



The power in inverter technology

2019



Year
Warranty
5
ON ALL MODELS

www.jasic.co.uk



The power in inverter technology

5 Year
Warranty*
ON ALL MODELS



*5 year warranty subject to product registration

5 million dollar investment into cutting edge integrated Test Laboratories on site
Jasic equipment undergoes 42 individual tests to meet high quality standards

Manufacturing over 200 different equipment models on site

Production capability of 1 million machines per annum

4 centre strong Research and Development Facilities have been ranked as the most progressive R & D enterprise in the Pearl River Delta Region

In 2017, Jasic were awarded the first welding laboratory UA certification in China from TÜV Rheinland



Jasic Technology Co. Ltd

JASIC is an international developer, manufacturer and supplier of welding inverters and integrated welding solutions that represent value, reliability and innovation. An international sales network in 60 countries - JASIC has a worldwide reputation for providing the best quality with exceptional service.

In March 2011, JASIC was successfully launched on the Shenzhen stock exchange and now has realistic ambitions to become the largest manufacturer of welding inverters in the world today.

JASIC has a certified ISO 9001 quality management system and a product range that fully complies with CE, RoHS, C-TICK, CSA and CCC standard.

One of the UK's largest and most dynamic independent suppliers of industrial equipment
Wilkinson Star is the exclusive UK importer of Jasic equipment and is a service led, expanding force in the welding industry since its formation over 35 years ago.

We present JASIC - striking looks, simple operation with highly advanced electronics...

supported by the very best after sales service in the industry...

Join the Journey - Join JASIC



Wilkinson Star Limited

twitter @jasicuk



QUALITY

“ JASIC inverters comply with the most stringent quality and safety standards ”

Every inverter is comprehensively inspected with 42 test procedures in R & D testing laboratories on site



Vibration Testing



Waterproof Testing



High/Low Temperature



Conducted Emission Disturbance Testing



Electrostatic Prevention Testing



Metallic Dust Testing



Harmonics & Flicker Test Laboratory



“ JASIC has invested 5 million dollars into cutting edge integrated test laboratories and owns 4 Research & Development Centres in China with more than 60 patents. JASIC'S 30,000m² Research & Development Centre has the most complete and advanced test laboratory to guarantee JASIC product quality and commitment to new technology. ”

All products endure 42 different tests of equipment: EMC tests, environmental and reliability testing, safety tests, functional performance tests, white box limit tests, thermal tests, auto-testing platform, component/device test, welding processing test, arc ignition/cutting experiments, welding material metallographic examination tests, high speed photography test in welding process along with all the in-depth testing within each test area.

MANUFACTURING

JASIC'S manufacturing site is over 80,000m² and is arguably the largest and most modern inverter manufacturing base in China. The production capacity is 1 million units per year. JASIC'S Welding Engineering Centre offers several brand new advanced auto production lines, supporting auto chip moulder, auto insertion machine and comprehensive debugging cabinet to achieve highly advanced manufacturing production. The manufacturing site is equipped with 13 auto welder assembly lines with self-recovery tooling plate function, 2000m² SMT & AI workshop (temperature, humidity and dust control, relative clean workshop), 10,000m² PCBA workshop (Epoxy self-levelling floor anti-static production workshop).

“ Over 795,000 models manufactured to date in 2016 ”



Here we consider some users questions before purchase



THERE IS NO COMPROMISE ON THE QUALITY OF JASIC EQUIPMENT . . .
SUCH IS OUR CONFIDENCE IN THIS TECHNOLOGY
WE OFFER AN UNPARALLELED 5 YR WARRANTY ON ALL MODELS

Q: How do I register?

A: It's so simple . . . visit our website www.jasic.co.uk and head to the register tab on the home page

Q: Can I have my machine validated as I am working to EN50504:2008 and I need to provide certification?

A: Yes, we offer a full validation service and we recommend you book for this at the time of purchase. For a small fee you will have peace of mind that your machine complies with welding procedure requirements. We can also offer validation on site, supported by our Technical Team covering the UK.

Q: We employ a team of 40 welders, can you provide training on our new JASIC products?

A: Yes, we can offer full on-site professional training on all equipment from our dedicated team or if you prefer, why not visit our JASIC Training Academy in Manchester - where our trainers can take you through the practical and theory aspects of your weld.



Q: Can we return the equipment? Who covers the cost of this?

