

EVO20

New standard of UX in welding

Passionate About Your Welding

JASIC®



EVO20

New standard of UX in welding

CONTENTS

MMA

ARC160 Z2S12 01
ARC200 Z2S32 02
ARC160 PFC Z2S22 03
ARC200 PFC Z2S42 04

MIG

MIG160 N2S12 07
MIG200 N2S32 08
MIG160 PFC N2S22 09
MIG200 PFC N2S62 10
MIG250 N2S82 11
MIG250 PFC N2SA2 12
MIG200 PFC N2S52 13
MIG250 PFC N2SB2 14
MIG200 PFC LCD N2S53 16

TIG

TIG200 W2S22 19
TIG200P W2S52 20
TIG200 PFC W2S42 21
TIG200P PFC W2S62 22
TIG200PACDC E2S12 23
TIG200PACDC PFC E2S22 24
TIG200PACDC LCD E2S13 25
TIG200PACDC PFC LCD E2S23 26
LC-30 C0S1 27

CUT

CUT40 HF L2S22 31
CUT40 NHF L2S32 32
CUT45 PFC L2S42 33
CUT45 PFC LCD L2S43 34
CUT45PFC SC L2S421 35

Flexible remote control solutions

FRC-01/HRC-01
HRC-02/FRC-02/HRC-03

JASIC's Story

JASIC is a forerunner of IGBT inverter welding technology, and its products were used in some of the most ambitious projects in modern history such as the Beijing Bird's Nest Stadium.

Founded in 2005, the company has grown into an international business with a $200 million annual turnover* and over 1000 staffs worldwide. With 3 R&D centres, JASIC has more than 150 R&D personnel and industry-leading integrated test laboratories certified by TÜV Rheinland and CSA. Exporting to over 80 countries and regions, JASIC has an annual production capacity of 1 million machines.

JASIC is driven by its passion for the world's welding needs, and strives to deliver reliable and ecological solutions.

* *Data of 2021 financial year*







At A Glance

1 Million Units
Annual Production Capacity

1000+
Staffs Worldwide

3 R&D
Centres

Exporting to
80+
Countries

200 Million
Annual Turnover

JASIC Quality

The concept of “JASIC Quality” goes well beyond product quality control. It’s about implementing sustainability strategies in all aspects of JASIC’s operation. Holder of ISO 9001: 2015 and ISO14001: 2015, JASIC strives to develop reliable, energy-efficient, and eco-friendly solutions to the global welding market. JASIC Quality ensures reliability and performance certified by the most prodigious quality management institutions in the world.

Industry-leading Integrated Test Laboratories

A crucial part of JASIC Quality, our integrated test laboratories have been certified as witness test laboratories by both TÜV Rheinland and CSA Group. All welding power sources are comprehensively inspected with 42 test procedures, assuring product compliance with the most stringent quality and safety standards.







2005

09.2005 Founding of JASIC

2006

09.2006
Expanded to Australia

2007

04.2007 Expanded to Russia

Mass adaptation of IGBT technology in JASIC welding machines

06.2007 JASIC welding machines were used in the construction of the Beijing Bird Nest Stadium

12.2007 JASIC welding machines were used in the construction of the China Pavilion, World Expo 2010

2009

10.2009
Obtained CSA Certificate

2010

06.2010
Expanded to Thailand

2011

01.2011
Expanded to Vietnam

03.2011 Company Listed on Shenzhen Stock Exchange



2012

02.2012 JASIC UK established
11.2012 JASIC Technologies America, Inc. established

03.2012 New company head quarter established

03.2012 Integral test laboratory established

2017

12.2017 Obtained TÜV Rheinland Witness Testing Laboratory Appointment Certificate

2018

04.2018 JASIC India founded

05.2018 JASIC Tech Europe established

2020

Reached $158 million milestone in annual turnover

2021

Reached $200 million milestone in annual turnover

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New standard of UX in welding



Redefined Industrial Design & HMI (human-machine interface)

- Rugged, robust looks with ergonomic features
- User-centric human-machine interface experience
- Flexible remote control solutions

Solid Welding Performance

- ***Dash-Arc*** technology for high frequency TIG
- ***Smart Lift-TIG*** arc sensing technology
- Consistent and efficient MIG spot welding performance
- ***Intelligent synergic control***

High Standards in Safety, Reliability, Sustainability

- Power factor correction (PFC) for improved overall energy efficiency, generator-friendliness
- Auto sleep mode for reduced energy consumption
- ***Smart gas*** for optimized shielding gas consumption



Wireless connection



Dash-Arc
For HF TIG

Smart Lift-TIG

HF stabilizing technology
For AC TIG

SurePlasma technology
For non-HF CUT

Mesh cutting

Power factor correction (PFC)

Wide voltage adaptation

Intelligent synergic control

50/60Hz input power source

On-demand fan

Auto sleep mode

Smart gas

Welding engineer mode

LED inside wire feeder cabinet

Handy accessory storage slot

Energy saving and environment friendly

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ARC160

Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- ***Intelligent synergic control***
- ***Smart Lift TIG***
- Anti-stick, adjustable Hot Start and Arc Force
- Quick factory reset
- Dedicated wireless remote control (minimalist version)
- Remote control receiver module (optional)
- ***ABAP: Active Balancing Air Passage***
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specification:

		ARC160 Z2S12
Input power		AC230 V ±15%, 50/60 Hz
Open circuit voltage		62 V
MMA	Rated input current	33 A
	Rated input power capacity	7.6 kVA
	Output current range	20～160 A
	Rated duty cycle	25%
TIG	Rated input current	24 A
	Rated input power capacity	5.5 kVA
	Output current range	10～160 A
	Rated duty cycle	25%
Efficiency		87%
Power factor		0.64
Idle state power		22.6 W
Protection class		IP23S
Insulation class		H
Dimensions L×W×H		375×131×252 mm
Net weight		5.5 kg



Standard Accessories

- 2 pcs quick plugs



ARC200



Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- ***Intelligent synergic control***
- ***Smart Lift TIG***
- Anti-stick, adjustable Hot Start and Arc Force
- Quick factory reset
- Dedicated wireless remote control (minimalist version)
- Remote control receiver module (optional)
- ***ABAP: Active Balancing Air Passage***
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specification:

