

PRODUCT SPECIFICATION

AUTUMN 2020



5 Year Warranty*
ON ALL MODELS

 **JASIC**®

THE POWER IN INVERTER TECHNOLOGY



ORDER CODE
JA-140



OPTIONAL



MMA Leads
WCS25-3



Shoulder Strap
JSS-01



Site Bag
JSB-01

KEY FEATURES

- Professional quality IGBT inverter
- Anti-stick, Arc-force, Lift TIG
- Hot start for those difficult to strike electrodes
- 40Khz inverter frequency, high efficiency
- Compact size, lightweight and modern design
- Heavy duty 16-25mm dinse sockets
- Easy arc starting, minimal spatter
- Auto-compensation for voltage fluctuation
- High quality tactile rubber finish to mouldings and handle
- Supplied in full colour packaging
- Can weld electrodes of up to 3.2mm
- Generator friendly**

The Jasic Arc 140 MMA welding inverter is equipped with the latest IGBT technology and a singular PCB for improved efficiency and maintenance.

This technologically advanced inverter is extremely user-friendly and offers reliable and consistent arc performance. The Arc 140 also offers lift TIG functionality making it an ideal choice for maintenance and light fabrication.

TECHNICAL DATA

Input Voltage	AC 230V - 50/60 Hz
I _{eff} (A)	15.5
Input Power (kVA)	6
Current Range (A)	10 - 140
Duty Cycle @ 40°C	140A @ 35%
No-Load Voltage (V)	63
Efficiency (%)	85
Power Factor	0.7
Protection/Insulation Class	IP21/F
Dimensions (LxWxH mm)	313 x 130 x 250
Weight (Kg)	4.7

PACKAGE INCLUDES

Inverter power source, Cable plugs, Operating instructions, 5 year warranty*

PRO SERIES ARC 160 PFC Wide Voltage



ORDER CODE
JA-160PFC



OPTIONAL



MMA Leads
WCS25-3WEL



Shoulder Strap
JSS-01



Site Bag
JSB-01

KEY FEATURES

- IGBT inverter technology
- Wide input voltage 95-265V
- Anti-stick, Arc-force, Hot start, Lift TIG
- 33Khz inverter frequency, high-efficiency
- Compact size, lightweight and modern design
- Heavy duty 35-50mm dinse sockets
- Easy arc starting, minimal spatter
- Auto-compensation for voltage fluctuation
- High quality tactile rubber finish to mouldings and handle
- Supplied in full colour packaging
- Can weld electrodes of up to 4mm
- Generator friendly**

The Jasic Arc 160 PFC model uses PFC technology to provide advantages such as energy saving and a wide input voltage range.

This technologically advanced inverter is extremely user-friendly and offers reliable and consistent arc performance.

The Arc 160 PFC also offers lift TIG functionality making it an ideal choice for maintenance and light fabrication.

TECHNICAL DATA

Input Voltage	95-265V - AC 50/60Hz	
	115V	230V
I _{eff} (A)	17.5	11.6
Input Power (kVA)	3.7	5
Current Range (A)	10 - 125	10 - 160
Duty Cycle @ 40°C	125A @ 35%	160A @ 35%
No-Load Voltage (V)	68	
Efficiency (%)	85	
Power Factor	0.99	
Protection/Insulation Class	IP21/F	
Dimensions (LxWxH mm)	365 x 135 x 280	
Weight (Kg)	6.4	

PACKAGE INCLUDES

Inverter power source, Cable plugs, Operating instructions, 5 year warranty*

POWER SERIES ARC 160 PFC Wide Voltage



ORDER CODE
JPA-160PFC



OPTIONAL



MMA Leads
WCS25-3WEL



Shoulder Strap
JSS-01



Site Bag
JSB-01

KEY FEATURES

- IGBT inverter technology for the professional user
- Wide input voltage 95-265V
- PFC energy saving technology
- Anti-stick, Arc-force, Hot start, Lift TIG
- 40Khz inverter frequency, high-efficiency
- Compact size, lightweight and modern design
- Heavy duty 35-50mm dinse sockets
- Easy arc starting, minimal spatter
- Auto-compensation for voltage fluctuation
- High quality tactile rubber finish to mouldings and handle
- Includes protective carry case and MMA leads
- Can weld electrodes of up to 4mm
- Generator friendly**

The Jasic Power Arc 160 PFC wide voltage welding inverter is equipped with the latest IGBT technology and a singular PCB for improved efficiency and maintenance.

This technologically advanced inverter offers PFC technology providing energy saving benefits for the user.

The Arc 160 PFC also offers lift TIG functionality making it an ideal choice for maintenance and light fabrication.

TECHNICAL DATA

Input Voltage	95-265V - AC 50/60Hz	
	115V	230V
I _{eff} (A)	17.5	11.6
Input Power (kVA)	3.7	5
Current Range (A)	10 - 125	10 - 160
Duty Cycle @ 40°C	125A @ 35%	160A @ 35%
No-Load Voltage (V)	68	
Efficiency (%)	85	
Power Factor	0.99	
Protection/Insulation Class	IP21/F	
Dimensions (LxWxH mm)	365 x 135 x 280	
Weight (Kg)	6.4	

PACKAGE INCLUDES

Inverter power source, Protective carry case, MMA leads, Operating instructions, 5 year warranty*

PRO SERIES ARC 180 PFC Wide Voltage



ORDER CODE
JA-180PFC



OPTIONAL



MMA Leads
WCS25-3WEL



Shoulder Strap
JSS-01



Site Bag
JSB-01

KEY FEATURES

- IGBT inverter technology
- Wide input voltage 95-265V
- Anti-stick, Arc-force, Hot start, Lift TIG
- 33Khz inverter frequency, high-efficiency
- Compact size, lightweight and modern design
- Heavy duty 35-50mm dinse sockets
- Easy arc starting, minimal spatter
- Auto-compensation for voltage fluctuation
- High quality tactile rubber finish to mouldings and handle
- Supplied in full colour packaging
- Can weld electrodes of up to 4mm
- Generator friendly**

The Jasic Arc 180 PFC model uses PFC technology to provide advantages such as energy saving and a wide input voltage range.

This technologically advanced inverter is extremely user-friendly and offers reliable and consistent arc performance.

The Arc 180 PFC also offers lift TIG functionality making it an ideal choice for maintenance and light fabrication.

TECHNICAL DATA

Input Voltage	95-265V - AC 50/60Hz	
	115V	230V
I _{eff} (A)	15.2	13.4
Input Power (kVA)	3.2	5.83
Current Range (A)	10 - 110	10 - 180
Duty Cycle @ 40°C	110A @ 35%	180A @ 35%
No-Load Voltage (V)	68	
Efficiency (%)	85	
Power Factor	0.998	
Protection/Insulation Class	IP21S/F	
Dimensions (LxWxH mm)	365 x 135 x 280	
Weight (Kg)	6.4	

PACKAGE INCLUDES

Inverter power source, Cable plugs, Operating instructions, 5 year warranty*



ORDER CODE
JPA-180



OPTIONAL



MMA Leads
WCS25-3WEL



Shoulder Strap
JSS-01



Site Bag
JSB-01

KEY FEATURES

- IGBT inverter technology for the professional user
- MMA/DC Lift TIG
- Anti-stick, Arc-force, Hot start, Lift TIG
- 40Khz inverter frequency, high-efficiency
- Compact size, lightweight and modern design
- Heavy duty 35-50mm dinse sockets
- Easy arc starting, minimal spatter
- Stable and reliable arc
- Auto-compensation for voltage fluctuation
- High quality tactile rubber finish to mouldings and handle
- Includes protective carry case and MMA leads
- Can weld electrodes of up to 4mm
- Generator friendly**

The Jasic Power Arc 180 SE welding inverter is equipped with the latest IGBT technology and a singular PCB for improved efficiency and maintenance.

This technologically advanced inverter is equipped with self-adaptive arc force and offers easy starting with minimal spatter.

The Arc 180 SE also offers lift TIG functionality making it an ideal choice for maintenance and light fabrication.