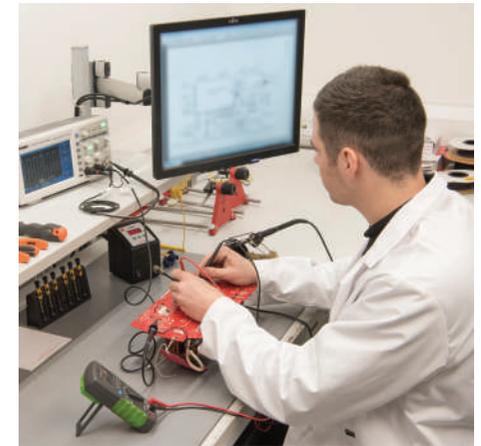
A: Yes, Wilkinson Star will arrange at its expense to collect and return from the distributor (UK Mainland).

Q: So purchasing this product sounds like it will give me total peace of mind in that it's been through rigorous quality testing in manufacture. You've sold thousands of units and in the event of a problem you can fix it swiftly and efficiently. Sounds like a good investment.

A: Absolutely, we sell quality and our investment in pre and after sales service is paramount to us in the future growth of the product. We know you will be pleased with your purchase and enjoy many years of quality welding with JASIC.

Q: So this is a true 5 year warranty?

A: Totally, we believe we are the only company in our industry who can offer a true 5 year warranty as no one can match us on the investment we've made to support the sale and service of this quality equipment.



Q: Sometimes things go wrong - we have a large order to fulfil and think we may have a problem with the kit, what should we do?

A: Firstly, we ask you to call our dedicated technical support line on 0161 728 7901 as our over the phone advice may be all you need to get you up and running. If not, we employ the best solutions to get you back up and running. Through our highly trained technician support team in Manchester, Swindon and Cramlington customer care is our byword and your productivity is our priority.



“ We are serious about product quality. Sound performance and reliability is what you can expect from our products ”

*5 year warranty subject to product registration



Serving Industry



Manufacturing



Power Generation



Agricultural



Construction



Rail



Shipbuilding



Aviation



Offshore



Engineering / Maintenance



Steelwork



Engineering / Maintenance



Mining

High quality equipment demands quality training

Visit our state of the art
Welding Academy

- Welder Approval Qualification Test (Coded)
- Welder Training at all levels
- Approval of Welding Procedure Specifications



wilkinson-welding-academy.com
Manchester M28 2WD



Skills
Funding
Agency



The Sector Skills Council
for Science, Engineering and
Manufacturing Technologies



- 12 individual acoustic welding bays fitted with the latest fume extraction equipment
- Extensive range of welding equipment on site for practical training covering all welding processes



The power in inverter technology

There is no compromise
on the quality of this equipment
- such is our confidence in this technology
Wilkinson Star
offer an unparalleled
5 year warranty on all models



the first of its kind in the welding
industry.

All equipment is fully supported by
WILKINSON STAR trained technicians.

For full warranty terms please visit jasic.co.uk

*5 year warranty subject to product registration



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*5 year warranty subject to product registration



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MMA

TIG

PLASMA

MIG

ACCESSORIES

MMA

TIG

PLASMA

MIG

ACCESSORIES

MMA

TIG

PLASMA

MIG

ACCESSORIES



 **JASIC**

PRO
SERIES

MMA

MMA

TIG

PLASMA

MIG

ACCESSORIES

Order Code: JA-140



Optional

MMA Leads
Order Code:
WCS25-3



Site Bag
Order Code:
JSB-01



Shoulder Strap
Order Code:
JSS-01



Durable, compact inverter with distinctive design

Key Features

- IGBT inverter technology - for the professional user
- MMA/DC Lift TIG
- 40 Khz inverter frequency, high-efficiency
- Self adaptive arc force
- Compact size, lightweight and modern design
- Heavy duty 16-25mm dinse sockets
- Easy arc starting, minimal spatter
- Stable and reliable arc
- Auto-compensation for voltage fluctuation
- Advanced single PCB construction
- Can weld electrodes of up to 3.2mm
- Generator friendly**

Technical Data

Input Voltage	AC 230V - 50/60 Hz
I _{eff} (A)	15.5
Input Power (kVA)	63
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

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

- High quality tactile rubber finish to mouldings & handle

Supplied in full colour packaging



The power in inverter technology

Innovative welding technology

Order Code:
JA-160PFC

**NEW for
2019**



Key Features

- IGBT inverter technology - for the professional user
- MMA/DC Lift TIG
- Wide input voltage 95-265V
- Hot start ignition, anti stick
- 33 Khz inverter frequency, high-efficiency
- Self adaptive arc force
- 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
- Advanced single PCB construction
- Can weld electrodes of up to 4mm
- Generator friendly**