		ARC200 Z2S32
Input power		AC230 V ±15%, 50/60 Hz
Open circuit voltage		62 V
MMA	Rated input current	39 A
	Rated input power capacity	9 kVA
	Output current range	20~200 A
	Rated duty cycle	25%
TIG	Rated input current	27 A
	Rated input power capacity	6.2 kVA
	Output current range	10~200 A
	Rated duty cycle	25%
Efficiency		87%
Power factor		0.72
Idle state power		25.4 W
Protection class		IP23S
Insulation class		H
Dimensions L×W×H		375×131×252 mm
Net weight		5.5 kg



Standard Accessories

- 2 pcs quick plugs





ARC160 PFC

Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- ***Intelligent synergic control***
- ***Smart Lift TIG***
- Adaptable wide voltage range
- Quick factory reset
- Anti-stick, adjustable Hot Start and Arc Force
- Dedicated wireless remote control (minimalist version)
- Remote control receiver module (optional)
- Power factor correction (PFC), generator-friendly
- ***ABAP: Active Balancing Air Passage***
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



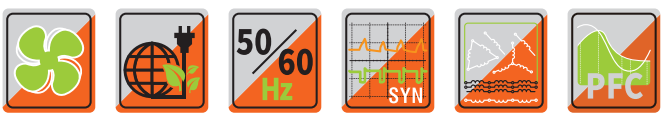
Specification:

		ARC160 PFC Z2S22	
Input power		AC95～265 V, 50/60 Hz	
		AC115 V	AC230 V
Open circuit voltage		78 V	
MMA	Rated input current	28.7 A	22.6 A
	Rated input power capacity	3.3 kVA	5 kVA
	Output current range	20～110 A	20～160 A
	Rated duty cycle	25%	
TIG	Rated input current	23.3 A	14.0 A
	Rated input power capacity	2.2 kVA	3.2 kVA
	Output current range	10～120 A	10～160 A
	Rated duty cycle	25%	
Efficiency		86%	
Power factor		0.99	
Idle state power		MMA: 38.2 W TIG: 7 W	
Protection class		IP23S	
Insulation class		H	
Dimensions L×W×H		413×150×311 mm	
Net weight		7.2 kg	



Standard Accessories

- 2 pcs quick plugs



ARC200 PFC



Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- ***Intelligent synergic control***
- ***Smart Lift TIG***
- Adaptable wide voltage range
- Quick factory reset
- Anti-stick, adjustable Hot Start and Arc Force
- Dedicated wireless remote control (minimalist version)
- Remote control receiver module (optional)
- Power factor correction (PFC), generator-friendly
- ***ABAP: Active Balancing Air Passage***
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specification:

		ARC200 PFC Z2S42	
Input power		AC95～265 V, 50/60 Hz	
		AC115 V	AC230 V
Open circuit voltage		78V	
MMA	Rated input current	31.2 A	29.7 A
	Rated input power capacity	3.6 kVA	6.8 kVA
	Output current range	20～120 A	20～200 A
	Rated duty cycle	25%	
TIG	Rated input current	27.2 A	19.6 A
	Rated input power capacity	3.1 kVA	4.5 kVA
	Output current range	10～160 A	10～200 A
	Rated duty cycle	25%	
Efficiency		85%	
Power factor		0.99	
Idle state power		MMA: 46.8 W TIG: 7 W	
Protection class		IP23S	
Insulation class		H	
Dimensions L×W×H		413×150×311 mm	
Net weight		7.2 kg	



Standard Accessories

- 2 pcs quick plugs



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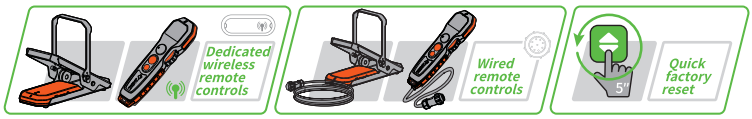
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MIG160

Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- ***Intelligent synergic control***
- Welding engineer mode
- ***Smart Lift TIG***
- Consistent and efficient MIG spot welding performance
- Flexible remote control solutions
- Quick factory reset; auto sleep mode
- Compatible with MIG digital torch and spool gun
- LED inside wire feeder cabinet; handy accessory storage slot
- ***ABAP: Active Balancing Air Passage***
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection





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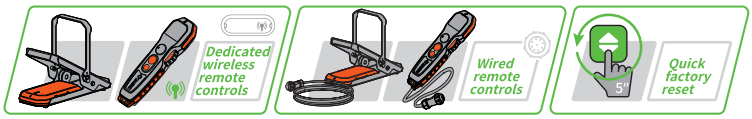
		MIG160 N2S12
Input power		AC230 V ±15%, 50/60 Hz
Open circuit voltage		60 V
MIG	Rated input current	46 A
	Rated input power capacity	7.28 kVA
	Output current range	30～160 A
	Rated duty cycle	30%
	Wire feed speed	2～14 m/min
	Wire spool size	D200
MMA	Rated input current	29 A
	Rated input power capacity	7.26 kVA
	Output current range	20～140 A
	Rated duty cycle	30%
TIG	Rated input current	26 A
	Rated input power capacity	5.98 kVA
	Output current range	5～160 A
	Rated duty cycle	30%
Efficiency		83.6%
Power factor		0.58
Idle state power		＜50 W
Protection class		IP23S
Insulation class		H
Dimensions L×W×H		565×220×415 mm
Net weight		15 kg



Standard Accessories

- 3M MB-15 MIG torch
- 3M earch clamp
- 1 pc quick socket
- 2 pcs hose clamps

MIG200



Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- ***Intelligent synergic control***
- Welding engineer mode
- ***Smart Lift TIG***
- Consistent and efficient MIG spot welding performance
- Flexible remote control solutions
- Quick factory reset; auto sleep mode
- Compatible with MIG digital torch and spool gun
- LED inside wire feeder cabinet; handy accessory storage slot
- ***ABAP: Active Balancing Air Passage***
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



