



JASIC

PLASMA

 JASIC®



The Jasic EVO CUT 45 is a high-performance digital inverter plasma cutter, engineered with advanced PFC technology for outstanding cutting performance.

Its ClearVision display ensures excellent visibility in any lighting, while the digital encoder allows precise and effortless parameter adjustment.

Built with a unique electrical architecture and Active Balancing Air Passage, the EVO CUT 45 delivers an extended duty cycle and exceptional reliability, even in the harshest conditions—further reinforced by its IP23 protection rating.

An auto sleep mode provides industry-leading energy efficiency, while the mesh cutting facility ensures smooth, consistent performance on mesh and perforated materials.

Optional extras include a TFT-LCD display, CNC wiring kit, and an integrated compressor, offering maximum flexibility to suit professional workshop and site applications.



KEY FEATURES

- With in-built compressor
- Rugged, 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**
- Fan on demand
- Key power electronic component protection
- Overcurrent and overheat protection
- TFT screen (optional)

TECHNICAL DATA

Input voltage	AC 95-265V, 50/60 Hz	
	AC 115V	AC 230V
No load voltage	300V	
I _{eff}	20A	11.5A
Rated input power	3.6kVA	5.3kVA
Current range	20-30A	20-45A
Arc starting	Non HF	
Rated duty cycle @ 40°C	25%	
Clean cut (carbon steel)/@400mm/min	6mm	15mm
Severance (carbon steel)	12mm	25mm
Efficiency	86%	
Power factor	0.99	
Idle state power	<50W	
Protection class	IP23S	
Insulation class	H	
Dimensions LxWxH	546 x 166 x 341mm	
Weight	10Kg	
Recommended generator size	5.5kVA	8kVA

STANDARD ACCESSORIES

6m Hand Plasma Torch (JE60-6),
3m Earth Clamp

OPTIONAL ACCESSORIES

Compressor (EP-SC), TFT Screen (TFT- EP-45P),
Circle Cutting Kit (51865)

* Generator must have AVR

EVO Plasma CUT 45 PFC Compressor

ORDER CODE **EP-45SC**



The Jasic EVO CUT 45SC is a high-performance digital inverter plasma cutter, engineered with advanced PFC technology for outstanding cutting performance.

The EP-45SC comes complete with integrated compressor making it the ideal mobile solution where workshop compressed air is not available. Its ClearVision display ensures excellent visibility in any lighting, while the digital encoder allows precise and effortless parameter adjustment.

Built with a unique electrical architecture and Active Balancing Air Passage, the EVO CUT 45 delivers an extended duty cycle and exceptional reliability, even in the harshest conditions—further reinforced by its IP23 protection rating.

An auto sleep mode provides industry-leading energy efficiency, while the mesh cutting facility ensures smooth, consistent performance on mesh and perforated materials.

Optional extras include a TFT-LCD display, CNC wiring kit, and trolley, offering maximum flexibility for site or workshop applications.



KEY FEATURES

- With in-built compressor
- Rugged, 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**
- Fan on demand
- Key power electronic component protection
- Overcurrent and overheat protection
- TFT screen (optional)

TECHNICAL DATA

	AC 95-265V, 50/60 Hz	
	AC 115V	AC 230V
No load voltage	300V	
I _{eff}	26A	15A
Rated input power	10kVA	6.2kVA
Current range	20-30A	20-45A
Arc starting	Non HF	
Rated duty cycle @ 40°C	25%	
Clean cut (carbon steel)/@400mm/min	5mm	12mm
Severance (carbon steel)	10mm	20mm
Efficiency	86%	
Power factor	0.99	
Idle state power	<50W	
Protection class	IP23S	
Insulation class	H	
Dimensions LxWxH	548 x 187 x 558mm	
Weight	26.5Kg	
Recommended generator size	10kVA	9.5kVA

STANDARD ACCESSORIES

6m Hand Plasma Torch (JE60-6),
3m Earth Clamp, Compressor

OPTIONAL ACCESSORIES

TFT Screen (TFT- EP-45P), Circle Cutting Kit (51865),
Trolley (TR-01/TR-02)

* Generator must have AVR



The Jasic Pro Plasma Cut 60 is a professional high-end cutting inverter equipped with the latest IGBT technology.

This technologically advanced plasma inverter is extremely user-friendly and offers reliable cutting performance.

The machine provides variable cutting control that allows the operator to produce precise smooth cuts.