Technical Data

Input Voltage	95-265V - AC 50/60Hz	
	115V	230V
Ieff(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	

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



Highly flexible dual voltage inverter for site work applications



- High quality tactile rubber finish to mouldings & handle

The power in inverter technology

Innovative welding technology



Durable, compact inverter with distinctive design

- High quality tactile rubber finish to mouldings & handle



Complete with:
Protective case & MMA leads

The power in inverter technology

Key Features

- IGBT inverter technology - for the professional user
- Wide input voltage 95-265V
- MMA/DC Lift TIG
- Hot start ignition, anti stick
- 40 Khz inverter frequency, high-efficiency
- Self adaptive arc force
- 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
- Advanced single PCB construction
- Can weld electrodes of up to 4mm
- Generator friendly**

Technical Data

Input Voltage	95-265V - AC 50/60Hz	
	115V	230V
Ieff(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	

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



Innovative welding technology

Order Code:
JA-180PFC



Key Features

- IGBT inverter technology - for the professional user
- MMA/DC Lift TIG
- Wide input voltage 95-265V
- Hot Start ignition, anti stick
- 33 Khz inverter frequency, high-efficiency
- Self adaptive arc force
- 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
- Advanced single PCB construction
- Can weld electrodes of up to 4mm
- Generator friendly**

Technical Data

Input Voltage	95-265V - AC 50/60Hz	
	115V	230V
Ieff(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	

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



- High quality tactile rubber finish to mouldings & handle



Optional



Order Code: JPA-180



Durable, compact inverter with distinctive design

- High quality tactile rubber finish to mouldings & handle



Complete with:
Protective case & MMA leads

Key Features

- IGBT inverter technology - for the professional user
- MMA/DC Lift TIG
- Hot start ignition, anti stick
- 40 Khz inverter frequency, high-efficiency
- Self adaptive arc force
- 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
- Advanced single PCB construction
- Can weld electrodes of up to 4mm
- Generator friendly**

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

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



Order Code:
JA-200PFC



Key Features

- IGBT inverter technology - for the professional user
- MMA/DC Lift TIG
- Wide input voltage 95-265V
- Hot start ignition, anti stick
- 33 Khz inverter frequency, high-efficiency
- Adjustable arc force control
- 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
- Advanced single PCB construction
- Can weld electrodes of up to 4mm
- Digital meter
- Generator friendly**

Technical Data

Input Voltage	95-265V - AC 50/60Hz	
	115V	230V
Ieff(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% TIG 110A @ 35%	MMA 200A @ 25% TIG 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	

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

The power in inverter technology



NEW

Optional

MMA Leads

Order Code:

WCS25-3WEL



Site Bag

Order Code:

JSB-01



Shoulder Strap

Order Code:

JSS-01



- High quality tactile rubber finish to mouldings & handle

Order Code: JA-402



NEW

High duty output
for the most demanding
MMA welding applications

Key Features

- IGBT inverter technology - for the professional user
- Digital ammeter
- Inbuilt VRD
- Anti stick, arc force, hot start, DC Lift TIG
- Advanced control technology
- Compact size, lightweight and modern design
- Excellent weld characteristics
- Auto-compensation for voltage fluctuation
- VRD option & remote cable socket
- Generator friendly**

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)	72 (9V - VRD)
Efficiency (%)	85
Power Factor	0.95
Protection/Insulation Class	IP21S/F
Dimensions (LxWxH mm)	618 x 330 x 441
Weight (Kg)	20

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



MMA

TIG

PLASMA

MIG

ACCESSORIES

MMA

TIG

PLASMA

MIG

ACCESSORIES

Order Code:
JA-402C



Key Features

- IGBT inverter technology - for the professional user
- Digital ammeter
- Inbuilt VRD
- Anti stick, arc force, hot start, DC Lift TIG
- Advanced control technology
- Compact size, lightweight and modern design
- Excellent weld characteristics
- Auto-compensation for voltage fluctuation
- VRD option & remote cable socket
- Suitable for welding cellulosic electrodes
- Generator friendly**