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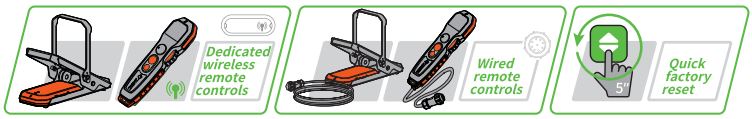
		MIG200 N2S32
Input power		AC230 V ±15%, 50/60 Hz
Open circuit voltage		60 V
MIG	Rated input current	46 A
	Rated input power capacity	8.85 kVA
	Output current range	30~200 A
	Rated duty cycle	30%
	Wire feed speed	2~15 m/min
	Wire spool size	D200
MMA	Rated input current	36 A
	Rated input power capacity	8.81 kVA
	Output current range	20~180 A
	Rated duty cycle	30%
TIG	Rated input current	32 A
	Rated input power capacity	7.53 kVA
	Output current range	5~200 A
	Rated duty cycle	30%
Efficiency		81.4%
Power factor		0.65
Idle state power		<50 W
Protection class		IP23S
Insulation class		H
Dimensions L×W×H		565×220×415 mm
Net weight		15 kg



Standard Accessories

- 3M MB-15 MIG torch
- 3M earch clamp
- 1 pc quick socket
- 2 pcs hose clamps





MIG160 PFC

Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- ***Intelligent synergic control***
- Adaptable wide voltage range
- Welding engineer mode
- ***Smart Lift TIG***
- Consistent and efficient MIG spot welding performance
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- Compatible with MIG digital torch and spool gun
- LED inside wire feeder cabinet; handy accessory storage slot
- ***ABAP: Active Balancing Air Passage***
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection





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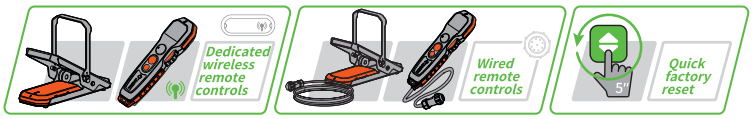
		MIG160 PFC N2S22	
Input power		AC95~265 V, 50/60 Hz	
		AC115 V	AC230 V
Open circuit voltage		67 V	
MIG	Rated input current	37.5 A	33 A
	Rated input power capacity	2.98 kVA	4.22 kVA
	Output current range	30~120 A	30~160 A
	Rated duty cycle	30%	
	Wire feed speed	2~11 m/min	2~14 m/min
	Wire spool size	D200	
MMA	Rated input current	25.3 A	18.5 A
	Rated input power capacity	2.26 kVA	4.19 kVA
	Output current range	20~100 A	20~140 A
	Rated duty cycle	30%	
TIG	Rated input current	16.4 A	14.4 A
	Rated input power capacity	1.79 kVA	3.23 kVA
	Output current range	5~100 A	5~160 A
	Rated duty cycle	30%	
Efficiency		84%	
Power factor		0.99	
Idle state power		<50 W	
Protection class		IP23S	
Insulation class		H	
Dimensions L×W×H		565×220×415 mm	
Net weight		16 kg	



Standard Accessories

- 3M MB-15 MIG torch
- 3M earch clamp
- 1 pc quick socket
- 2 pcs hose clamps

MIG200 PFC



Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- ***Intelligent synergic control***
- Adaptable wide voltage range
- Welding engineer mode
- ***Smart Lift TIG***
- Consistent and efficient MIG spot welding performance
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- Compatible with MIG digital torch and spool gun
- LED inside wire feeder cabinet; handy accessory storage slot
- ***ABAP: Active Balancing Air Passage***
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specification:

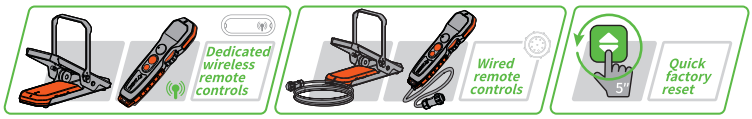
		MIG200 PFC N2S62	
Input power		AC95～265 V, 50/60 Hz	
		AC115 V	AC230 V
Open circuit voltage		67 V	
MIG	Rated input current	41.8 A	38.3 A
	Rated input power capacity	3.68 kVA	5.74 kVA
	Output current range	30～140 A	30～200 A
	Rated duty cycle	25%	
	Wire feed speed	2～13 m/min	2～15 m/min
	Wire spool size	D200	
MMA	Rated input current	28.5 A	25 A
	Rated input power capacity	3.28 kVA	5.77 kVA
	Output current range	20～110 A	20～180 A
	Rated duty cycle	25%	
TIG	Rated input current	23.7 A	19.1 A
	Rated input power capacity	2.79 kVA	4.43 kVA
	Output current range	5～140 A	5～200 A
	Rated duty cycle	25%	
Efficiency		84%	
Power factor		0.99	
Idle state power		＜50 W	
Protection class		IP23S	
Insulation class		H	
Dimensions L×W×H		565×220×415 mm	
Net weight		16 kg	



Standard Accessories

- 3M MB-15 MIG torch
- 3M earch clamp
- 1 pc quick socket
- 2 pcs hose clamps





MIG250

Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- ***Intelligent synergic control***
- Welding engineer mode
- ***Smart Lift TIG***
- Consistent and efficient MIG spot welding performance
- Flexible remote control solutions
- Quick factory reset; auto sleep mode
- Compatible with MIG digital torch and spool gun
- LED inside wire feeder cabinet; handy accessory storage slot
- ***ABAP: Active Balancing Air Passage***
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection





Specification:

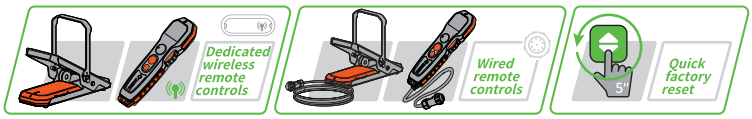
		MIG250 N2S82
Input power		AC230 V ±15%, 50/60 Hz
Open circuit voltage		60 V
MIG	Rated input current	46.3 A
	Rated input power capacity	10.51 kVA
	Output current range	30~250 A
	Rated duty cycle	30%
	Wire feed speed	2~18 m/min
	Wire spool size	D300
MMA	Rated input current	41.3 A
	Rated input power capacity	10.16 kVA
	Output current range	20~220 A
	Rated duty cycle	30%
TIG	Rated input current	33.5 A
	Rated input power capacity	9.08 kVA
	Output current range	5~250 A
	Rated duty cycle	30%
Efficiency		85.7%
Power factor		0.73
Idle state power		<50 W
Protection class		IP23S
Insulation class		H
Dimensions L×W×H		700×280×511 mm
Net weight		23.5 kg



Standard Accessories

- 3M MB-24
- 3M earch clamp
- 1 pc quick socket
- 2 pcs hose clamps

MIG250 PFC



Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- ***Intelligent synergic control***
- Welding engineer mode
- ***Smart Lift TIG***
- Consistent and efficient MIG spot welding performance
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- Compatible with MIG digital torch and spool gun
- LED inside wire feeder cabinet; handy accessory storage slot
- ***ABAP: Active Balancing Air Passage***
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specification:

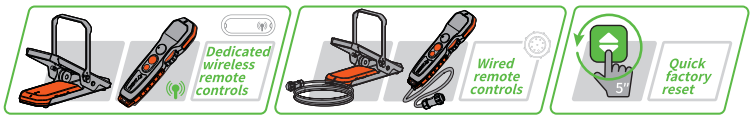
		MIG250 PFC N2SA2	
Input power		AC95～265 V, 50/60 Hz	
		115 V	230 V
Open circuit voltage		65 V	
MIG	Rated input current	38.7 A	43.7 A
	Rated input power capacity	4.32 kVA	7.84 kVA
	Output current range	30～160 A	30～250 A
	Rated duty cycle	30%	
	Wire feed speed	2～13 m/min	2～18 m/min
	Wire spool size	D300	
MMA	Rated input current	33 A	31.9 A
	Rated input power capacity	3.75 kVA	7.34 kVA
	Output current range	20～125 A	20～220 A
	Rated duty cycle	30%	
TIG	Rated input current	28.9 A	26.6 A
	Rated input power capacity	3.31 kVA	6.07 kVA
	Output current range	5～160 A	5～250 A
	Rated duty cycle	30%	
Efficiency		85%	
Power factor		0.99	
Idle state power		＜50 W	
Protection class		IP23S	
Insulation class		H	
Dimensions L×W×H		700×280×511 mm	
Net weight		26.5 kg	



Standard Accessories

- 3M MB-24
- 3M earch clamp
- 1 pc quick socket
- 2 pcs hose clamps





MIG200 PFC

Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- ***Intelligent synergic control***
- Adaptable wide voltage range
- Welding engineer mode
- ***Smart Lift TIG***
- Consistent and efficient MIG spot welding performance
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- Compatible with MIG digital torch, spool gun and pull-push torch
- LED inside wire feeder cabinet; handy accessory storage slot
- On demand fan
- Trolley with cylinder holder
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent, overheat, overvoltage protection





Specification:

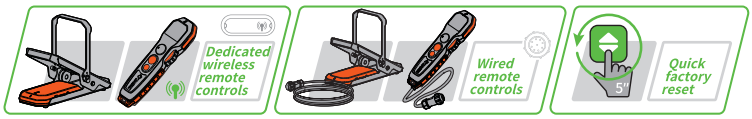
		MIG200 PFC N2S52	
Input power		AC95～265 V, 50/60 Hz	
		115 V	230 V
Open circuit voltage		68 V	
MIG	Rated input current	38.1 A	32.8 A
	Rated input power capacity	4.4 kVA	7.5 kVA
	Output current range	30～140 A	30～200 A
	Rated duty cycle	30%	
	Wire feed speed	2～12 m/min	2～16 m/min
	Wire spool size	D300	
MMA	Rated input current	28.3 A	24.8 A
	Rated input power capacity	3.2 kVA	5.7 kVA
	Output current range	20～110 A	20～180 A
	Rated duty cycle	30%	
TIG	Rated input current	24.2 A	19.3 A
	Rated input power capacity	2.8 kVA	4.4 kVA
	Output current range	5～140 A	5～200 A
	Rated duty cycle	30%	
Efficiency		>80%	
Power factor		0.99	
Idle state power		<50 W	
Protection class		IP23S	
Insulation class		H	
Dimensions L×W×H		920×480×755 mm	
Net weight		41.9 kg	



Standard Accessories

- 3M MB-15 MIG torch
- 3M earch clamp
- 1 pc quick socket
- 2 pcs hose clamps

MIG250 PFC



Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- ***Intelligent synergic control***
- Adaptable wide voltage range
- Welding engineer mode
- ***Smart Lift TIG***
- Consistent and efficient MIG spot welding performance
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- Compatible with MIG digital torch, spool gun and pull-push torch
- LED inside wire feeder cabinet; handy accessory storage slot
- On demand fan
- Trolley with cylinder holder
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent, overheat, overvoltage protection



Specification:

		MIG250 PFC N2SB2	
Input power		AC95～265 V, 50/60 Hz	
		115 V	230 V
Open circuit voltage		70 V	
MIG	Rated input current	53.2 A	44.9 A
	Rated input power capacity	6.1 kVA	10.3 kVA
	Output current range	30～160 A	30～250 A
	Rated duty cycle	30%	
	Wire feed speed	2～14 m/min	2～18 m/min
	Wire spool size	D300	
MMA	Rated input current	33 A	32.2 A
	Rated input power capacity	3.8 kVA	6.9 kVA
	Output current range	20～125 A	20～220 A
	Rated duty cycle	30%	
TIG	Rated input current	29.1 A	26.5 A
	Rated input power capacity	3.3 kVA	6.1 kVA
	Output current range	5～160 A	5～250 A
	Rated duty cycle	30%	
Efficiency		>80%	
Power factor		0.99	
Idle state power		<50 W	
Protection class		IP23S	
Insulation class		H	
Dimensions L×W×H		920×480×755 mm	
Net weight		41.9 kg	