TECHNICAL DATA

Input Voltage	AC 230V - 50/60 Hz
I _{eff} (A)	21.3
Input Power (kVA)	8.3
Current Range (A)	10 - 180
Duty Cycle @ 40°C	160A @ 35%
No-Load Voltage (V)	63
Efficiency (%)	85
Power Factor	0.7
Protection/Insulation Class	IP21/F
Dimensions (LxWxH mm)	313 x 130 x 250
Weight (Kg)	4.7

PACKAGE INCLUDES

Inverter power source, Protective carry case, MMA leads,
Operating instructions, 5 year warranty*

PRO SERIES ARC 200 PFC Wide Voltage



ORDER CODE
JA-200PFC



OPTIONAL



MMA Leads
WCS25-3WEL



Shoulder Strap
JSS-01



Site Bag
JSB-01

KEY FEATURES

- IGBT inverter technology
- Wide input voltage 95-265V
- Anti-stick, Hot start, Lift TIG
- Adjustable arc force control
- 33Khz inverter frequency, high-efficiency
- Compact size, lightweight and modern design
- Heavy duty 35-50mm dinse sockets
- Easy arc starting, minimal spatter
- Auto-compensation for voltage fluctuation
- High quality tactile rubber finish to mouldings and handle
- Supplied in full colour packaging
- Can weld electrodes of up to 4mm
- Digital meter
- Generator friendly**

The Jasic Arc 200 PFC model uses PFC technology to provide advantages such as energy saving and a wide input voltage range.

This technologically advanced inverter is extremely user-friendly and offers reliable and consistent arc performance.

The Arc 200 PFC also offers lift TIG functionality making it an ideal choice for maintenance and light fabrication.

TECHNICAL DATA

Input Voltage	95-265V - AC 50/60Hz	
	115V	230V
I _{eff} (A)	12.7	13.4
Input Power (kVA)	3.5	7.2
Current Range (A)	10 - 110	10 - 200
Duty Cycle @ 40°C	MMA 110A @ 20%	200A @ 25%
	TIG 110A @ 35%	200A @ 40%
No-Load Voltage (V)	68	
Efficiency (%)	85	
Power Factor	0.998	
Protection/Insulation Class	IP21S/F	
Dimensions (LxWxH mm)	365 x 135 x 280	
Weight (Kg)	6.4	

PACKAGE INCLUDES

Inverter power source, Cable plugs, Operating instructions, 5 year warranty*

PRO SERIES ARC 400 c/w Cellulosic Function



ORDER CODE
JA-402C



OPTIONAL



Remote Control 25m
JRC-25

KEY FEATURES

- IGBT inverter technology
- Suitable for welding cellulosic electrode
- Digital ammeter
- Anti-stick, Arc-force, Hot start, Lift TIG
- Advanced control technology
- Excellent weld characteristics
- Auto-compensation for voltage fluctuation
- Remote control option
- VRD option

The Jasic Arc 400 MMA welding inverter is equipped with the latest IGBT technology and digital meters.

This technologically advanced inverter is extremely user-friendly and offers reliable and consistent arc performance. The Arc 400 also offers lift TIG functionality making it an ideal choice for industrial applications.

The VRD (Voltage Reduction Device) option is an added safety function that reduces the open circuit voltage of the welding power source which is used in the MMA/Stick welding process when welding is not taking place to a safe voltage low voltage (9V). The VRD function does not affect the welding performance of the machine.

TECHNICAL DATA

Input Voltage	AC 400V - 50/60 Hz
I _{eff} (A)	19.6
Input Power (kVA)	18.2
Current Range (A)	30 - 400
Duty Cycle @ 40°C	400A @ 60%
No-Load Voltage (V)	79 (9V - VRD)
Efficiency (%)	85
Power Factor	0.95
Protection/Insulation Class	IP21S/F
Dimensions (LxWxH mm)	618 x 330 x 441
Weight (Kg)	20

PACKAGE INCLUDES

Inverter power source, Operating instructions, 5 year warranty*

PRO SERIES MIG 160 Multi Process



ORDER CODE
JM-160C



OPTIONAL



MMA Leads
WCS25-3WEL



Shoulder Strap
JSS-01



Trolley
JIT-01

KEY FEATURES

- IGBT MIG/MMA multi process
- Single PCB compact welding inverter
- Stable arc and reliable performance
- Easy arc starting, less spatter, stable current and excellent weld bead shaping
- Suitable for 0.6, 0.8 and 1.0mm welding wire
- Compact size, lightweight and modern design
- Burn back control
- Ideal for production, site work & maintenance
- Can weld electrodes of up to 4mm
- Generator friendly**

The Jasic MIG 160 Compact is equipped with powerful IGBT components, multi process capabilities and a singular PCB for improved efficiency and maintenance.

This compact and portable inverter offers excellent welding characteristics and consistently reliable performance for both MIG/MAG and MMA welding processes.

TECHNICAL DATA

Input Voltage	AC 230V - 50/60 Hz
I _{eff} (A)	15.2
Input Power (kVA)	5.9
Voltage Adjustment Range (V)	11 - 26
Current Range (A)	30 - 160
Duty Cycle @ 40°C	160A @ 35%
No-Load Voltage (V)	53
Wire Spool Size	ø 200mm
Efficiency (%)	85
Power Factor	0.7
Protection/Insulation Class	IP21S/F
Dimensions (LxWxH mm)	485 x 185 x 370
Weight (Kg)	12.5

PACKAGE INCLUDES

Inverter power source, MIG welding torch, Work return lead and clamp, Gas hose and regulator, Operating instructions, 5 year warranty*

PRO SERIES MIG 200 Multi Process



ORDER CODE
JM-200C



OPTIONAL



MMA Leads
WCS25-3WEL



Shoulder Strap
JSS-01



Trolley
JIT-01

KEY FEATURES

- IGBT MIG/MMA multi process
- Single PCB compact welding inverter
- Stable arc and reliable performance
- Easy arc starting, less spatter, stable current and excellent weld bead shaping
- Suitable for 0.6, 0.8 and 1.0mm welding wire
- Compact size, lightweight and modern design
- Burn back control
- Ideal for production, site work & maintenance
- Can weld electrodes of up to 4mm
- Generator friendly**

The Jasic MIG 200 Compact is equipped with powerful IGBT components, multi process capabilities and a singular PCB for improved efficiency and maintenance.

This compact and portable inverter offers excellent welding characteristics and consistently reliable performance for both MIG/MAG and MMA welding processes.

TECHNICAL DATA

Input Voltage	AC 230V - 50/60 Hz
I _{eff} (A)	21
Input Power (kVA)	8
Voltage Adjustment Range (V)	11 - 28
Current Range (A)	30 - 200
Duty Cycle @ 40°C	200A @ 35%
No-Load Voltage (V)	53
Wire Spool Size	ø 200mm
Efficiency (%)	85
Power Factor	0.7
Protection/Insulation Class	IP21S/F
Dimensions (LxWxH mm)	485 x 185 x 370
Weight (Kg)	12.8

PACKAGE INCLUDES

Inverter power source, MIG welding torch, Work return lead and clamp, Gas hose and regulator, Operating instructions, 5 year warranty*

PRO SERIES MIG 200 Synergic Multi Process



ORDER CODE
JM-200CS



OPTIONAL



MMA Leads
WCS25-3WEL



Shoulder Strap
JSS-01



Euro TIG Torch
WP26-12JE



Trolley
JIT-01

KEY FEATURES

- Advanced synergic control (pulse parameters are selected automatically)
- IGBT MIG/MAG/MMA/Lift TIG multi process
- Self-adaptive crater filling function
- Digital amp & voltmeter
- Working frequency is beyond the audio range, greatly reducing noise pollution
- Easy arc starting, less spatter, stable current and excellent weld bead shaping
- Suitable for 0.6, 0.8 and 1.0mm welding wire
- Compact size, lightweight and modern design
- Burn back control
- Can weld electrodes of up to 4mm
- Generator friendly**

The Jasic MIG 200 Synergic Compact is equipped with powerful IGBT components, multi process capabilities, digital meters and a singular PCB for improved efficiency and maintenance.

This compact and portable synergic inverter offers excellent welding characteristics and consistently reliable performance for both MIG/MAG, MMA and Lift TIG welding processes.

Stable arc and reliable performance ideal for production, site work & maintenance.

TECHNICAL DATA

Input Voltage	AC 230V - 50/60 Hz
I _{eff} (A)	21
Input Power (kVA)	9.4
Voltage Adjustment Range (V)	11 - 28
Current Range (A)	10 - 200
Duty Cycle @ 40°C	200A @ 35%
No-Load Voltage (V)	53
Wire Spool Size	ø 200mm
Efficiency (%)	85
Power Factor	0.7
Protection/Insulation Class	IP21S/F
Dimensions (LxWxH mm)	485 x 185 x 370
Weight (Kg)	12.8

PACKAGE INCLUDES

Inverter power source, MIG welding torch, Work return lead and clamp, Gas hose and regulator, Operating instructions, 5 year warranty*

PRO SERIES MIG 200 Multi Process Inverter PFC Wide Voltage



ORDER CODE
JM-200PFC



OPTIONAL



MMA Leads
WCS25-3WEL



Shoulder Strap
JSS-01



Trolley
JIT-01

KEY FEATURES

- IGBT MIG/MMA multi process inverter technology - for the professional user
- Wide input voltage 95-265V
- PFC - Energy saving benefits for the user
- Single PCB compact welding inverter
- Stable arc and reliable performance
- Suitable for 0.6 to 1.0mm wires
- Compact size, lightweight and modern design
- Burn back control
- Ideal for production, site work & maintenance
- Reverse polarity
- Can weld electrodes of up to 4mm
- Generator friendly**

The Jasic MIG 200 PFC Compact operates on a wide input voltage range, 95-265V and is equipped with powerful IGBT components and a singular PCB for improved efficiency and maintenance.