KEY FEATURES

- Latest IGBT plasma cutting inverter
- Lightweight, portable robust design
- Variable cutting control
- 20mm cut on mild steel
- Non HF ignition
- LED display
- Smooth precise cutting
- CNC connection for automation cutting
- Simple operation
- Includes PT100 6m plasma torch
- Generator friendly*

TECHNICAL DATA

Input Voltage	AC 400V - 50/60 Hz
I _{eff}	9.5A
Input Power	10.8kVA
Current Range	20 - 60A
Duty Cycle @ 40°C	60A @ 40%
Cutting Capacity (Clean)	20mm
Cutting Capacity (Severance)	25mm
Efficiency	85%
Power Factor	0.9
Protection/Insulation Class	IP21S/F
Compressed Air Requirement	200 Ltr/Min @ 5 Bar (73 psi)
Dimensions LxWxH	555 x 210 x 415mm
Weight	14.5Kg

STANDARD ACCESSORIES

Plasma Torch (09721/LG),
Work Return Lead and Clamp

OPTIONAL ACCESSORIES

Compressor (JAS3HP-100P), Circle Cutting Kit (51865),
Trolley (JIT-02)

* Generator must have AVR

EVO Plasma CUT 80

ORDER CODE **EP-80**



NEW



The Jasic EVO CUT 80 is a high-performance digital inverter plasma cutter, designed with advanced inverter technology for exceptional cutting performance.

Its ClearVision display ensures excellent visibility in any lighting, while the digital encoder provides precise and effortless parameter adjustment. A robust electrical architecture delivers an extended duty cycle and outstanding reliability, even in the harshest conditions—reinforced by an IP23 protection rating.

Auto sleep mode ensures industry-leading energy efficiency, while the mesh cutting facility enhances performance when working with mesh and perforated materials.

Configured with a CNC interface as standard, the EP-80 is the perfect solution for automated systems, workshops, or demanding site applications, and can also be paired with an integrated compressor for added flexibility.



KEY FEATURES

- Rugged, ergonomic design
- **ClearVision** technology
- **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
- Generator friendly
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- Fan on demand
- Key power electronic component protection
- Overcurrent and overheat protection
- USB Type-C port for software updates and device charging
- 14 Pin CNC interface
- Optional intergrated compressor

TECHNICAL DATA

Input Voltage	3PH, AC400V±15%, 50/60 Hz
Rated input power	12.5kVA
Rated input current I _{max}	16A
Rated input current I _{eff}	10A
Current range	20-80A
Rated OCV	310V
Rated duty cycle @ 40°C	80A @ 40%
Clean cut (carbon steel)/@400mm/min	25 mm
Severance (carbon steel)	35 mm
Pierce cut	20 mm
Minimum air pressure	5 Bar (73psi)
Minimum gas flow	7.1CFM (200 Ltr/min)
Efficiency	≥85%
Idle state power	≤50W
Power factor	≥0.9
Protection class	IP23S
Insulation class	H
Arc ignition	Non HF
Dimensions LxWxH	626 x 230 x 416mm
Weight	22Kg

STANDARD ACCESSORIES

6m UPH-125 Cutting Torch (05921CX),
3m Earth Clamp

OPTIONAL ACCESSORIES

Compressor (AP-140), Trolley (TR-03),
14 Pin CNC Plug (51006273),
Circle Cutting Kit (51865)

* Generator must have AVR



NEW



The Jasic EVO CUT 80SC is a high-performance digital inverter plasma cutter, designed with advanced inverter technology for exceptional cutting performance.

The EP-80SC comes complete with integrated compressor making it the ideal mobile solution where workshop compressed air is not available.

Its ClearVision display ensures excellent visibility in any lighting, while the digital encoder provides precise and effortless parameter adjustment. A robust electrical architecture delivers an extended duty cycle and outstanding reliability, even in the harshest conditions—reinforced by an IP23 protection rating.

Auto sleep mode ensures industry-leading energy efficiency, while the mesh cutting facility enhances performance when working with mesh and perforated materials.