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

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



NEW for 2019

Suitable for welding cellulosic electrodes

High duty output for the most demanding MMA welding applications

The power in inverter technology

Innovative welding technology

MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA

TIG

PLASMA

MIG

ACCESSORIES



 **JASIC**

PRO
SERIES

DC
TIG

MMA

TIG

PLASMA

MIG

ACCESSORIES



Includes
TIG torch & adaptor,
gas regulator,
work return lead
& clamp

- High quality tactile rubber finish to mouldings & handle

The power in inverter technology

Key Features

- IGBT inverter technology - for the professional user
- DC TIG/MMA
- Hot start, HF arc ignition, 2T/4T
- Down slope & post flow
- High frequency inverter, high efficiency
- Compact size, lightweight and modern design
- Heavy duty 35-50mm dinse sockets
- Easy start, stable and reliable arc
- Auto-compensation for voltage fluctuation
- Advanced single PCB construction
- Generator friendly**

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	TIG 180A @ 35%	MMA 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	

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

Innovative welding technology

Order Code: JT-180



Optional
Trolley
Order Code:
JIT-01



MMA Leads
Order Code:
WCS25-3WEL



Site Bag
Order Code:
JSB-01



Shoulder Strap
Order Code:
JSS-01



Order Code: JT-180DV



Key Features

- IGBT inverter technology - for the professional user
- Dual input voltage
- DC TIG/MMA
- Hot start, HF arc ignition, 2T/4T
- Down slope & post flow
- High frequency inverter, high efficiency
- Compact size, lightweight and modern design
- Heavy duty 35-50mm dinse sockets
- Easy start, stable and reliable arc
- Auto-compensation for voltage fluctuation
- Advanced single PCB construction
- Generator friendly**



Technical Data

Input Voltage	AC 115V/230V - 50/60 Hz	
	115V	230V
Ieff(A)	18.5	14.2
Input Power (kVA)	4	7
Current Range (A)	TIG 10 - 120 MMA 10 - 100	TIG 10 - 180 MMA 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	

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



Includes
TIG torch & adaptor,
gas regulator,
work return lead
& clamp

Combining striking style,
simple operation,
dual voltage versatility
and highly advanced electronics

- High quality tactile rubber finish to mouldings & handle



MMA

MMA

TIG

TIG

Optional

Trolley
Order Code:
JIT-01



MMA Leads
Order Code:
WCS25-3WEL



Site Bag
Order Code:
JSB-01



Shoulder Strap
Order Code:
JSS-01



PLASMA

MIG

ACCESSORIES

Order Code: JPT-180



Includes
Protective case,
MMA leads,
TIG torch & adaptor,
gas regulator

- High quality tactile rubber finish to mouldings & handle

The power in inverter technology

Key Features

- IGBT inverter technology - for the professional user
- DC TIG/MMA
- Hot start, HF arc ignition, 2T/4T
- Down slope & post flow
- High frequency inverter, high efficiency
- Compact size, lightweight and modern design
- Heavy duty 35-50mm dinse sockets
- Easy start, stable and reliable arc
- Auto-compensation for voltage fluctuation
- Advanced single PCB construction
- Generator friendly**

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	TIG 180A @ 35%	MMA 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	

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



Optional

Trolley
Order Code:
JIT-01



Site Bag
Order Code:
JSB-01



Shoulder Strap
Order Code:
JSS-01

MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA
TIG
PLASMA
MIG
ACCESSORIES

Order Code: JT-200



Key Features

- IGBT inverter technology - for the professional user
- DC TIG/MMA
- Hot start, HF arc ignition, 2T/4T
- Down slope & post flow
- High frequency inverter, high efficiency
- Compact size, lightweight and modern design
- Heavy duty 35-50mm dinse sockets
- Easy start, stable and reliable arc
- Auto-compensation for voltage fluctuation
- Advanced single PCB construction
- Generator friendly**

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	

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

Optional

Trolley
Order Code:
JIT-01



MMA Leads

Order Code:
WCS25-3WEL



Site Bag

Order Code:
JSB-01



Shoulder Strap

Order Code:
JSS-01



Includes

TIG torch & adaptor,
gas regulator,
work return lead
& clamp



- High quality tactile rubber finish to mouldings & handle



The power in inverter technology

Innovative welding technology

MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA
TIG
PLASMA
MIG
ACCESSORIES



NEW



Includes

TIG torch & adaptor,
gas regulator,
work return lead
& clamp

- High quality tactile rubber finish to mouldings & handle

The power in inverter technology

Key Features

- IGBT inverter technology - for the professional user
- Wide input voltage 95-265V
- DC Pulse TIG/MMA
- PFC energy saving technology
- Digital control, HF arc ignition, 2T/4T
- High frequency inverter, high efficiency
- Compact size, lightweight and modern design
- Heavy duty 35-50mm dinse sockets
- Easy start, stable and reliable arc
- Auto-compensation for voltage fluctuation
- Advanced single PCB construction
- Generator friendly**