This compact technologically advanced inverter is extremely user-friendly and offers reliable and consistent arc for both MIG/MAG and MMA performance.

Offering a stable arc and reliable performance with the added benefit of being dual voltage makes this machine your perfect partner for site work, maintenance and light fabrication.

TECHNICAL DATA

Input Voltage	95-265V - AC 50/60Hz	
	115V	230V
I _{eff} (A)	20.1	14.8
Input Power (kVA)	4.2	5.8
Voltage Adjustment Range (V)	11 - 28	
Current Range (A)	MIG 30 - 140	30 - 200
	MMA 10 - 140	10 - 180
Duty Cycle @ 40°C	200A @ 35%	
No-Load Voltage (V)	53	
Wire Spool Size	ø 200mm	
Efficiency (%)	85	
Power Factor	0.998	
Protection/Insulation Class	IP21S/F	
Dimensions (LxWxH mm)	485 x 185 x 370	
Weight (Kg)	12.8	

PACKAGE INCLUDES

Inverter power source, MIG welding torch, Work return lead and clamp, Gas hose and regulator, Operating instructions, 5 year warranty*

PRO SERIES MIG 202 Inverter Compact



ORDER CODE
JM-202C



OPTIONAL



MMA Leads
WCS25-3WEL



Spool Gun
JSG-02

KEY FEATURES

- High performance compact MIG/MAG/MMA inverter
- Advanced control circuitry
- Digital A/V display
- High duty cycle
- Suitable for 0.6, 0.8 and 1.0mm welding wire
- Stable and reliable arc
- Burn back control
- Spool gun interface
- Wire inching feature

The Jasic MIG 202 Compact is equipped with powerful IGBT components, a digital A/V display and multi process capabilities.

The inverter offers excellent welding characteristics and consistently reliable performance for highly demanding and repetitive weld cycles.

This high quality single phase machine delivers an impressive 200 amps at 35% duty cycle, making the MIG 202 Compact an excellent choice for medium duty fabrication work.

TECHNICAL DATA

Input Voltage	AC 230V - 50/60 Hz
I _{eff} (A)	24
Input Power (kVA)	8.8
Voltage Adjustment Range (V)	15.5 - 24
Current Range (A)	MIG 30 - 200 MMA 10 - 200
Duty Cycle @ 40°C	200A @ 35%
No-Load Voltage (V)	52
Wire Spool Size	ø 300mm
Efficiency (%)	85
Power Factor	0.75
Protection/Insulation Class	IP21S/F
Dimensions (LxWxH mm)	900 x 450 x 755
Weight (Kg)	46

PACKAGE INCLUDES

Inverter power source, MIG welding torch, Work return lead and clamp, Gas hose and regulator, Operating instructions, 5 year warranty*

PRO SERIES MIG 250 Inverter Compact



ORDER CODE
JM-252C



OPTIONAL



MMA Leads
WCS25-3WEL



Spool Gun
JSG-02

KEY FEATURES

- High performance compact MIG/MAG/MMA inverter
- Suitable for 0.6, 0.8 and 1.0mm welding wire
- Advanced control circuitry
- Digital A/V display
- High duty cycle
- Stable and reliable arc
- Burn back control
- Spool gun interface
- Wire inching feature

The Jasic MIG 252 Compact is equipped with powerful IGBT components, a digital A/V display and multi process capabilities.

The inverter offers excellent welding characteristics and consistently reliable performance for highly demanding and repetitive weld cycles.

This high quality single phase machine delivers an impressive 250 amps at 35% duty cycle, making the MIG 252 Compact an excellent choice for medium duty fabrication work.

TECHNICAL DATA

Input Voltage	AC 230V - 50/60 Hz
I _{eff} (A)	28.4
Input Power (kVA)	11
Voltage Adjustment Range (V)	11 - 29
Current Range (A)	30 - 250
Duty Cycle @ 40°C	250A @ 35%
No-Load Voltage (V)	52
Wire Spool Size	ø 300mm
Efficiency (%)	85
Power Factor	0.75
Protection/Insulation Class	IP21S/F
Dimensions (LxWxH mm)	900 x 450 x 755
Weight (Kg)	48

PACKAGE INCLUDES

Inverter power source, MIG welding torch, Work return lead and clamp, Gas hose and regulator, Operating instructions, 5 year warranty*

PRO SERIES MIG 250 Pulse Inverter Compact



ORDER CODE
JM-250P

NEW



OPTIONAL



MMA Leads
WCS25-3WEL

KEY FEATURES

- Compact modern design, advanced IGBT technology
- Four welding modes include MMA, lift TIG, DC, MIG/MAG
- Functions such as accurate preset current/voltage, 2T/4T operation mode, synergic, gas selection, wire diameter selection, electronic inductance adjustment, and on-demand fan are available
- With synergic MIG, welding parameters can be automatically selected based on wire feed speed or material thickness
- Four roll drive unit
- DC MMA suitable for a wide range of electrodes in MMA
- Easy arc starting, low spatter, stable current which offers good weld bead shape
- Excellent weld characteristics
- Auto compensation for mains voltage fluctuation with automatic protective functions including overcurrent, overload, etc.

The Jasic MIG 250P is a compact MIG/MAG/MMA power source, the unit is feature rich and has synergic programs pre loaded with optimal parameters for inexperienced welders but with a provision of fine tuning for the experienced welder. The pulsed MIG mode allows for high quality welds with a spatter free finish.

TECHNICAL DATA

Input Voltage	230 +/-15% 1P	
Input Current (A)	29.2	
Input Power (kVA)	9.13	
Voltage Adjustment Range (V)	13.5 - 36	
Current Range (A)	40 - 250	
VRD Voltage MMA (V)	15	
Duty Cycle @ 40°C	MIG/TIG 250A @ 40%	MMA 220A @ 40%
No-Load Voltage (V)	75	
Wire Speed (m/min)	1.5 - 16	
Efficiency (%)	82	
Power Factor	0.76	
Protection/Insulation Class	IP21S/F	
Dimensions (LxWxH mm)	895 x 455 x 760	
Weight (Kg)	49.7	

PACKAGE INCLUDES

Inverter power source, MIG welding torch, Work return lead and clamp, Gas hose and regulator, Operating instructions, 5 year warranty*

* 5 year warranty subject to product registration

PRO SERIES MIG 350 Inverter Compact



ORDER CODE
JM-352C



OPTIONAL



MMA Leads
WCS25-3WEL



Spool Gun
JSG-02

KEY FEATURES

- Multi function compact MIG/MAG/MMA/Lift TIG
- Suitable for 0.8, 1.0 and 1.2mm welding wire
- Stable and reliable arc with minimal spatter
- Suitable for flux cored
- Advanced control circuitry
- Digital A/V display
- 4 roll wire feed drive
- High duty cycle
- Burn back control
- Spool gun interface
- Wire inching feature
- VRD on MMA setting

The Jasic MIG 352 Compact is equipped with powerful IGBT components, a digital A/V display and multi process capabilities.

The inverter offers excellent welding characteristics and consistently reliable performance for highly demanding and repetitive weld cycles.

This high quality three phase machine delivers an impressive 350 amps at 40% duty cycle, making the MIG 352 Compact an excellent choice for medium duty fabrication work.

TECHNICAL DATA

Input Voltage	AC 400V - 50/60 Hz
I _{eff} (A)	13.7
Input Power (kVA)	15
Voltage Adjustment Range (V)	15 - 38
Current Range (A)	50 - 350
Duty Cycle @ 40°C	350A @ 40%
No-Load Voltage (V)	62 (19V - VRD)
Wire Spool Size	ø 300mm
Efficiency (%)	85
Power Factor	0.93
Protection/Insulation Class	IP21S/F
Dimensions (LxWxH mm)	900 x 450 x 755
Weight (Kg)	52

PACKAGE INCLUDES

Inverter power source, MIG welding torch, Work return lead and clamp, Gas hose and regulator, Operating instructions, 5 year warranty*

PRO SERIES MIG 270 Multi Process Separate



ORDER CODE
JM-272S



OPTIONAL



MMA Leads
WCS25-3WEL



Water Cooler
JWC-05

KEY FEATURES

- Single phase IGBT inverter
- High powered 230V machine
- Digital amp & voltmeter
- 4 roll wire feed unit
- High duty cycle - single phase inverter
- Advanced control circuitry
- Suitable for 0.6, 0.8, 1.0 and 1.2mm welding wire
- Burn back control & wire inching
- 2T/4T trigger function
- Power & status LED's
- Gas check function
- Variable inductance
- Inverter trolley takes full size gas bottle
- MIG/MAG/MMA

The Jasic MIG 270 Separate is equipped with powerful IGBT components, a digital A/V display and multi process capabilities.

