRY

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	Rated Maximum Supply Current (A)	Output Voltage Range (V)	Output Current Range (A)	Dimension (mm)	Weight (kg)
MMA 400GC	415V/3P/50-60Hz	MMA: 24.9 TIG: 18.8	MMA : 20.4-36 TIG : 10.4-26	MMA: 10-400 TIG : 10-400	508X244X423	17.5

TIG 200M

LIGHT INDUSTRIAL, CLASSICAL, DC, PULSE

GOOD HAND IN WELDING HEAT CONTROL

Processes

- DC TIG
- PULSE 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

- Pulse Frequency Adjustable
- 2T/4T
- Post-Flow Adjustable
- ARC Force Adjustable
- Peak Current And Background 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 200M	220V/1P/50-60Hz	TIG: 200A/18V/60% 155A/16.2V/100% MMA : 180A/27.2V/60% 140A/25.6V/100%	TIG: 28A@200A MMA: 378@180A	TIG:10-200A/56V MMA:30-180A/56A	432X204X302	13

TIG 200PAC/DC GDM

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

NEW GENERATION, FULL DIGITAL AND FULLY FUNCTIONAL LCD TIF 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	230V/1P/50-60Hz	TIG: 180A/17.2V/25% 90A/13.6V/100% MMA : 160A/26.4V/25% 80A/23.2V/100%	TIG: 30A @180A MMA: 36.5A@160A	TIG:15-180A/58V MMA:20-160A/58V/19V (VRD)	315x135x250	6.25

TIG 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 Upto 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 250CT	220V/1P/50-60 HZ	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)	402X160X300	7.5

TIG 250P/315P AC/DC

LIGHT INDUSTRIAL, CLASSICAL, AC/DC, PULSE

FULL FUCTION 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 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 (40°C)	Amps Input at Rated Output	Output Range/OCV	Dimension (mm)	Weight (kg)
TIG 250PAC/DC	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/68V(DC) MMA:10-160A/60A	476X340X402	20
TIG 315PAC/DC	380V/3P/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: 17.2A@300A MMA: 15.4A@240A	TIG:12-300A/62V MMA:15-240A/62A	609X332X622	36

TIG 300A

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
- Helmet

Features

- 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: 230A/19.2V/40% 160A/16.4V/100% MMA : 230A/29.2V/40% 160A/26.4V/100%	TIG: 12.7A @230A MMA: 21A@230A	TIG:15-230A/63V MMA:15-230A/63A	505X203X375	19

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/60A	508X244X423	25

TIG 400IJ

HEAVY INDUSTRIAL, CLASSICAL, DC

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
- Helmet



Features

- Advanced IGBT Inverter Technology Delivers Superior TIG Performance.
- Auto-Protection
- Remote Control Function
- 2T/4T And Repeat Function Selectable On The Front Panel
- Consists Of Functions Like Arc Initiation Current, Arc Stop Current, Welding Current and Basic Value Current
- Welding Of Stainless Steel, Carbon Steel, Copper
- The Machine Is Also Compatible And Can Be Used For Traditional Electric Welding
- 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 400I	415V/3P/50-60Hz	TIG: 400A/26V/40% 310A/22.4V/100% MMA : 380A/35.2V/40% 253A/30.1V/100%			560X300X550	25

TIG 400P IJ

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
- Helmet

Features

- Pulse Frequency And Pulse With 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 400PIJ	380V/3P/50-60Hz	TIG: 400A/26V/40% 310A/22.4V/100% MMA : 400A/36V/40% 310A/32.4V/100%	TIG: 25.3A@400A	TIG:10-400A/80V MMA:20-400A/80A	547X562X291	30

TIG 400P AC/DC&500P AC/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 Colour 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 400PAC/DC	380V/3P/50-60Hz	TIG : 400A/26V/60% 320A/22.8V/100% MMA:320A/32.8V/60% 280V/31.2/100%	TIG 25.6A@400A	TIG:20--400A/72V MMA:20-320A/72V	709X440X750	60
TIG 500PAC/DC	380V/3P/50-60Hz	TIG: 500A/30V/60% 400A/26V/100% MMA:340A/33.6/60% 300A/32V/100%	TIG: 33.9@500A	TIG : 20-500A/66.5V MMA:20-340A/66.5V	760X380X820	80