KEY FEATURES

- Rugged, ergonomic design
- **ClearVision** technology
- **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
- Generator friendly
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- Fan on demand
- Key power electronic component protection
- Overcurrent and overheat protection
- USB Type-C port for software updates and device charging
- 14 Pin CNC interface
- Supplied with intergrated compressor and trolley

TECHNICAL DATA

Input Voltage	3PH, AC400V±15%, 50/60 Hz
Rated input power	13.9kVA
Rated input current I _{max}	18.7A
Rated input current I _{eff}	11A
Current range	20-80A
Rated OCV	310V
Rated duty cycle @ 40°C	80A @ 40%
Clean cut (carbon steel)/@400mm/min	20 mm
Severance (carbon steel)	30 mm
Pierce cut	18 mm
Minimum air pressure	3 Bar (43psi)
Minimum gas flow	5.1CFM (145 Ltr/min)
Efficiency	≥85%
Idle state power	≤50W
Power factor	≥0.9
Protection class	IP23S
Insulation class	H
Arc ignition	Non HF
Dimensions LxWxH	626 x 230 x 734mm
Weight	42Kg

STANDARD ACCESSORIES

6m UPH-125 Cutting Torch (05921CX), 3m Earth Clamp, Compressor (AP-140), Trolley (TR-03)

OPTIONAL ACCESSORIES

14 Pin CNC Plug (51006273), Circle Cutting Kit (51865)

* Generator must have AVR

EVO Plasma CUT 100

ORDER CODE **EP-100**



NEW

The Jasic EVO CUT 100 is a high-performance digital inverter plasma cutter, designed with advanced inverter technology for exceptional cutting performance.

Its ClearVision display ensures excellent visibility in any lighting, while the digital encoder provides precise and effortless parameter adjustment. A robust electrical architecture delivers an extended duty cycle and outstanding reliability, even in the harshest conditions—reinforced by an IP23 protection rating.

Auto sleep mode ensures industry-leading energy efficiency, while the mesh cutting facility enhances performance when working with mesh and perforated materials.

Configured with a CNC interface as standard, the EP-100 is the perfect solution for automated systems, workshops, or demanding site applications, and can also be paired with an integrated compressor for added flexibility.



KEY FEATURES

- Rugged, ergonomic design
- **ClearVision** technology
- **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
- Generator friendly
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- Fan on demand
- Key power electronic component protection
- Overcurrent and overheat protection
- USB Type-C port for software updates and device charging
- 14 Pin CNC interface
- Optional intergrated compressor

TECHNICAL DATA

Input Voltage	3PH, AC400V±15%, 50/60 Hz
Rated input power	16.5kVA
Rated input current I _{max}	21.3A
Rated input current I _{eff}	13.5A
Current range	20-100A
Rated OCV	310V
Rated duty cycle @ 40°C	100A @ 40%
Clean cut (carbon steel)/@400mm/min	30 mm
Severance (carbon steel)	40 mm
Pierce cut	22 mm
Minimum air pressure	5 Bar (73 psi)
Minimum gas flow	7.7CFM (220 Ltr/min)
Efficiency	≥85%
Idle state power	≤50W
Power factor	≥0.9
Protection class	IP23S
Insulation class	H
Arc ignition	Non HF
Dimensions LxWxH	626 x 230 x 416mm
Weight	23Kg

STANDARD ACCESSORIES

6m UPH-125 Cutting Torch (05921CX),
3m Earth Clamp

OPTIONAL ACCESSORIES

Compressor (AP-140), Trolley (TR-03),
14 Pin CNC Plug (51006273),
Circle Cutting Kit (51865)

* Generator must have AVR



NEW



The Jasic EVO CUT 100SC is a high-performance digital inverter plasma cutter, designed with advanced inverter technology for exceptional cutting performance.

The EP-100SC comes complete with integrated compressor making it the ideal mobile solution where workshop compressed air is not available.

Its ClearVision display ensures excellent visibility in any lighting, while the digital encoder provides precise and effortless parameter adjustment.

A robust electrical architecture delivers an extended duty cycle and outstanding reliability, even in the harshest conditions—reinforced by an IP23 protection rating.

Auto sleep mode ensures industry-leading energy efficiency, while the mesh cutting facility enhances performance when working with mesh and perforated materials.