The inverter offers excellent welding characteristics and consistently reliable performance for highly demanding and repetitive weld cycles.

This high quality 230 volt machine delivers an impressive 270 amps at 30% duty cycle, making it an excellent choice for single phase applications.

TECHNICAL DATA

Input Voltage	AC 230V - 50/60 Hz
I _{eff} (A)	28.9
Input Power (kVA)	12.1
Voltage Adjustment Range (V)	11 - 29
Current Range (A)	30 - 270
Duty Cycle @ 40°C	270A @ 30%
No-Load Voltage (V)	54
Wire Speed (m/min)	0 - 16
Efficiency (%)	85
Power Factor	0.75
Protection/Insulation Class	IP21S/F
Dimensions (LxWxH mm)	1020 x 505 x 1460
Weight (Kg)	101

PACKAGE INCLUDES

Inverter power source, Trolley, 4 roll wire feed unit, 5 mtr interconnecting cable, MIG welding torch, Work return lead and clamp, Gas hose & regulator, Operating instructions, 5 year warranty*

PRO SERIES MIG 350 Multi Process Separate



ORDER CODE
JM-352S

ORDER CODE
JM-352S-WC



OPTIONAL



MMA Leads
WCS25-3WEL



Water Cooler
JWC-05

The Jasic MIG 350 Separate equipped with powerful IGBT components, digital meters and multi process capabilities offers excellent welding characteristics and rugged, reliable performance.

This high quality three phase inverter delivers an impressive 350 amps at 40% duty cycle, making the MIG 350 an excellent choice for medium to heavy duty industrial manufacturers.

Featuring a unique (welding dynamic characteristic control circuit) in MIG, provides a stable arc, low spatter, excellent weld appearance and high welding efficiency.

KEY FEATURES

- IGBT MIG/MAG MMA inverter
- Digital amp & voltmeter
- High duty cycle
- 4 roll wire feed unit
- Advanced control circuitry
- Suitable for 0.8, 1.0 and 1.2mm welding wire
- Burn back control & wire inching
- 2T/4T trigger function
- Power & status LED's
- Gas check function
- Variable inductance
- Inverter trolley takes full size gas bottle

TECHNICAL DATA

	JM-352S	JM-352S-WC
Input Voltage	AC 400V - 50/60 Hz	AC 400V - 50/60 Hz
I _{eff} (A)	13.2	13.2
Input Power (kVA)	15	15
Voltage Adjustment Range (V)	15 - 36	15 - 36
Current Range (A)	MIG 50 - 350 MMA 20 - 350	MIG 50 - 350 MMA 20 - 350
Duty Cycle @ 40°C	350A @ 40%	350A @ 40%
No-Load Voltage (V)	65	65
Wire Speed (m/min)	1 - 16	1 - 16
Efficiency (%)	85	85
Power Factor	0.93	0.93
Protection/Insulation Class	IP21S/F	IP21S/F
Dimensions (LxWxH mm)	1020 x 505 x 1460	1020 x 505 x 1460
Weight (Kg)	104	125

PACKAGE INCLUDES

Inverter power source, Trolley, 4 roll wire feed unit, 5 mtr interconnecting cable, MIG welding torch, Work return lead and clamp, Gas hose & regulator, Operating instructions, 5 year warranty*

PRO SERIES MIG 450 Multi Process Separate



ORDER CODE
JM-452S

ORDER CODE
JM-452S-WC



OPTIONAL



MMA Leads
WCS25-3WEL



Water Cooler
JWC-05



The Jasic MIG 450 Separate equipped with powerful IGBT components, digital meters and multi process capabilities offers excellent welding characteristics and rugged, reliable performance.

This high quality three phase inverter delivers an impressive 400 amps at 100% duty cycle, making the MIG 450 an excellent choice for heavy duty industrial manufacturers.

Featuring a unique (welding dynamic characteristic control circuit) in MIG, provides a stable arc, low spatter, excellent weld appearance and high welding efficiency.

KEY FEATURES

- IGBT MIG/MAG MMA inverter
- Digital amp & voltmeter
- High duty cycle
- 4 roll wire feed unit
- Advanced control circuitry
- Suitable for 0.8, 1.0, 1.2 and 1.6mm welding wire
- Burn back control & wire inching
- 2T/4T trigger function
- Power & status LED's
- Gas check function
- Variable inductance
- Inverter trolley takes full size gas bottle

TECHNICAL DATA

	JM-452S	JM-452S-WC
Input Voltage	AC 400V - 50/60 Hz	AC 400V - 50/60 Hz
I _{eff} (A)	27	27
Input Power (kVA)	18.7	18.7
Voltage Adjustment Range (V)	15 - 40	15 - 40
Current Range (A)	MIG 60 - 450 MMA 30 - 400	MIG 60 - 450 MMA 30 - 400
Duty Cycle @ 40°C	400A @ 100%	400A @ 100%
No-Load Voltage (V)	65	65
Wire Speed (m/min)	1 - 18	1 - 18
Efficiency (%)	85	85
Power Factor	0.91	0.91
Protection/Insulation Class	IP21S/F	IP21S/F
Dimensions (LxWxH mm)	1020 x 505 x 1460	1020 x 505 x 1460
Weight (Kg)	108	129

PACKAGE INCLUDES

Inverter power source, Trolley, 4 roll wire feed unit, 5 mtr interconnecting cable, MIG welding torch, Work return lead and clamp, Gas hose & regulator, Operating instructions, 5 year warranty*

* 5 year warranty subject to product registration



ORDER CODE
JM-350P



Included

OPTIONAL



MMA Leads
WCS25-3WEL

KEY FEATURES

- IGBT multi process inverter
- Synergic, MIG/MAG pulse, double pulse and DC MMA
- DSP digital technology for optimum welding performance
- 4 roll wire feed unit
- Suitable for 0.8, 1.0, 1.2 and 1.6mm welding wire
- Easy parameter settings for the operator
- Synergic curves for common materials & wire diameters
- Self diagnostic system
- Encoder feedback control of wire feed system
- Power & status LED's
- Integrated water cooling system
- Inverter trolley takes full size gas bottle

The Jasic MIG 350 Pulse is equipped with powerful IGBT components, digital meters and multi process capabilities offers excellent welding characteristics and rugged, reliable performance.

This three phase inverter offers synergic curves for common materials and wires.

The machine also has self-diagnostic protection systems that provides extreme reliability.

TECHNICAL DATA

Input Voltage	AC 400V - 50/60 Hz
I _{eff} (A)	23.6
Input Power (kVA)	21.1
Voltage Adjustment Range (V)	17 - 31.5
Current Range (A)	10 - 350
Duty Cycle @ 40°C	350A @ 60%
No-Load Voltage (V)	70
Wire Speed (m/min)	1 - 18
Efficiency (%)	85
Power Factor	0.85
Protection/Insulation Class	IP21S/F
Dimensions (LxWxH mm)	1020 x 505 x 1390
Weight (Kg)	117

PACKAGE INCLUDES

Inverter power source, Trolley, 4 roll wire feed unit, 5 mtr interconnecting cable, Water cooler, MIG welding torch, Work return lead and clamp, Gas hose & regulator, Operating instructions, 5 year warranty*



ORDER CODE
JM-500P

NEW



OPTIONAL



MMA Leads
WCS25-3WEL

KEY FEATURES

- IGBT multi process inverter
- Pulsed MIG, MIG/MAG, TIG and DC MMA
- Synergic or standard operating modes
- DSP digital technology for optimum welding performance
- Smart fan and water control
- Job storage system
- 4 roll wire feed unit
- Suitable for 0.8, 1.0, 1.2 and 1.6mm welding wire
- Easy parameter settings for the operator
- Synergic curves for common materials & wire diameters
- Self diagnostic system
- Encoder feedback control of wire feed system
- Power & status LED's
- Inverter trolley takes full size gas bottle

The Jasic MIG 500P is a high quality digital MIG/MAG power source. It provides low spatter consistent welding with minimal rework on a wide range of materials. The Jasic MIG 500P provides multi process pulsed MIG, synergic MIG, TIG and MMA options for a wide range of applications.