Technical Data

	95-265V - AC 50/60Hz	
	115V	230V
I _{eff} (A)	27.7	14.2
Input Power (kVA)	4	6
Current Range (A)	TIG 10 - 200 MMA 10 - 125	TIG 10 - 200 MMA 10 - 180
Duty Cycle @ 40°C	TIG 160A @ 60% MMA 125A @ 60%	TIG 200A @ 30% MMA 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	

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

Innovative welding technology

Order Code: JT-200P-PFC



Optional

Trolley
Order Code:
JIT-01



Site Bag
Order Code:
JSB-01



Shoulder Strap
Order Code:
JSS-01



Foot Control Unit
Order Code:
JFC-05



MMA
TIG
PLASMA
MIG
ACCESSORIES

Order Code: JT-300P



Key Features

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

Technical Data

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

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



NEW

Includes

TIG torch & adaptor,
gas regulator,
work return lead & clamp

Optional



Foot Control Unit
Order Code:
JFC-08

Trolley
Order Code:
JTT-MWD



Water Cooling Unit
Order Code:
JWC-MWD

The power in inverter technology

Innovative welding technology

MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA
TIG
PLASMA
MIG
ACCESSORIES

NEW

Order Code: JT-300P-WC



Includes
TIG torch & adaptor,
gas regulator,
work return lead & clamp,
trolley and water cooler

Optional

Foot Control Unit
Order Code:
JFC-08



Key Features

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

Technical Data

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

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



Order Code: JT-400P



Key Features

- Industrial grade IGBT inverter technology
- DC Pulse TIG/MMA with VRD function option
- MCU chip for high accuracy, consistency and performance
- 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**

Technical Data

Input Voltage	AC 400V - 50/60 Hz	
Ieff(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	

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



Foot Control Unit
Order Code:
FJC-07



Includes

TIG torch & adaptor,
gas regulator,
work return lead
& clamp, trolley
and water cooler

- High quality tactile rubber finish to mouldings & handle



Air cooled version
also available
JT-400PA

MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA
TIG
PLASMA
MIG
ACCESSORIES



 **JASIC**

PRO
SERIES

AC/DC
TIG

MMA

TIG

PLASMA

MIG

ACCESSORIES

 **JASIC**

MMA

TIG

PLASMA

MIG

ACCESSORIES

Order Code: JT-200DS



Key Features

- Unique air channel design to give high performance and protection of the electronics
- Microprocessor control for efficient control of welding parameters
- Auto protection circuits to prolong the life of the equipment
- Advanced arc ignition system
- High frequency AC for narrow controlled arc and deeper penetration
- High speed pulse welding for ultimate weld bead control
- Easy to use intuitive control panel
- Extensive range of adjustable parameters for precise control
- Heavy duty 35-50mm dinse sockets
- Auto save memory function
- Tungsten selection system
- Thermally controlled cooling fan
- Optional remote controls
- Generator friendly**

Technical Data

Input Voltage	AC 230V - 50/60 Hz	
Ieff(A)	16	
Input Power (kVA)	6.9	
Current Range (A)	TIG 5 - 200	MMA 10 - 160
Duty Cycle @ 40°C	TIG 200A @ 25%	MMA 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	

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



Optional

Trolley
Order Code:
JIT-01

Foot Control Unit
Order Code:
JFC-05



Includes

TIG torch & adaptor,
gas regulator,
work return lead
& clamp

- High quality tactile rubber finish to mouldings & handle

The latest innovation
in pulse TIG inverter
development

MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA
TIG
PLASMA
MIG
ACCESSORIES

Order Code: JT-200A



Includes

TIG torch & adaptor,
gas regulator,
work return lead
& clamp

Ultimate operator
control and
unrivalled weld
performance

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
- DC TIG function for carbon steel, stainless, copper and non-ferrous metals
- Smooth arc and stable welding performance
- Generator friendly**

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	

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



Optional
Trolley
Order Code:
JTT-01

Foot Control Unit
Order Code:
JFC-01



The power in inverter technology

Innovative welding technology

MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA
TIG
PLASMA
MIG
ACCESSORIES