Standard Accessories

- 3M MB-24
- 3M earch clamp
- 1 pc quick socket
- 2 pcs hose clamps





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MIG200 PFC LCD



Feature:

- Rugged, robust, and industrial look with ergonomic design
- Color LCD control panel
- ***Intelligent synergic control***
- Adaptable wide voltage range
- ***Smart Lift TIG***
- Consistent and efficient MIG spot welding performance
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- Compatible with MIG digital torch, spool gun and pull-push torch
- LED inside wire feeder cabinet; handy accessory storage slot
- On demand fan
- Trolley with cylinder holder
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent, overheat, overvoltage protection



Specification:

		MIG200 PFC LCD N2S53	
Input power		AC95～265 V, 50/60 Hz	
		115 V	230 V
Open circuit voltage		68 V	
MIG	Rated input current	38.1 A	32.8 A
	Rated input power capacity	4.4 kVA	7.5 kVA
	Output current range	30～140 A	30～200 A
	Rated duty cycle	30%	
	Wire feed speed	2～12 m/min	2～16 m/min
	Wire spool size	D300	
MMA	Rated input current	28.3 A	24.8 A
	Rated input power capacity	3.2 kVA	5.7 kVA
	Output current range	20～110 A	20～180 A
	Rated duty cycle	30%	
TIG	Rated input current	24.2 A	19.3 A
	Rated input power capacity	2.8 kVA	4.4 kVA
	Output current range	5～140 A	5～200 A
	Rated duty cycle	30%	
Efficiency		>80%	
Power factor		0.99	
Idle state power		<50 W	
Protection class		IP23S	
Insulation class		H	
Dimensions L×W×H		920×480×755 mm	
Net weight		41.9 kg	



Standard Accessories

- 3M MB-15 MIG torch
- 3M earch clamp
- 1 pc quick socket
- 2 pcs hose clamps





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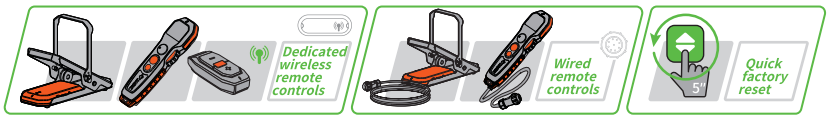
New standard of UX in welding

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TIG200

Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- ***Dash-Arc***
- ***Smart Lift TIG***
- Full-featured TIG parameters
- Flexible remote control solutions
- Quick factory reset; auto sleep mode
- ***ABAP: Active Balancing Air Passage***
- ***Smart gas*** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specification:

		TIG200 W2S22
Input power		AC230 V ±15%, 50/60 Hz
Open circuit voltage		62 V
TIG	Rated input current	27 A
	Rated input power capacity	6.2 kVA
	Output current range	5~200 A
	Rated duty cycle	25%
MMA	Rated input current	29 A
	Rated input power capacity	6.7 kVA
	Output current range	10~160 A
	Rated duty cycle	20%
Efficiency		86%
Power factor		0.68
Idle state power		MMA: 25 W TIG: 2.4 W
Protection class		IP23S
Insulation class		H
Dimensions L×W×H		413×150×311 mm
Net weight		7.92 kg

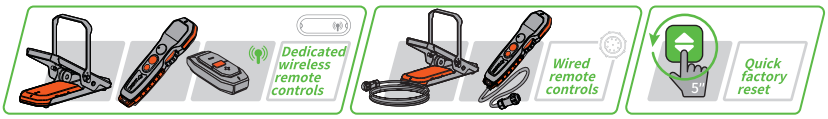




Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earch clamp
- 1 pc quick socket
- 2 pcs hose clamps
- 1 pc quick plug
- 1 pc tungsten electrode

TIG200P



Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- ***Dash-Arc***
- ***Smart Lift TIG***
- Full-featured pulse TIG parameters
- Flexible remote control solutions
- Quick factory reset; auto sleep mode
- ***ABAP: Active Balancing Air Passage***
- ***Smart gas*** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specification:

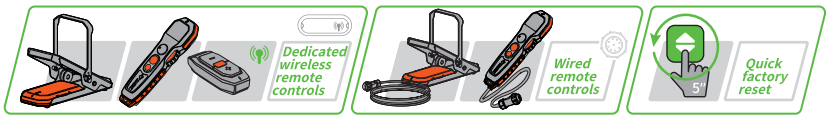
		TIG200P W2S52
Input power		AC230 V ±15%, 50/60 Hz
Open circuit voltage		62 V
TIG	Rated input current	27 A
	Rated input power capacity	6.2 kVA
	Output current range	5～200 A
	Rated duty cycle	25%
MMA	Rated input current	29 A
	Rated input power capacity	6.7 kVA
	Output current range	10～160 A
	Rated duty cycle	20%
Efficiency		86%
Power factor		0.68
Idle state power		MMA: 25 W TIG: 2.4 W
Protection class		IP23S
Insulation class		H
Dimensions L×W×H		413×150×311 mm
Net weight		7.92 kg



Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earch clamp
- 1 pc quick socket
- 2 pcs hose clamps
- 1 pc quick plug
- 1 pc tungsten electrode





TIG200 PFC

Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- Adaptable wide voltage range
- ***Dash-Arc***
- ***Smart Lift TIG***
- Full-featured TIG parameters
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- ***ABAP: Active Balancing Air Passage***
- ***Smart gas*** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specification:

		TIG200 PFC W2S42	
Input power		AC95～265 V, 50/60 Hz	
		AC115 V	AC230 V
Open circuit voltage		68 V	
TIG	Rated input current	29.7 A	19.5 A
	Rated input power capacity	3.4 kVA	4.5 kVA
	Output current range	5～160 A	5～200 A
	Rated duty cycle	25%	
MMA	Rated input current	31.6 A	25.6 A
	Rated input power capacity	3.7 kVA	5.9 kVA
	Output current range	10～120 A	10～180 A
	Rated duty cycle	25%	
Efficiency		84%	
Power factor		0.99	
Idle state power		MMA: 33 W TIG: 7 W	
Protection class		IP23S	
Insulation class		H	
Dimensions L×W×H		453×150×313 mm	
Net weight		8.97 kg	