TECHNICAL DATA

Input Voltage	400 +/- 20% 3P
I _{eff} (A)	28.6
Input Power (kVA)	26.7
Voltage Adjustment Range (V)	10 - 50
Current Range (A)	30 - 500
VRD Voltage MMA (V)	15
Duty Cycle @ 40°C	500A @ 50%
No-Load Voltage (V)	86
Wire Speed (m/min)	1.5 - 23
Efficiency (%)	92
Power Factor	0.9
Protection/Insulation Class	IP23S/F
Dimensions (LxWxH mm)	1080 x 510 x 1180
Weight (Kg)	129

PACKAGE INCLUDES

Inverter power source, Trolley, 4 roll wire feed unit, 5 mtr interconnecting cable, Water cooler, MIG welding torch, Work return lead and clamp, Gas hose & regulator, Operating instructions, 5 year warranty*

PRO SERIES MIG 500 Synergic Multi Process Separate Water Cooled



ORDER CODE
JM-500SYN

NEW



OPTIONAL



MMA Leads
WCS25-3WEL

KEY FEATURES

- IGBT multi process inverter
- DSP digital technology for optimum welding performance
- 4 roll wire feed unit
- Suitable for 0.8, 1.0, 1.2 and 1.6mm welding wire
- Easy parameter settings for the operator
- Synergic curves for common materials & wire diameters
- Self diagnostic system
- Encoder feedback control of wire feed system
- Power & status LED's
- Integrated water cooling system
- Inverter trolley takes full size gas bottle

The Jasic MIG 500SYN is a powerful MIG/MAG synergic welding system. It is suitable for use in the most demanding situations and its digital controls and displays make it easy to use.

It has synergic programs for a range of common wires and materials.

TECHNICAL DATA

Input Voltage	400 +/- 20% 3P
I _{eff} (A)	28.7
Input Power (kVA)	24.2
Voltage Adjustment Range (V)	15.5 - 50
Current Range (A)	MIG 60 - 500 MMA 30 - 500
VRD Voltage MMA (V)	15
Duty Cycle @ 40°C	500A @ 50%
No-Load Voltage (V)	80
Wire Speed (m/min)	1.5 - 22
Efficiency (%)	91
Power Factor	0.92
Protection/Insulation Class	IP23S/F
Dimensions (LxWxH mm)	1020 x 505 x 1390
Weight (Kg)	129

PACKAGE INCLUDES

Inverter power source, Trolley, 4 roll wire feed unit, 5 mtr interconnecting cable, Water cooler, MIG welding torch, Work return lead and clamp, Gas hose & regulator, Operating instructions, 5 year warranty*



ORDER CODE
JT-180



OPTIONAL



MMA Leads
WCS25-3WEL



Shoulder Strap
JSS-01



Site Bag
JSB-01



Trolley
JIT-01

KEY FEATURES

- Single PCB construction, easy for testing and maintenance
- IGBT TIG/MMA inverter technology
- High frequency inverter, high efficiency
- Anti-stick, Arc-force, Hot start 2T/4T
- Down slope and post flow
- Easy start, stable and reliable arc
- Auto-compensation for voltage fluctuation
- Compact size, lightweight and modern design
- Heavy duty 35-50mm dinse sockets
- High quality tactile rubber finish to mouldings and handle
- Supplied in full colour packaging
- Generator friendly**

The Jasic TIG 180 is equipped with powerful IGBT components and a singular PCB for improved efficiency and maintenance.

This technologically advanced inverter is extremely user-friendly and offers reliable and consistent arc performance.

The TIG 180 with high frequency starting also offers MMA functionality making it an ideal choice for maintenance or manufacturing.

TECHNICAL DATA

Input Voltage	AC 230V - 50/60 Hz	
I _{eff} (A)	16.5	
Input Power (kVA)	7.1	
Current Range (A)	TIG 10 - 180	MMA 10 - 160
Duty Cycle @ 40°C	180A @ 35%	160A @ 35%
No-Load Voltage (V)	65	
Efficiency (%)	85	
Power Factor	0.7	
Protection/Insulation Class	IP21/F	
Dimensions (LxWxH mm)	365 x 135 x 277	
Weight (Kg)	5.94	

PACKAGE INCLUDES

Inverter power source, TIG torch & adaptor, Gas regulator, Work return lead and clamp, Operating instructions, 5 year warranty*

PRO SERIES TIG 180 DC Dual Voltage



ORDER CODE
JT-180DV



OPTIONAL



MMA Leads
WCS25-3WEL



Shoulder Strap
JSS-01



Site Bag
JSB-01



Trolley
JIT-01

KEY FEATURES

- Single PCB construction, easy for testing and maintenance
- IGBT TIG/MMA inverter technology
- Dual input voltage
- High frequency inverter, high efficiency
- Anti-stick, Arc-force, Hot start 2T/4T
- Down slope and post flow
- Easy start, stable and reliable arc
- Auto-compensation for voltage fluctuation
- Compact size, lightweight and modern design
- Heavy duty 35-50mm dinse sockets
- High quality tactile rubber finish to mouldings and handle
- Supplied in full colour packaging
- Generator friendly**

The Jasic TIG 180 dual voltage is equipped with powerful IGBT components and a singular PCB for improved efficiency.

This technologically advanced inverter is extremely user-friendly and offers reliable and consistent arc performance.

The TIG 180 with high frequency starting also offers MMA functionality making it an ideal choice for maintenance or manufacturing.

TECHNICAL DATA

Input Voltage	AC 115V/230V - 50/60 Hz	
	115V	230V
I _{eff} (A)	18.5	14.2
Input Power (kVA)	4	7
Current Range (A)	TIG 10 - 120 MMA 10 - 100	10 - 180 10 - 160
Duty Cycle @ 40°C	120A @ 35%	180A @ 40%
No-Load Voltage (V)	65	
Efficiency (%)	85	
Power Factor	0.7	
Protection/Insulation Class	IP21/F	
Dimensions (LxWxH mm)	365 x 135 x 277	
Weight (Kg)	5.94	

PACKAGE INCLUDES

Inverter power source, TIG torch & adaptor, Gas regulator, Work return lead and clamp, Operating instructions, 5 year warranty*

POWER TIG 180 DC SE



ORDER CODE
JPT-180



5 Year
Warranty*

OPTIONAL



Site Bag
JSB-01



Shoulder Strap
JSS-01



Trolley
JIT-01

KEY FEATURES

- Single PCB construction, easy for testing and maintenance
- IGBT TIG/MMA inverter technology
- High frequency inverter, high efficiency
- Anti-stick, Arc-force, Hot start 2T/4T
- Down slope and post flow
- Easy start, stable and reliable arc
- Auto-compensation for voltage fluctuation
- Compact size, lightweight and modern design
- Heavy duty 35-50mm dinse sockets
- High quality tactile rubber finish to mouldings and handle
- Includes inverter case, TIG/MMA leads and gas regulator
- Generator friendly**

The Jasic Power TIG 180 SE is equipped with powerful IGBT components and a singular PCB for improved efficiency and maintenance.

This technologically advanced inverter is extremely user-friendly and offers reliable and consistent arc performance.

The TIG 180 SE with high frequency starting also offers MMA functionality making it an ideal choice for maintenance or manufacturing.

TECHNICAL DATA

Input Voltage	AC 230V - 50/60 Hz	
I _{eff} (A)	16.5	
Input Power (kVA)	7.1	
Current Range (A)	TIG 10 - 180	MMA 10 - 160
Duty Cycle @ 40°C	180A @ 35%	160A @ 35%
No-Load Voltage (V)	65	
Efficiency (%)	85	
Power Factor	0.7	
Protection/Insulation Class	IP21/F	
Dimensions (LxWxH mm)	365 x 135 x 277	
Weight (Kg)	5.94	

PACKAGE INCLUDES

Inverter power source, Protective case, TIG torch & adaptor, Gas regulator, MMA lead, Work return lead and clamp, Operating instructions, 5 year warranty*



ORDER CODE
JT-200



OPTIONAL



MMA Leads
WCS25-3WEL



Shoulder Strap
JSS-01



Site Bag
JSB-01



Trolley
JIT-01



Included

KEY FEATURES

- Single PCB construction, easy for testing and maintenance
- IGBT TIG/MMA inverter technology
- High frequency inverter, high efficiency
- Anti-stick, Arc-force, Hot start 2T/4T
- Down slope and post flow
- Easy start, stable and reliable arc
- Auto-compensation for voltage fluctuation
- Compact size, lightweight and modern design
- Heavy duty 35-50mm dinse sockets
- High quality tactile rubber finish to mouldings and handle
- Supplied in full colour packaging
- Generator friendly**

The Jasic TIG 200 is equipped with powerful IGBT components and a singular PCB for improved efficiency and maintenance.