Order Code: JT-200D



Optional

Trolley
Order Code:
JTT-01



Foot Control Unit
Order Code:
JFC-01



Water Cooling Unit
Order Code:
JWC-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
- DC TIG function for carbon steel, stainless, copper and non-ferrous metals
- Smooth arc and stable welding 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		

*5 year warranty subject to product registration



Includes
TIG torch & adaptor,
gas regulator,
work return lead
& clamp

Order Code: JT-315D



Includes
TIG torch & adaptor,
gas regulator,
work return lead
& clamp

Feature rich
AC/DC inverter
offering maximum
functionality
and superior
arc performance

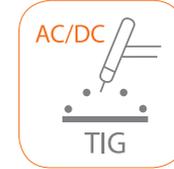
Key Features

- 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
- DC TIG function for carbon steel, stainless, copper and non-ferrous metals
- Smooth arc and stable welding performance
- Water connection for optional torch cooling

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	

*5 year warranty subject to product registration



Optional

Trolley
Order Code:
JTT-01



Foot Control Unit
Order Code:
JFC-01



Water Cooling Unit
Order Code:
JWC-01



The power in inverter technology

Innovative welding technology

MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA
TIG
PLASMA
MIG
ACCESSORIES

Order Code: JT-315MWD



Key Features

- TIG AC/DC 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
- Variable AC frequency
- Remote control interface
- VRD function
- Intelligent fan and cooler control
- Excellent welding characteristics
- Handle for ease of portability
- Generator friendly**

Technical Data

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

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



NEW for 2019

Optional

Foot Control Unit

Order Code:

JFC-08



Trolley

Order Code:

JTT-MWD

Water Cooling Unit

Order Code:

JWC-MWD



Includes

TIG torch & adaptor,
gas regulator,
work return lead & clamp

The power in inverter technology

Innovative welding technology

Order Code: JT-315MWD-WC


NEW for 2019
Optional

Foot Control Unit

 Order Code:
JFC-08

Includes

 TIG torch & adaptor,
gas regulator,
work return lead
& clamp, trolley
and water cooler

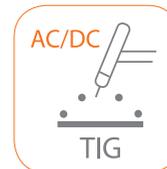
Key Features

- 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

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

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



The power in inverter technology

Innovative welding technology

Order Code: JT-500D



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
- DC TIG function for carbon steel, stainless, copper and non-ferrous metals
- Smooth arc and stable welding performance

Technical Data

Input Voltage	AC 400V - 50/60 Hz	
Ieff(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	

*5 year warranty subject to product registration



Optional

Foot Control Unit

Order Code:
JFC-06



Includes
TIG torch & adaptor,
gas regulator,
work return lead
& clamp, trolley
and water cooler

Modular design
with trolley and
water cooler
included

MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA
TIG
PLASMA
MIG
ACCESSORIES



 **JASIC**

PRO
SERIES

PLASMA CUTTING

MMA

TIG

PLASMA

MIG

ACCESSORIES

MMA

TIG

PLASMA

MIG

ACCESSORIES

Order Code: JP-45PWV



Includes
PT60 6m Plasma torch
work return lead & clamp

Key Features

- IGBT Plasma inverter
- Wide input voltage 95-265V
- Lightweight, portable modern design
- Variable cutting control
- LED control display
- Simple operation
- Smooth precise cutting
- Generator friendly**
- Suitable for automated cutting (optional)
- Includes PT60 plasma torch

Technical Data

Input Voltage	AC 95-265V - 50/60 Hz	
	115V	230V
I _{eff} (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)	8 mm	15 mm
Cutting Capacity (Severance)	10 mm	20 mm
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	

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



Ask about our
compressed
air packages
& cutting tables

Optional
Shoulder Strap
Order Code:
JSS-01



The power in inverter technology

Innovative welding technology

MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA
TIG
PLASMA
MIG
ACCESSORIES

Order Code: JP-61



Ask about our compressed air packages & cutting tables

Professional high-end cutting power source equipped with the latest IGBT technology

Key Features

- Latest IGBT 60A Plasma inverter
- Lightweight, portable robust design
- Variable cutting control - 20mm cut on mild steel
- Non HF ignition
- LED display
- Simple operation
- Smooth precise cutting of steel, stainless, cast iron, brass, copper & aluminium
- CNC connection for automated cutting
- Inbuilt air regulator with pre-set air pressure
- Includes PT100 6m plasma hand torch
- Generator friendly**

Technical Data

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

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



Suitable for:

- Sheet Metal Fabrication
- Ducting Work
- Repair Maintenance
- Fabrication
- Hand or Automated Cutting