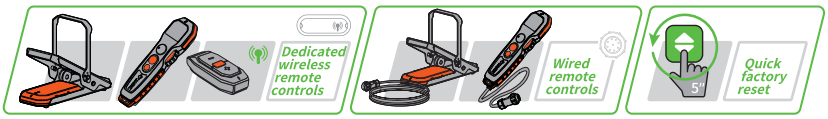


Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earch clamp
- 1 pc quick socket
- 2 pcs hose clamps
- 1 pc quick plug
- 1 pc tungsten electrode



TIG200P PFC



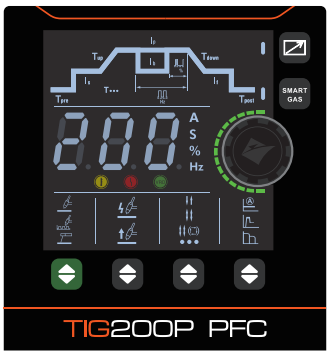
Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- Adaptable wide voltage range
- ***Dash-Arc***
- ***Smart Lift TIG***
- Full-featured pulse TIG parameters
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- ***ABAP: Active Balancing Air Passage***
- ***Smart gas*** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specification:

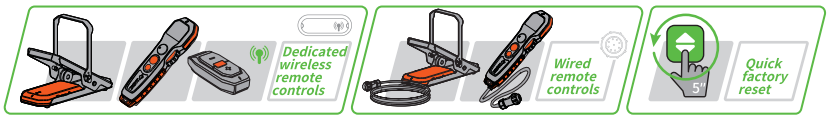
		TIG200P PFC W2S62	
Input power		AC95～265 V, 50/60 Hz	
		AC115 V	AC230 V
Open circuit voltage		68 V	
TIG	Rated input current	29.7 A	19.5 A
	Rated input power capacity	3.4 kVA	4.5 kVA
	Output current range	5～160 A	5～200 A
	Rated duty cycle	25%	
MMA	Rated input current	31.6 A	25.6 A
	Rated input power capacity	3.7 kVA	5.9 kVA
	Output current range	10～120 A	10～180 A
	Rated duty cycle	25%	
Efficiency		84%	
Power factor		0.99	
Idle state power		MMA: 33 W TIG: 7 W	
Protection class		IP23S	
Insulation class		H	
Dimensions L×W×H		453×150×313 mm	
Net weight		8.97 kg	



Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earch clamp
- 1 pc quick socket
- 2 pcs hose clamps
- 1 pc quick plug
- 1 pc tungsten electrode





TIG200PACDC

Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- HF stabilizing technology
- ***Dash-Arc***
- ***Smart Lift TIG***
- Full-featured pulse TIG parameters
- Multiple AC waveforms
- Mixed waveform, mixed waveform frequency, mixed wave duty cycle
- Flexible remote control solutions
- Quick factory reset; auto sleep mode
- Water cooled option available
- ***ABAP: Active Balancing Air Passage***
- ***Smart gas*** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specification:

		TIG200PACDC E2S12
Input power		AC230 V±15%, 50/60 Hz
Open circuit voltage		60 V
TIG	Rated input current	25 A
	Rated input power capacity	6.0 kVA
	Output current range	DC: 5～200 A AC: 20～200 A
	Rated duty cycle	25%
MMA	Rated input current	27 A
	Rated input power capacity	7.0 kVA
	Output current range	10～160 A
	Rated duty cycle	20%
Efficiency		80%
Power factor		0.75
Idle state power		＜50 W
Protection class		IP23S
Insulation class		H
Dimensions L×W×H		490×165×341 mm
Net weight		11.7 kg

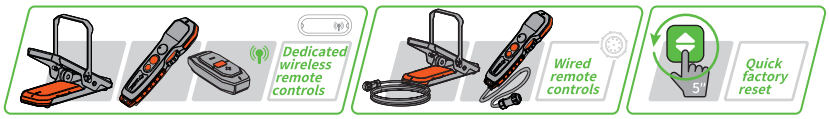


Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earch clamp
- 1 pc quick socket
- 2 pcs hose clamps



TIG200PACDC PFC



Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- Adaptable wide voltage range
- HF stabilizing technology
- ***Dash-Arc***
- ***Smart Lift TIG***
- Full-featured pulse TIG parameters
- Multiple AC waveforms
- Mixed waveform, mixed waveform frequency, mixed wave duty cycle
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- Water cooled option available
- ***ABAP: Active Balancing Air Passage***
- ***Smart gas*** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specification:

		TIG200P ACDC PFC E2S22	
Input power		AC95～265 V, 50/60 Hz	
		AC115 V	AC230 V
Open circuit voltage		65 V	
TIG	Rated input current	32.2 A	21.1 A
	Rated input power capacity	3.5 kVA	4.7 kVA
	Output current range	DC: 5～160 A AC: 20～160 A	DC: 5～200 A AC: 20～200 A
	Rated duty cycle	25%	
MMA	Rated input current	34.1 A	22.7 A
	Rated input power capacity	3.9 kVA	5.6 kVA
	Output current range	10～120 A	10～160 A
	Rated duty cycle	30%	
Efficiency		80%	
Power factor		0.95	
Idle state power		＜50 W	
Protection class		IP23S	
Insulation class		H	
Dimensions L×W×H		490×165×341 mm	
Net weight		11.9 kg	





Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earch clamp
- 1 pc quick socket
- 2 pcs hose clamps



TIG200PACDC LCD

Feature:

- Rugged, robust, and industrial look with ergonomic design
- Color LCD control panel
- HF stabilizing technology
- ***Dash-Arc***
- ***Smart Lift TIG***
- Job parameters saver
- Full-featured pulse TIG parameters
- Multiple AC waveforms
- Mixed waveform, mixed waveform frequency, mixed wave duty cycle
- Flexible remote control solutions
- Quick factory reset; auto sleep mode
- Water cooled option available
- ***ABAP: Active Balancing Air Passage***
- ***Smart gas*** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specification:

		TIG200P ACDC LCD E2S13
Input power		AC230 V ±15%, 50/60 Hz
Open circuit voltage		60 V
TIG	Rated input current	25 A
	Rated input power capacity	6.0 kVA
	Output current range	DC: 5～200 A AC: 20～200 A
	Rated duty cycle	25%
MMA	Rated input current	27 A
	Rated input power capacity	7.0 kVA
	Output current range	10～160 A
	Rated duty cycle	20%
Efficiency		80%
Power factor		0.75
Idle state power		＜50 W
Protection class		IP23S
Insulation class		H
Dimensions L×W×H		490×165×341 mm
Net weight		11.7 kg

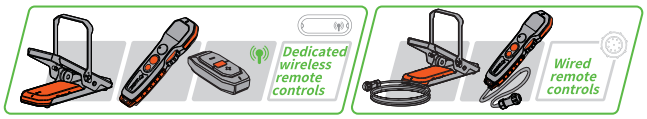


Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earch clamp
- 1 pc quick socket
- 2 pcs hose clamps



TIG200PACDC PFC LCD



Feature:

- Rugged, robust, and industrial look with ergonomic design
- Color LCD control panel
- Adaptable wide voltage range
- HF stabilizing technology
- ***Dash-Arc***
- ***Smart Lift TIG***
- Job parameters saver
- Full-featured pulse TIG parameters
- Multiple AC waveforms
- Mixed waveform, mixed waveform frequency, mixed wave duty cycle
- Flexible remote control solutions
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- Water cooled option available
- ***ABAP: Active Balancing Air Passage***
- ***Smart gas*** for optimized shielding gas consumption
- On demand fan
- Voltage Reduction Device (VRD)
- Key power electronic component protection
- Overcurrent and overheat protection



Specification:

		TIG200P ACDC PFC LCD E2S23	
Input power		AC95～265 V, 50/60 Hz	
		AC115 V	AC230 V
Open circuit voltage		65 V	
TIG	Rated input current	32.2 A	21.1 A
	Rated input power capacity	3.5 kVA	4.7 kVA
	Output current range	DC: 5～160 A AC: 20～160 A	DC: 5～200 A AC: 20～200 A
	Rated duty cycle	25%	
MMA	Rated input current	34.1 A	22.7 A
	Rated input power capacity	3.9 kVA	5.6 kVA
	Output current range	10～120 A	10～160 A
	Rated duty cycle	30%	
Efficiency		80%	
Power factor		0.95	
Idle state power		＜50 W	
Protection class		IP23S	
Insulation class		H	
Dimensions L×W×H		490×165×341 mm	
Net weight		11.9 kg	



Standard Accessories

- 4M SGT26-S1 180A TIG torch
- 3M earch clamp
- 1 pc quick socket
- 2 pcs hose clamps



Water cooler

LC-30



Feature:

- Stable flow by water-flow stabilizing technology
- Over heating protection
- Water-flow protection
- Automatic pressure relieving device

Specification:

	LC-30 C0S1
Input voltage	Single-phase AC95～265V, 50/60Hz
Rated input power	AC115@92w
	AC230@115W
Volume of water tank	3.5 L
Maximum pressure	0.48 MPa
Maximum flow rate	4 L/min
Rated cooling power	0.52 KW (1L/min)
Protection class	IP23S
Coolant	Pure water, anti-freezing solution, mixed liquid
Operating ambient temperature	Mixed liquid, pure water: 5 °C～60 °C
	Anti-freezing solution: −20 °C～60 °C
Storage temperature	−20 °C～60 °C
Noise	＜70 db
Machine dimensions	527×182×224 mm
Weight	8.6 kg




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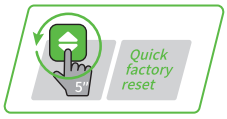
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CUT40 HF

Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- Welding engineer mode
- Mesh cutting, 2T/4T, HF arc ignition and pilot arc
- Gas check, postflow time setting, cutting torch length setting
- Quick factory reset; auto sleep mode
- ***ABAP: Active Balancing Air Passage***
- On demand fan
- Key power electronic component protection
- Overcurrent and overheat protection



Specification:

	CUT40 HF L2S22
Input power	AC230 V ±15%, 50/60 Hz
Open circuit voltage	280 V
Rated input current	26 A
Rated input power capacity	6.0 kVA
Output current range	20～40 A
Arc starting	HF
Rated duty cycle	25%
Good cutting (carbon steel)/@400mm/min	10 mm
Severance (carbon steel)	20 mm
Efficiency	88%
Power factor	0.6
Idle state power	＜50 W
Protection class	IP23S
Insulation class	H
Dimensions L×W×H	546×166×341 mm
Net weight	9.6 kg

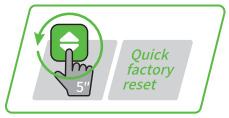


Standard Accessories

- 6M LT50 cutting torch
- 3M earth clamp
- 2 pcs electrodes
- 2 pcs nozzles
- Quick socket



CUT40 NHF



Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- Welding engineer mode
- ***SurePlasma*** technology for consistent arc ignition performance with different torch lengths
- Mesh cutting, 2T/4T, non HF arc ignition and pilot arc
- Gas check, postflow time setting, cutting torch length setting
- Quick factory reset; auto sleep mode
- ***ABAP: Active Balancing Air Passage***
- On demand fan
- Key power electronic component protection
- Overcurrent and overheat protection



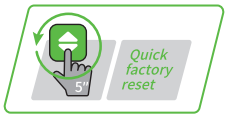
Specification:

	CUT40 NHF L2S32
Input power	AC230 V ±15%, 50/60 Hz
Open circuit voltage	280 V
Rated input current	26 A
Rated input power capacity	6 kVA
Output current range	20～40 A
Arc starting	NHF
Rated duty cycle	25%
Good cutting (carbon steel)/@400mm/min	10 mm
Severance (carbon steel)	20 mm
Efficiency	88%
Power factor	0.6
Idle state power	＜50 W
Protection class	IP23S
Insulation class	H
Dimensions L×W×H	546×166×341 mm
Net weight	9.2 kg