This technologically advanced inverter is extremely user-friendly and offers reliable and consistent arc performance.

The TIG 200 with high frequency starting also offers MMA functionality making it an ideal choice for maintenance or manufacturing.

TECHNICAL DATA

Input Voltage	AC 230V - 50/60 Hz	
I _{eff} (A)	18.9	
Input Power (kVA)	8.2	
Current Range (A)	TIG 10 - 200	MMA 10 - 180
Duty Cycle @ 40°C	200A @ 35%	
No-Load Voltage (V)	65	
Efficiency (%)	85	
Power Factor	0.7	
Protection/Insulation Class	IP21S/F	
Dimensions (LxWxH mm)	365 x 135 x 277	
Weight (Kg)	6.12	

PACKAGE INCLUDES

Inverter power source, TIG torch & adaptor, Gas regulator, Work return lead and clamp, Operating instructions, 5 year warranty*

PRO SERIES TIG 200P DC Pulse PFC Wide Voltage



ORDER CODE
JT-200P-PFC



OPTIONAL



Site Bag
JSB-01



Shoulder Strap
JSS-01



Foot Control
Unit **JFC-05**



Trolley
JIT-01

KEY FEATURES

- DC Pulse TIG/MMA
- Wide input voltage 95-265V
- Single PCB construction, easy for testing and maintenance
- PFC energy saving technology
- IGBT inverter technology
- High frequency inverter, high efficiency
- Digital control, HF arc ignition 2T/4T
- Pulse frequency 0.5-200 Hz
- Easy start, stable and reliable arc
- Auto-compensation for voltage fluctuation
- Compact size, lightweight and modern design
- Heavy duty 35-50mm dinse sockets
- High quality tactile rubber finish to mouldings and handle
- Supplied in full colour packaging
- Generator friendly**

The Jasic TIG 200 PFC Pulse operates on a wide input voltage range 95-265V and is equipped with powerful IGBT components and a singular PCB for improved efficiency and maintenance.

This technologically advanced inverter is extremely user-friendly and offers reliable and consistent arc performance. The TIG 200 with high frequency starting also offers MMA functionality making it an ideal choice for maintenance or manufacturing.

TECHNICAL DATA

Input Voltage	95-265V - AC 50/60Hz	
	115V	230V
I _{eff} (A)	27.7	14.2
Input Power (kVA)	4	6
Current Range (A)	TIG 10 - 160 MMA 10 - 125	10 - 200 10 - 180
Duty Cycle @ 40°C	TIG 160A @ 60% MMA 125A @ 60%	200A @ 30% 180A @ 25%
No-Load Voltage (V)	65	
Efficiency (%)	85	
Pulse Frequency (Hz)	0.5 - 200	
Power Factor	0.99	
Protection/Insulation Class	IP21S/F	
Dimensions (LxWxH mm)	420 x 135 x 277	
Weight (Kg)	7.5	

PACKAGE INCLUDES

Inverter power source, TIG torch & adaptor, Gas regulator, Work return lead and clamp, Operating instructions, 5 year warranty*

PRO SERIES TIG 300P DC Pulse



ORDER CODE
JT-300P

ORDER CODE
JT-300P-WC



OPTIONAL



Trolley
JTT-MWD
Water Cooler
JWC-MWD



The Jasic TIG 300 DC Pulse inverter is equipped with industrial grade components and microprocessor control for high accuracy and performance. This technologically advanced inverter with a digital control panel allows for feature rich options and provides 8 channel automatic storage of the welding parameters. The unit is designed to IP23S class for use in the harshest environments. This modular design TIG welding system can be assembled with an optional trolley and water cooler where required.

KEY FEATURES

- TIG DC Pulse with digital control
- Program memory storage
- Microprocessor control of a wide range of functions
- HF and lift TIG
- Remote control interface
- VRD function
- Digital display
- Intelligent fan and cooler control
- Excellent welding characteristics
- Protection system to enhance equipment life
-  Suitable for welding in an environment with increased risk of electric shock
- Water cooled option
- Generator friendly**

TECHNICAL DATA

	JT-300P		JT-300P-WC	
Input Voltage	AC 400V +/-15% - 50/60 Hz		AC 400V +/-15% - 50/60 Hz	
I _{eff} (A)	9.9		9.9	
Input Power (kVA)	11		11	
Current Range (A)	TIG 5 - 300	MMA 20 - 210	TIG 5 - 300	MMA 20 - 210
Duty Cycle @ 40°C	300A @ 20%	210A @ 50%	300A @ 20%	210A @ 50%
No-Load Voltage (V)	60 (11.8V - VRD)		60 (11.8V - VRD)	
Efficiency (%)	85		85	
Protection/Insulation Class	IP23S/F		IP23S/F	
Dimensions (LxWxH mm)	566 x 224 x 405		940 x 420 x 1130	
Weight (Kg)	19.4		74	

PACKAGE INCLUDES

Inverter power source, TIG torch & adaptor, Gas regulator, Work return lead and clamp, Operating instructions, 5 year warranty*

PRO SERIES TIG 400P DC Pulse



ORDER CODE
JT-400P



Included

OPTIONAL



Foot Control Unit
JFC-07

KEY FEATURES

- Industrial grade IGBT inverter technology
- DC Pulse TIG/MMA with VRD function option
- MCU chip for high accuracy and consistency
- HF or Lift arc ignition, 2T/4T, spot-time
- Up/down slope, pre/post flow, crater/initial/weld current
- Digital panel with interface for easy software upgrades
- Gas test function in DC TIG mode
- Modular design with trolley and water cooler included
- Automatic 8 channel storage of welding parameters
- On demand fan and water cooling
- Generator friendly**

The Jasic TIG 400 Pulse is equipped with industrial grade IGBT components and an MCU chip for high accuracy and performance.

This technologically advanced inverter with a digital panel allows for software upgrades and provides 8 channel automatic storage of the welding parameters.

This modular design TIG welding system includes the trolley and water cooler as standard.

TECHNICAL DATA

Input Voltage	AC 400V - 50/60 Hz	
I _{eff} (A)	14	
Input Power (kVA)	18	
Current Range (A)	TIG DC 5 - 400	MMA DC 30 - 400
Duty Cycle @ 40°C	400A @ 50%	
No-Load Voltage (V)	68	
Efficiency (%)	85	
Power Factor	0.96	
Protection/Insulation Class	IP21S/F	
Dimensions (LxWxH mm)	760 x 360 x 585	
Weight (Kg)	90	

PACKAGE INCLUDES

Inverter power source, Trolley, Water cooler, TIG torch & adaptor, Gas regulator, Work return lead and clamp, Operating instructions, 5 year warranty*

PRO SERIES TIG 200P AC/DC Pulse Mini Digital



ORDER CODE
JT-200DS



OPTIONAL



Foot Control Unit
JFC-05



Trolley
JIT-01

KEY FEATURES

- TIG Pulse AC/DC with digital control
- Digital display
- Program memory storage
- Easy to use, intuitive control panel
- Pre-post flow time, up/down slope
- Pulse adjustment
- Pulse frequency, pulse duty, arc force, cleaning width
- Remote control interface
- AC function for aluminium and aluminium alloys
- Heavy duty 35-50mm dinse sockets
- DC TIG function for carbon steel, copper and non-ferrous metals
- High speed pulse with precise adjustment for ultimate weld bead
- Generator friendly**

The Jasic TIG 200P AC/DC mini is a technologically advanced single phase inverter power source offering an ultra-portable solution. The innovative and user-friendly control panel offers a digital weld cycle, welding modes and a program memory feature for storing different welding parameters.

The excellent technical characteristics of the 200 AC/DC make it an ideal choice for professionally qualified TIG welders that require precise and reliable performance.

TECHNICAL DATA

Input Voltage	AC 230V - 50/60 Hz	
I _{eff} (A)	16	
Input Power (kVA)	6.9	
Current Range (A)	TIG 5 - 200	MMA 10 - 160
Duty Cycle @ 40°C	200A @ 25%	160A @ 30%
No-Load Voltage (V)	60	
Efficiency (%)	85	
Power Factor	0.7	
Protection/Insulation Class	IP21S/B	
Dimensions (LxWxH mm)	435 x 160 x 340	
Weight (Kg)	9	

PACKAGE INCLUDES

Inverter power source, TIG torch & adaptor, Gas regulator, Work return lead and clamp, Operating instructions, 5 year warranty*

PRO SERIES TIG 200P AC/DC Pulse Analog



ORDER CODE
JT-200A



KEY FEATURES

- TIG Pulse AC/DC with analog control
- Digital display
- Peak current control, 2T/4T
- Pre-post flow time, up/down slope
- Pulse adjustment
- Pulse frequency, pulse duty, arc force, cleaning width
- Remote control interface
- AC function for aluminium and aluminium alloys
- DCTIG function for carbon steel, copper and non-ferrous metals
- Smooth arc and stable welding performance
- Heavy duty 35/50 dinse sockets
- Generator friendly**

The Jasic TIG 200 Pulse AC/DC is a technologically advanced single phase inverter power source suitable for medium to large production work. The innovative and user-friendly analog panel allows full control of the welding parameters. The excellent technical characteristics of the 200 AC/DC make it an ideal choice for professionally qualified TIG welders that require precise and reliable performance.