MIG 160E / 205SYN

IY, COMPACT, POCKET TOOL

EASY TO CARRY, PORTABLE USING

Processes

- MIG
- MIG/GASLESS
- MMA



Package Includes

- Inverter Power Source
- MIG Torch, 2m
- Earth Clamp, 3m



Optional Accessories

- Welding Cart
- Kit Case
- Brush
- Helmet

Features

- Richip Chip Built-In
- Synergic
- Low Splash
- Fan As Needed, Reduce Noise And Dust Inside The Machine
- Wire Rapid, Press Tirgger For 5 Seconds Under No-loaded
- Intelligent Protection: Over - Current, Over Voltage, Over Heating Protection



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 160E	220V/1P/50-60Hz	MIG: 160A/22V/25% MMA:120A/24.4V/25%	MIG: 23.6A@160A MMA: 23A@140A	MIG:30-160A/60V MMA:20-140A/60V	428X211X338	7

MIG 301GW

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

- Compressor Inside
- 220/380V Dual Voltage Input
- Cut And MMA Dual Function
- Quality Cut Up To 20mm Thickness Carbon Steel, Max Cut Up To 30mm Carbon Steel
- Non-stop Welding For 3.2 And 4.0mm Electrode
- 2T/4T, Gas Purge And Gas Source Function Selectable
- Post Flow Adjustable
- Easy ARC Ignition With HF For Cutting
- 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)
MIG 400GF	380V/3P/50-60Hz	MIG : 350A/31.5V/35% 250A/26.5V/100% MMA:350A/34V/30% 250A/30V/100%	MIG: 24A@350A MMA: 25.8A@350A	MIG:60-350A/61V MMA:40-350A/61V	515X262X468	30
MIG 500GF	220V/1P/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	515X262X468	32

MIG 271GF/ 315GF

LIGHT INDUSTRIAL, SEPARATED

THE PRIORITY

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
- Wire Inching On Wire Feeder (Mig 250gf)
- 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 271GF	220V/1P/50-60Hz	200A/24V/40% 130A/20.5V/100% MMA:160A/26.4V/40% 105A/24.2V/100%	MIG: 36A@200A MMA:32A@160A	MIG:50-200A/56V MMA:40-160A/56V	468X245X478	15.4
MIG 315GF	380V/3P/50-60Hz	250A/26.5V/30% 180A/23V/100% MMA:250A/30V/30% 180A/27.2V/100%	MIG: 14A@250A MMA:16@250A/56V	MIG:40-250A/56V MMA:60-250A/56V	468X245X478	17.3

MIG 400GF/500GF

INDUSTRIAL, SEPARATED

THE PRIORITY SELECTION FOR STEEL CONSTRUCTION & ENGINEERING FABRICATION

Processes

- MIG
- MIG/GASLESS
- MMA



Package Includes

- Inverter Power Source
- MIG Torch, 2m
- Earth Clamp, 3m
- Hose, 3m
- Hose Clamp, 2pcs

Optional Accessories

- Electrode Holder, 3m
- Helmet

Features

- Current, Voltage And Inductance Adjustable
- Wire Type Diameter Selectable
- Wire Type Selectable
- Crater Current Selectable
- Gas Purge
- Wire Inching On Wire Feeder
- Compatible With 15 Kg (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 400GF	380V/3P/50-60Hz	MIG : 350A/31.5V/35% 250A/26.5V/100% MMA:350A/34V/30% 250A/30V/100%	MIG: 24A@350A MMA: 25.8A@350A	MIG:60-350A/61V MMA:40-350A/61V	515X262X468	30
MIG 500GF	220V/1P/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	515X262X468	32

MIG 400IJ/500IJ/630IJ

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, 2m
- Earth Clamp, 3m
- Hose, 3m
- Hose Clamp, 2pcs

Optional Accessories

- Electrode Holder, 3m
- Helmet

Features

- Current, Voltage And Inductance Adjustable
- Wire Type Diameter Selectable
- Wire Type Selectable
- Crater Current Selectable
- Gas Purge
- Wire Inching On Wire Feeder
- Compatible With 15 Kg (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 400IJ	380V/3P/50-60Hz	MIG : 350A/31.5V/35% 271A/27.6V/100% MMA:350A/34V/60% 271A/30.8V/100%	MIG: 24.5@350A	MIG:60-350A/61V MMA:40-350A/61V	550X280X545	36
MIG 500IJ	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	670X320X640	42
MIG 630IJ	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	685X302X660	45

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
- Hose, 3m

Optional Accessories

- Helmet



Features

- New Technology To Maximizing Thermal Dissipation With 4 Separated Heat Sinks
- Quality Cut Up To 6 Mm Thickness Carbon Steel, Max Cut Upto 10mm 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% 30A92v/100%	30A@40A	15-40A/275V	402X160X300	7

CUT 80GT/100GT

INDUSTRIAL, HF, CNC

CNC LEADS TO TECHNOLOGICAL INNOVATION.