Standard Accessories

- 6M IPT40 cutting torch
- 3M earth clamp
- 2 pcs electrodes
- 2 pcs nozzles
- Quick socket



CUT45 PFC

Feature:

- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- Adaptable wide voltage range
- Welding engineer mode
- ***SurePlasma*** technology for consistent arc ignition performance with different torch lengths
- Mesh cutting, 2T/4T, non HF arc ignition and pilot arc
- Gas check, postflow time setting, cutting torch length setting
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- ***ABAP: Active Balancing Air Passage***
- On demand fan
- Key power electronic component protection
- Overcurrent and overheat protection



Specification:

	CUT45 PFC L2S42	
Input power	AC95～265 V, 50/60 Hz	
	115 V	230 V
Open circuit voltage	300 V	
Rated input current	31 A	23 A
Rated input power capacity	3.6 kVA	5.3 kVA
Output current range	20～30 A	20～45 A
Arc starting	NHF	
Rated duty cycle	25%	
Good cutting (carbon steel)/@400mm/min	5 mm	14 mm
Severance (carbon steel)	12 mm	25 mm
Efficiency	86%	
Power factor	0.99	
Idle state power	＜50 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	546×166×341 mm	
Net weight	10 kg	





Standard Accessories

- 6M IPT40 cutting torch
- 3M earth clamp
- 2 pcs electrodes
- 2 pcs nozzles
- 2 pcs hose clamps
- Quick socket

CUT45 PFC LCD

Feature:

- Rugged, robust, and industrial look with ergonomic design
- Color LCD control panel
- Adaptable wide voltage range
- ***SurePlasma*** technology for consistent arc ignition performance with different torch lengths
- Mesh cutting, 2T/4T, non HF arc ignition and pilot arc
- Gas check, postflow time setting, cutting torch length setting
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- ***ABAP: Active Balancing Air Passage***
- On demand fan
- Key power electronic component protection
- Overcurrent and overheat protection



Specification:

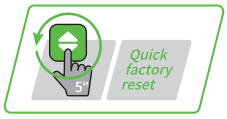
	CUT45 PFC LCD L2S43	
Input power	AC95～265 V, 50/60 Hz	
	115 V	230 V
Open circuit voltage	300 V	
Rated input current	31 A	23 A
Rated input power capacity	3.6 kVA	5.3 kVA
Output current range	20～30 A	20～45 A
Arc starting	NHF	
Rated duty cycle	25%	
Good cutting (carbon steel)/@400mm/min	5 mm	14 mm
Severance (carbon steel)	12 mm	25 mm
Efficiency	86%	
Power factor	0.99	
Idle state power	＜50 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	546×166×341 mm	
Net weight	10 kg	





Standard Accessories

- 6M IPT40 cutting torch
- 3M earth clamp
- 2 pcs electrodes
- 2 pcs nozzles
- 2 pcs hose clamps
- Quick socket



CUT45 PFC SC

Feature:

- With separated compressor unit
- Rugged, robust, and industrial look with ergonomic design
- ***ClearVision*** Technology
- Adaptable wide voltage range
- Welding engineer mode
- ***SurePlasma*** technology for consistent arc ignition performance with different torch lengths
- Mesh cutting, 2T/4T, non HF arc ignition and pilot arc
- Gas check, postflow time setting, cutting torch length setting
- Power factor correction (PFC), generator-friendly
- Quick factory reset; auto sleep mode
- ***ABAP: Active Balancing Air Passage***
- On demand fan
- Key power electronic component protection
- Overcurrent and overheat protection



Specification:

	CUT45PFC SC L2S421	
Input power	AC95～265 V, 50/60 Hz	
	115 V	230 V
Open circuit voltage	300 V	
Rated input current	37 A	27 A
Rated input power capacity	4.3 kVA	6.2 kVA
Output current range	20～30 A	20～45 A
Arc starting	NHF	
Rated duty cycle	25%	
Good cutting (carbon steel)/@400mm/min	5 mm	14 mm
Severance (carbon steel)	12 mm	25 mm
Efficiency	86%	
Power factor	0.99	
Idle state power	＜50 W	
Protection class	IP23S	
Insulation class	H	
Dimensions L×W×H	548×187×558 mm	
Net weight	26.5 kg	





Standard Accessories

- 6M IPT40 cutting torch
- 3M earth clamp
- 2 pcs electrodes
- 2 pcs nozzles
- 2 pcs hose clamps
- Quick socket

Flexible remote control solutions



Dedicated handheld remote control (wired)
Model: HRC-01
Dimensions:
206.0 mm×52.0 mm×36.0 mm (Without hook)
206.0 mm×52.0 mm×42.0 mm (With hook)
Interface: 9-pin aviation connector
wired range:10 m



Wired foot pedal remote control
Model: FRC-01
Dimensions:
324.0 mm×143.0 mm×237.3 mm (Opened)
319.0 mm×143.0 mm×82.5 mm (Closed)
Interface: 9-pin aviation connector
wired range:10 m



Dedicated handheld remote control (wireless)
Model: HRC-02
Dimensions:
203.0 mm×52.0 mm×32.0 mm (Without hook)
203.0 mm×52.0 mm×42.0 mm (With hook)
Wireless range: 30 m



Minimalist handheld remote control (wireless)
Model: HRC-03
Dimensions: 68.0 mm×32.0 mm×18.0 mm
Interface: 433MHz wireless communication interface
Wireless range: 30 m



Wireless foot pedal remote control
Model: FRC-02
Dimensions:
311.3 mm×143.0 mm×237.3 mm (Opened)
306.3 mm×143.0 mm×82.5 mm (Closed)
Wireless range: 30 m

SHENZHEN JASIC TECHNOLOGY CO., LTD.
Address: No. 3, Qinglan 1st Road, Pingshan District, Shenzhen, Guangdong, China
Postcode: 518118
Tel: 0755-29651666 Fax: 0755-27364108
Website: www.jasictech.com E-mail: sales@jasictech.com

@JASICTechOfficial jasic-tech @JASICTechOfficial

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