TECHNICAL DATA

Input Voltage	AC 230V - 50/60 Hz	
I _{eff} (A)	18	
Input Power (kVA)	9.4	
Current Range (A)	AC 30 - 185	DC 10 - 185
Duty Cycle @ 40°C	185A @ 20%	
No-Load Voltage (V)	70	
Protection/Insulation Class	IP21S/B	
Dimensions (LxWxH mm)	570 x 335 x 440	
Weight (Kg)	25	

PACKAGE INCLUDES

Inverter power source, TIG torch & adaptor, Gas regulator, Work return lead and clamp, Operating instructions, 5 year warranty*

PRO SERIES TIG 200P AC/DC Pulse Digital



ORDER CODE
JT-200D



OPTIONAL



Trolley
JTT-01



Foot Control Unit
JFC-01



Water Cooler
JWC-01**

KEY FEATURES

- TIG Pulse AC/DC with digital control
- Program memory storage
- Peak current control, 2T/4T
- Pre-post flow time, up/down slope
- Pulse adjustment
- Pulse frequency, pulse duty, arc force, cleaning width
- Remote control interface
- AC function for aluminium and aluminium alloys
- DCTIG function for carbon steel, copper and non-ferrous metals
- Smooth arc and stable welding performance
- Heavy duty 35/50 dinse sockets

The Jasic TIG 200 Pulse AC/DC is a technologically advanced single phase inverter power source suitable for medium to large production work. The innovative and user-friendly digital panel allows full control of the welding parameters. The excellent technical characteristics of the 200 AC/DC make it an ideal choice for professionally qualified TIG welders that require precise and reliable performance.

TECHNICAL DATA

Input Voltage	AC 230V - 50/60 Hz	
I _{eff} (A)	20	
Input Power (kVA)	6.9	
Current Range (A)	AC 20 - 200	DC 10 - 200
Duty Cycle @ 40°C	200A @ 35%	
No-Load Voltage (V)	60	
Protection/Insulation Class	IP21S/B	
Dimensions (LxWxH mm)	570 x 335 x 440	
Weight (Kg)	27	

PACKAGE INCLUDES

Inverter power source, TIG torch & adaptor, Gas regulator, Work return lead and clamp, Operating instructions, 5 year warranty*

PRO SERIES TIG 315P AC/DC Pulse Digital



ORDER CODE
JT-315D



OPTIONAL



Trolley
JTT-01



Foot Control Unit
JFC-01



Water Cooler
JWC-01

KEY FEATURES

- TIG Pulse AC/DC with digital control
- Program memory storage
- Peak current control, 2T/4T
- Pre-post flow time, up/down slope
- Pulse adjustment
- Pulse frequency, pulse duty, arc force, cleaning width
- Remote control interface
- AC function for aluminium and aluminium alloys
- DCTIG function for carbon steel, copper and non-ferrous metals
- Smooth arc and stable welding performance

The Jasic TIG 315 Pulse AC/DC is a technologically advanced three phase inverter power source is suitable for medium to large production work.

The innovative and user-friendly digital panel allows full control of the welding parameters.

The excellent technical characteristics of the 315 AC/DC make it an ideal choice for professionally qualified TIG welders that require precise and reliable performance.

TECHNICAL DATA

Input Voltage	AC 400V - 50/60 Hz	
I _{eff} (A)	13	
Input Power (kVA)	13.1	
Current Range (A)	AC 10 - 315	DC 10 - 250
Duty Cycle @ 40°C	TIG 315A @ 20%	MMA 250A @ 40%
No-Load Voltage (V)	45	
Protection/Insulation Class	IP21S/B	
Dimensions (LxWxH mm)	540 x 365 x 470	
Weight (Kg)	33	

PACKAGE INCLUDES

Inverter power source, TIG torch & adaptor, Gas regulator, Work return lead and clamp, Operating instructions, 5 year warranty*

PRO SERIES TIG 315P AC/DC Pulse Multi Wave Digital



ORDER CODE
JT-315MWD

ORDER CODE
JT-315MWD-WC



Included



OPTIONAL



Foot Control Unit
JFC-08

Trolley
JTT-MWD

Water Cooler
JWC-MWD



The Jasic TIG 315 is a digital AC/DC inverter welder with a wide range of functions, high performance and advanced technology. This multi-function welder with AC TIG welding (square wave, triangular wave and sine wave), AC pulsed TIG welding, DC TIG welding, DC pulsed TIG welding, AC-DC hybrid TIG welding and coated electrode MMA welding (DC, AC).

It can be used in a wide range of welding operations with various types of materials. The excellent welding performance and function rich technology make it a great choice for the professional welder with high quality demands.

KEY FEATURES

- TIG AC/DC Pulse with digital control
- Program memory storage up to 50 sets of data
- Microprocessor control of a wide range of functions
- Multi wave options on AC
- AC/DC TIG hybrid feature
- Variable AC frequency
- HF and lift TIG
- Remote control interface
- VRD function
- Digital display
- Intelligent fan and cooler control
- Excellent welding characteristics
- Generator friendly**

TECHNICAL DATA

	JT-315MWD		JT-315MWD-WC	
Input Voltage	AC 400V +/-15% - 50/60 Hz		AC 400V +/-15% - 50/60 Hz	
I _{eff} (A)	12.4		12.4	
Input Power (kVA)	14		14	
Current Range (A)	TIG 10 - 315	MMA 10 - 270	TIG 10 - 315	MMA 10 - 270
Duty Cycle @ 40°C	315A @ 30%	270A @ 30%	315A @ 30%	270A @ 30%
No-Load Voltage (V)	73 (12.4V - VRD)		73 (12.4V - VRD)	
Efficiency (%)	85		85	
Protection/Insulation Class	IP21S/F		IP21S/F	
Dimensions (LxWxH mm)	566 x 224 x 405		940 x 420 x 1130	
Weight (Kg)	25.5		80	

PACKAGE INCLUDES

Inverter power source, TIG torch & adaptor, Gas regulator, Work return lead and clamp, Operating instructions, 5 year warranty*

PRO SERIES TIG 500P AC/DC Pulse Digital



ORDER CODE
JT-500D



OPTIONAL



Foot Control Unit
JFC-06



Included

KEY FEATURES

- TIG Pulse AC/DC with digital control
- Program memory storage
- Easy to use, intuitive control panel
- Pre-post flow time, up/down slope
- Pulse adjustment
- Pulse frequency, pulse duty, arc force, cleaning width
- Remote control interface
- AC function for aluminium and aluminium alloys
- DCTIG function for carbon steel, copper and non-ferrous metals
- Smooth arc and stable welding performance
- Water cooled

The Jasic TIG 500 Pulse AC/DC (water cooled) is a technologically advanced three phase inverter power source is suitable for medium to large production work.

The innovative and user-friendly digital panel allows full control of the welding parameters.

The excellent technical characteristics of the 500 AC/DC make it an ideal choice for professionally qualified TIG welders that require precise and reliable performance.

TECHNICAL DATA

Input Voltage	AC 400V - 50/60 Hz	
I _{eff} (A)	23	
Input Power (kVA)	21.5	
Current Range (A)	TIG 10 - 500	MMA 10 - 400
Duty Cycle @ 40°C	500A @ 60%	
No-Load Voltage (V)	74	
Pulse Frequency (Hz)	AC 70	DC 200
Protection/Insulation Class	IP21S/F	
Dimensions (LxWxH mm)	1080 x 510 x 1180	
Weight (Kg)	128	

PACKAGE INCLUDES

Inverter power source, Trolley, Water cooler, TIG torch & adaptor, Gas regulator, Work return lead and clamp, Operating instructions, 5 year warranty*

PRO SERIES Plasma Cut 45 PFC Wide Voltage



ORDER CODE
JP-45PWV



OPTIONAL



Compressor
JAS3HP-100P

KEY FEATURES

- IGBT plasma cutting inverter
- Wide voltage inverter 95-265V
- Lightweight, portable modern design
- Variable cutting control
- Soft touch LED control display
- Smooth precise cutting
- PFC energy saving inverter
- Clean dry air requirement (170 Ltr/Min @ 4.5 bar)
- Includes PT60 6m plasma torch
- Suitable for automation cutting (optional)
- Non HF ignition
- Generator friendly**

The Jasic Cut 45P air plasma cutter equipped with PWV technology and high powered IGBT components is the perfect solution for cutting low carbon steel, stainless steel and aluminium.