Includes

6m Plasma hand torch with Euro connection, work return lead & clamp, integrated air regulator

The power in inverter technology

Innovative welding technology

MMA

TIG

PLASMA

MIG

ACCESSORIES

MMA

TIG

PLASMA

MIG

ACCESSORIES

Order Code: JP-81

Suitable for:

- Sheet Metal Fabrication
- Ducting Work
- Repair Maintenance
- Fabrication
- Hand or Automated Cutting



Includes
6m Plasma hand torch
with Euro connection,
work return lead & clamp,
integrated air regulator

Key Features

- Latest IGBT 80A Plasma Inverter
- Lightweight, portable robust design
- Variable cutting control - 25mm cut on mild steel
- Non HF ignition
- LED display
- Simple operation
- Smooth precise cutting of steel, stainless, cast iron, brass, copper & aluminium
- CNC connection for automated cutting
- Inbuilt air regulator with pre-set air pressure
- Includes PT100 6m plasma hand torch
- Generator friendly**

Technical Data

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

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



Professional high-end cutting power source equipped with the latest IGBT technology

Ask about our compressed air packages & cutting tables

The power in inverter technology

Innovative welding technology

MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA
TIG
PLASMA
MIG
ACCESSORIES

Order Code: JP-100



Ask about our compressed air packages

Key Features

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

Technical Data

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

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



Includes
6m Plasma hand torch
work return lead & clamp,
integrated air regulator

Professional high-end cutting power source equipped with the latest IGBT technology

MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA
TIG
PLASMA
MIG
ACCESSORIES

Order Code: JP-160



Includes
6m Plasma hand torch
work return lead & clamp
and wheel kit,
integrated air regulator

Key Features

- IGBT Plasma inverter
- Wheel mounted, easy to manoeuvre with modern design
- Variable cutting control
- HF ignition
- LED display
- Simple operation
- Inbuilt pressure regulator
- Smooth precise cutting
- Suitable for automated cutting (optional)
- Includes P150LT 6m hand plasma torch
- Generator friendly**

Technical Data

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

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



Professional high-end cutting power source equipped with the latest IGBT technology

Ask about our compressed air packages

The power in inverter technology

Innovative welding technology



 **JASIC**

PRO
SERIES

MIG

MMA

TIG

PLASMA

MIG

ACCESSORIES

MMA

TIG

PLASMA

MIG

ACCESSORIES

Order Code: JM-160C



Key Features

- Single PCB compact welding inverter
- IGBT MIG/MAG/MMA multi process inverter technology - for the professional user
- Stable arc and reliable performance
- Suitable for 0.6, 0.8 and 1.0mm wire
- Compact size, lightweight and modern design
- Burn back control
- Ideal for production, site work & maintenance
- Reverse polarity
- Generator friendly**

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

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



Optional

MMA Leads
Order Code:
WCS25-3WEL



Shoulder Strap

Order Code:
JSS-01



Trolley

Order Code:
JIT-01




The latest IGBT compact MIG/MMA Inverter, ideally suited for production, site work and maintenance

Includes
MIG torch, gas regulator, work return lead & clamp



Supplied in full colour packaging

The power in inverter technology

Innovative welding technology

MMA

TIG

PLASMA

MIG

ACCESSORIES



Includes
MIG torch,
gas regulator,
work return lead & clamp

The power in inverter technology

Key Features

- Single PCB compact welding inverter
- IGBT MIG/MAG/MMA multi process inverter technology - for the professional user
- Stable arc and reliable performance
- Suitable for 0.6, 0.8 and 1.0mm wire
- 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**

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

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

Innovative welding technology

Order Code: JM-200C



Optional

MMA Leads
Order Code:
WCS25-3WEL



Shoulder Strap
Order Code:
JSS-01



Trolley
Order Code:
JIT-01



Supplied in full
colour packaging



Order Code: JM-200CS



Optional

MMA Leads
Order Code:
WCS25-3WEL

Shoulder Strap
Order Code:
JSS-01

Trolley
Order Code:
JIT-01

Key Features

- Synergic control
- Single PCB compact welding inverter
- IGBT MIG/MAG/MMA/Lift TIG multi process synergic inverter for the professional user
- Digital amp and voltmeter
- Stable arc and reliable performance
- Suitable for 0.6, 0.8 and 1.0mm wire
- Compact size, lightweight and modern design
- Ideal for production, site work & maintenance
- Reverse polarity
- Generator friendly**