KEY FEATURES

- Rugged, ergonomic design
- **ClearVision** technology
- **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
- Generator friendly
- Quick factory reset; auto sleep mode
- **ABAP: Active Balancing Air Passage**
- Fan on demand
- Key power electronic component protection
- Overcurrent and overheat protection
- USB Type-C port for software updates and device charging
- 14 Pin CNC interface
- Supplied with intergrated compressor and trolley

TECHNICAL DATA

Input Voltage	3PH, AC400V±15%, 50/60 Hz
Rated input power	18kVA
Rated input current I _{max}	24.3A
Rated input current I _{eff}	14.5A
Current range	20-100A
Rated OCV	310V
Rated duty cycle @ 40°C	100A @ 40%
Clean cut (carbon steel)/@400mm/min	25 mm
Severance (carbon steel)	35 mm
Pierce cut	20 mm
Minimum air pressure	3 Bar (43psi)
Minimum gas flow	5.3CFM (150 Ltr/min)
Efficiency	≥85%
Idle state power	≤50W
Power factor	≥0.9
Protection class	IP23S
Insulation class	H
Arc ignition	Non HF
Dimensions LxWxH	626 x 230 x 734mm
Weight	44Kg

STANDARD ACCESSORIES

6m UPH-125 Cutting Torch (05921CX), 3m Earth Clamp, Compressor (AP-140), Trolley (TR-03)

OPTIONAL ACCESSORIES

14 Pin CNC Plug (51006273), Circle Cutting Kit (51865)

* Generator must have AVR

Max Cut 125

ORDER CODE **MC-125**



The Jasic MAX CUT 125 is an industrial-grade IGBT inverter plasma cutter built for heavy-duty applications.

Delivering an impressive 100% duty cycle at 125 amps, it is the ideal choice for demanding site work and automated CNC systems. Its dust-free air passage and on-demand cooling system, combined with a rugged industrial design, ensure maximum reliability in the toughest environments.

A high-definition digital display with digital encoder control provides clear parameter readouts and precise adjustment, giving operators complete confidence and control.



NEW

KEY FEATURES

- Excellent cutting results with limited dross and smooth cutting surface
- Continuous cutting, mesh cutting and plasma arc gouging functions
- Auto-detection for edge and pierce starts
- 100% duty cycle at 125A
- Ideal for automated CNC applications
- NON-HF arc ignition significantly reduces the interference of arc ignition on CNC equipment
- Dust-free sealed air passage
- On-demand fan cooling
- High definition digital display

TECHNICAL DATA

Input Voltage	AC 400V - 50/60 Hz
I _{eff}	31A
Input Power	23kVA
Current Range	30-125A
Duty Cycle @ 40°C	125A @ 100%
Cutting Capacity (Clean)	30 mm
Cutting Capacity (Severance)	50 mm
Efficiency	88
Power Factor	0.77
Protection/Insulation Class	IP21S/H
Compressed Air Requirement	220 Ltr/Min @ 5 Bar (73 psi)
Dimensions LxWxH	706 X 349 X 717mm
Weight	58Kg

STANDARD ACCESSORIES

6m Cutting Torch (UPH-160),
Work Return Lead

OPTIONAL ACCESSORIES

Circle Cutting Kit (51865),
Machine Torch TM-125 (AT-70061)



NEW



The Jasic MAX CUT 160 is an industrial-grade IGBT inverter plasma cutter built for heavy-duty applications.

Delivering an impressive 100% duty cycle at 125 amps, it is the ideal choice for demanding site work and automated CNC systems. Its dust-free air passage and on-demand cooling system, combined with a rugged industrial design, ensure maximum reliability in the toughest environments.

A high-definition digital display with digital encoder control provides clear parameter readouts and precise adjustment, giving operators complete confidence and control.



KEY FEATURES

- Excellent cutting results with limited dross and smooth cutting surface
- Continuous cutting, mesh cutting and plasma arc gouging functions
- Auto-detection for edge and pierce starts
- 100% duty cycle at 125A
- 60% duty cycle at 160A
- Ideal for automated CNC applications
- NON-HF arc ignition significantly reduces the interference of arc ignition on CNC equipment
- Dust-free sealed air passage
- On-demand fan cooling
- High definition digital display

TECHNICAL DATA

Input Voltage	AC 400V - 50/60 Hz
leff	33A
Input Power	29kVA
Current Range	30-160A
Duty Cycle @ 40°C	160A @ 60%
Cutting Capacity (Clean)	40 mm
Cutting Capacity (Severance)	60 mm
Efficiency	89
Power Factor	0.8
Protection/Insulation Class	IP21S/H
Compressed Air Requirement	220 Ltr/Min @ 5 Bar (73 psi)
Dimensions LxWxH	706 X 349 X 717mm
Weight	58Kg

STANDARD ACCESSORIES

6m Cutting Torch (UPH-160),
Work Return Lead

OPTIONAL ACCESSORIES

Circle Cutting Kit (51865),
Machine Torch TM-125 (AT-70061)