This user-friendly and highly portable inverter offers smooth, fast and precise cutting on material up to 15mm (steel) and a maximum of 20mm, where a severance cut is required.

Another outstanding feature of this high specification model is PFC (power factor correction) that provides substantial energy saving benefits for the user.

TECHNICAL DATA

Input Voltage	AC 95-265V - 50/60 Hz	
	115V	230V
leff (A)	17	13.5
Input Power (kVA)	3.6	5.29
Current Range (A)	20 - 30	20 - 45
Duty Cycle @ 40°C	30A @ 30%	45A @ 35%
Cutting Capacity (Clean)	8mm	15mm
Cutting Capacity (Severance)	10mm	20mm
Efficiency (%)	85	
Power Factor	0.99	
Protection/Insulation Class	IP21S/F	
Compressed Air Requirement	170 Ltr/Min @ 4.5 Bar (65 psi)	
Dimensions (LxWxH mm)	439 x 165 x 328	
Weight (Kg)	9.2	

PACKAGE INCLUDES

Inverter power source, PT60 Plasma torch, Work return lead and clamp, Operating instructions, 5 year warranty*

PRO SERIES Plasma Cut 60 and Plasma Cut 80



ORDER CODE
JP-61

ORDER CODE
JP-81



OPTIONAL



Compressor
JAS3HP-100P



The New Jasic Pro Plasma Cut 60 and 80 are 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
- 6 mtr hand torch with Euro connection
- Non HF ignition
- LED display
- Smooth precise cutting
- CNC connection for automation cutting
- Simple operation
- Includes PT100 6m plasma torch
- Generator friendly**

TECHNICAL DATA

	JP-61	JP-81
Input Voltage	AC 400V - 50/60 Hz	AC 400V - 50/60 Hz
I _{eff} (A)	9.5	14
Input Power (kVA)	10.8	15.8
Current Range (A)	20 - 60	20 - 80
Duty Cycle @ 40°C	60A @ 40%	80A @ 40%
Cutting Capacity (Clean)	20 mm	25 mm
Cutting Capacity (Severance)	25 mm	30 mm
Efficiency (%)	85	85
Power Factor	0.9	0.9
Protection/Insulation Class	IP21S/F	IP21S/F
Compressed Air Requirement	200 Ltr/Min @ 5 Bar (73 psi)	200 Ltr/Min @ 5 Bar (73 psi)
Dimensions (LxWxH mm)	555 x 210 x 415	555 x 210 x 415
Weight (Kg)	14.5	15

PACKAGE INCLUDES

Inverter power source, PT100 Plasma torch, Work return lead and clamp, Operating instructions, 5 year warranty*

PRO SERIES Plasma Cut 100 and Plasma Cut 160



ORDER CODE
JP-100

ORDER CODE
JP-160



OPTIONAL



Compressor
JAS3HPXX-200S



The Jasic Pro Plasma Cut 100 and Plasms Cut 160 are 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

- IGBT plasma cutting inverter
- Lightweight, portable modern design
- Variable cutting control
- HF ignition
- LED display
- Smooth precise cutting
- Simple operation
- Suitable for automated cutting (optional)
- P150LT 6m hand plasma torch
- Generator friendly**

TECHNICAL DATA

	JP-100	JP-160
Input Voltage	AC 400V - 50/60 Hz	AC 400V - 50/60 Hz
I _{eff} (A)	17	48
Input Power (kVA)	15.8	43
Current Range (A)	20 - 100	30 - 160
Duty Cycle @ 40°C	100A @ 40%	160A @ 60%
Cutting Capacity (Clean)	30 mm	45 mm
Cutting Capacity (Severance)	35 mm	50 mm
Efficiency (%)	90	85
Power Factor	0.93	0.99
Protection/Insulation Class	IP21S/F	IP21S/F
Compressed Air Requirement	220 Ltr/Min @ 5 Bar (73 psi)	220 Ltr/Min @ 5 Bar (73 psi)
Dimensions (LxWxH mm)	565 x 255 x 440	676 x 333 x 712
Weight (Kg)	26.5	55

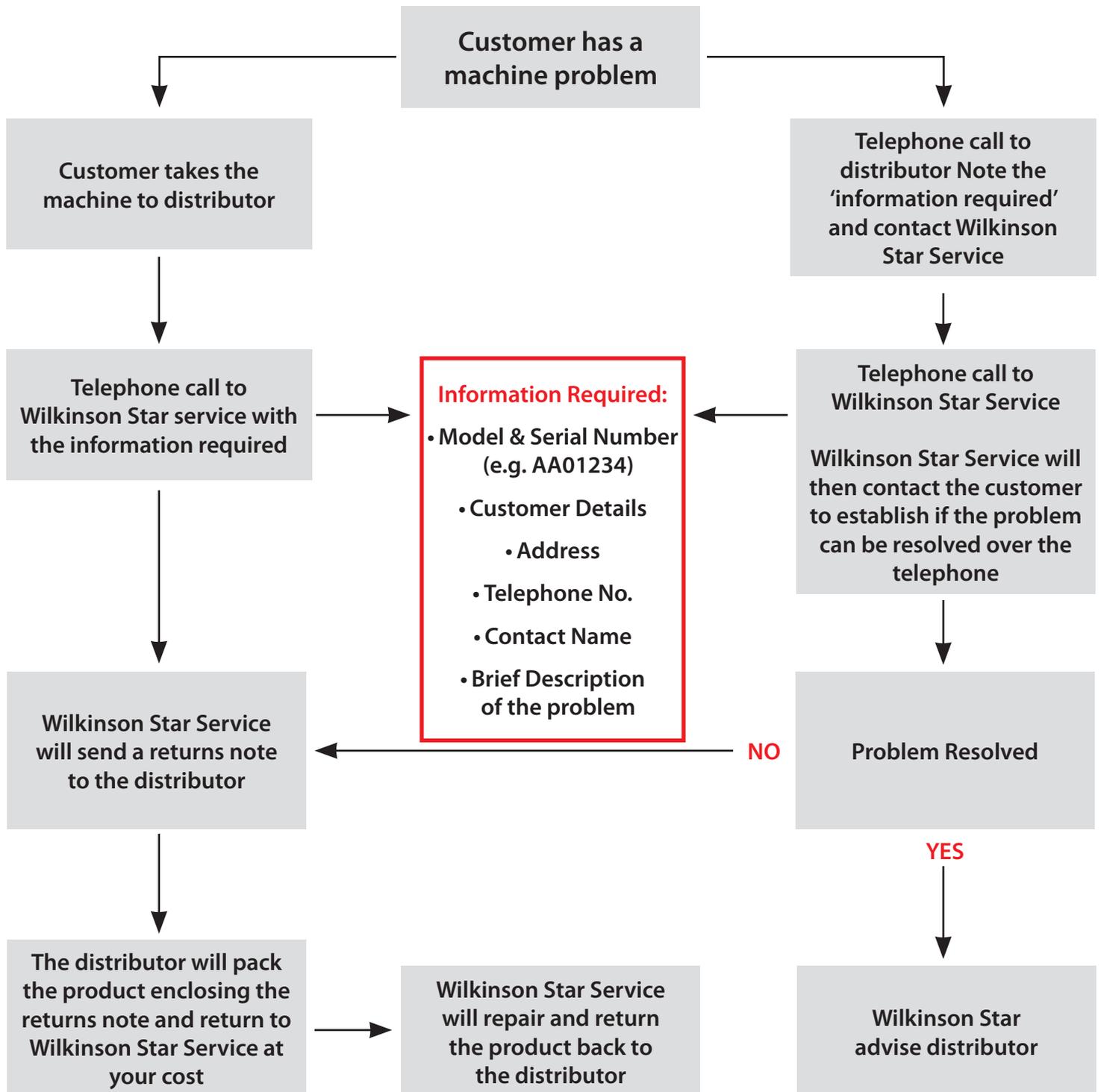
PACKAGE INCLUDES

Inverter power source, P150LT Plasma torch, Work return lead and clamp, Operating instructions, 5 year warranty*

* 5 year warranty subject to product registration ** Generator should have regulated output



WARRANTY PROCEDURE



WILKINSON STAR SERVICE CONTACT INFORMATION

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