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 10/15/20mm Thickness Carbon Steel, Max Cut Upto 16/25/30mm 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	508X244X423	21.7
CUT 100GT	380V/3P/50-60Hz	100A/120V/40% 70A/108V/100%	23A@100A	20-100A/300V	526X272X468	25.6

CUT 80NS

INDUSTRIAL, IGBT, HF

COMPRESSOR INSIDE, DUAL VOLTAGE WITH MMA FUNCTION.

Processes

- CUT
- MMA



Package Includes

- Inverter Power Source
- CUT Torch, 8m
- Earth Clamp, 3m

Optional Accessories

- Electrode Holder, 3m
- Air Filter
- Hose 3m
- Helmet

Features

- Compressor Inside
- 220/380V Dual Voltage Input
- Cut And MMA Dual Function
- Quality Cut Up To 20mm Thickness Carbon Steel, Max Cut Up To 30mm Carbon Steel.
- Non-stop Welding For 3.2 And 4.mm Electrode
- 2t/4t. Gas Purge And Gas Source Function Select-able
- Post-Flow Adjustable.
- Easy ARC Adjustable
- Easy ARC Ignition With Hf For Cutting
- 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 80NS	220V/1P/50-60Hz 380V/1P/50-60Hz	220V: CUT: 55A/102V/40% 35A/94V/100% MMA: 220A/28.8V/40% 140A/25.6V/100% 380V: CUT : 80A/112V/100% 50A/100V/100% MMA280A/31.2V/40% 180A/27.2V/100%	CUT :220V:44.7@55A CUT:380V:40.7@80A	220V:CUT:25-55A/315V MMA: 100A-220A/72.4V 380V:CUT:25-80A/270V MMA:100A-280A/62.6V	550X280X545	41

CUT 100I/165I

INDUSTRIAL, IGBT MODULE , HF, CLASSICAL

THE SHARP WEAPON FOR HEAVY PLATE

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 Upto 20/25/30mm Thickness Carbon Steel, Max
- Cut Up To 30/35/45mm 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	550x280x545	34
CUT 165I	380V/3P/50-60Hz	160A/144V/60% 125A/130V/100%	49A@160A	40-160A/370V	670X320X640	45

CUT 120GT

INDUSTRIAL, HF, CNC

CNC LEADS TO TECHNOLOGICAL INNOVATION

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 10/15/20mm Thickness Carbon Steel, Max Cut Up To 16/25/30mm 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)
CUT120GT	380V/3P/50-60Hz	100A/120V/40% 80A/108V/100%	23A@120A	20-120A/300V	546X292X478	28

CUT 120NA

INDUSTRIAL, IGBT, HF,

COMPRESSOR INSIDE, WITH MMA FUNCTION

Processes

- CUT
- MMA



Package Includes

- Inverter Power Source
- CUT Torch, 10m
- Earth Clamp, 3m

Optional Accessories

- Electrode Holders, 3m
- Air Filter
- Hose, 3m
- Helment

Features

- Compressor Inside
- Cut And MMA Dual Function
- Quality Cut Up To 20/30mm Thickness Carbon Steel, Max Cut Up To 35/40mm Carbon Steel
- Non-stop Welding For 3.2 And 4.0mm Electrode
- 2T/4T, Gas Purge And Gas Source Function Selectable
- 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 120NA	380V/3P/50-60Hz	CUT: 110A/124V/40% 75A/110V/100% MMA:300A/32V/40% 200A/28V/100%	CUT : 25.3A@110A MMA:18.5A@300A	CUT:25-110A/270V MMA:100A-300A/67V	670X320X640	55.5

MZ 1000CV/1250CV

HEAVY INDUSTRIAL, AUTOMATIC, EFFICIENT

COMPATIBLE WITH HIGH EFFICIENCY AND HIGH DEPOSITION RATE

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
- Helmet



Features

- Equip Auto Start Interface To Special Machine
- Analog Keys And Rotary Knobs For Convenient Operation
- Intelligent Energy Saving Mode As The Machine Stops 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 Arrived 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)
MZ1000CV	380V/3P/50-60 HZ	SAW: 1000A/44V/60% 775A/44V/100% MMA: 1000A/44V/40% 775A/44V/100% GOUGE: 1000A/44V/40% 775A/44V/100%	77.2@1000A 100-1000A/98V	TIG: 10-210A/68V(DC) MMA: 10-160A/60A	760X380X800	85
MZ1250CV	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	TIG: 12-300A/62V MMA: 15-240A/62A	760X380X800	85

RILON