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

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

The power in inverter technology



Experience high quality weld performance and versatility

Includes

MIG torch, gas regulator, work return lead & clamp



Innovative welding technology

Supplied in full colour packaging



MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA
TIG
PLASMA
MIG
ACCESSORIES



NEW



Experience high quality weld performance and versatility

Includes
MIG torch, gas regulator, work return lead & clamp



Supplied in full colour packaging

The power in inverter technology

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**

Technical Data

Input Voltage	95-265V - AC 50/60Hz	
	115V	230V
Ieff(A)	20.1	14.8
Input Power (kVA)	4.2	5.8
Voltage Adjustment Range (V)	11 - 28	
Current Range (A)	MIG 30 - 140	MIG 30 - 200
	MMA 10 - 140	MMA 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	

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

Innovative welding technology

Order Code: JM-200PFC



Optional
MMA Leads
Order Code:
WCS25-3WEL



Shoulder Strap
Order Code:
JSS-01



Trolley
Order Code:
JIT-01

MMA
TIG
PLASMA
MIG
ACCESSORIES

Order Code: JM-252C



Optional



Key Features

- Multi function inverter: MIG/MAG/MMA and gasless, flux cored
- Digital display
- High duty cycle
- Advanced control circuitry
- Suitable for 0.6, 0.8 and 1.0mm wire
- Stable welding arc with minimal spatter
- Burn back control
- Spool gun interface
- Wire inching feature

Technical Data

Input Voltage	AC 230V - 50/60 Hz
Ieff(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

*5 year warranty subject to product registration

Accommodates full size gas cylinder



Includes MIG torch, gas regulator, work return lead & clamp

Consistently reliable performance for highly demanding and repetitive weld cycles

Innovative welding technology

MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA
TIG
PLASMA
MIG
ACCESSORIES

Order Code: JM-352C



Accommodates full size gas cylinder

Consistently reliable performance for highly demanding and repetitive weld cycles

Optional



Spool Gun
Order Code: JSG-02



MMA Leads
Order Code: WCS25-3WEL

Includes
MIG torch, gas regulator, work return lead & clamp

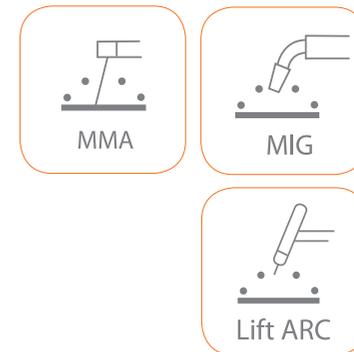
Key Features

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

Technical Data

Input Voltage	AC 400V - 50/60 Hz
Ieff(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

*5 year warranty subject to product registration



MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA
TIG
PLASMA
MIG
ACCESSORIES

Order Code: JM-250S



5 Year Warranty*



Optional
Inverter Trolley
Order Code:
JMT-250S



MMA Leads
Order Code:
WCS25-3WEL

Key Features

- MIG/MAG/MMA IGBT inverter
- Digital amp and voltmeter
- High duty cycle
- Spot welding feature
- Suitable for 0.6, 0.8 and 1.0mm wire
- Wire inching feature
- Compact portable design
- Includes interconnecting cable
- 2T/4T MMA function

Technical Data

Input Voltage	AC 400V - 50/60 Hz	
I _{eff} (A)	9.1	
Input Power (kVA)	8.4	
Voltage Adjustment Range (V)	14 - 32	
Current Range (A)	MIG 50 - 250	MMA 20 - 220
Duty Cycle @ 40°C	250A @ 60%	
No-Load Voltage (V)	52	
Wire Spool Size	ø 200/300mm	
Efficiency (%)	85	
Power Factor	0.93	
Protection/Insulation Class	IP21S/F	
Dimensions (LxWxH mm)	(Power Source) 510 x 196 x 385	(Wire Feed Unit) 520 x 230 x 380
Weight (Kg)	35 (52 with trolley)	

*5 year warranty subject to product registration



Includes

MIG torch,
5mtr interconnecting cable,
gas regulator,
work return lead & clamp

MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA
TIG
PLASMA
MIG
ACCESSORIES

Order Code: JM-272S

Advanced **single phase inverter** providing rugged, reliable performance

Modern 4 Roll wire feed unit

Accommodates full size gas cylinder



Includes
MIG torch, trolley, 5m interconnecting cable, gas regulator, work return lead & clamp

Storage Box
air cooled model only

Replaced when fitted with optional water cooling unit **JWC-05**

Key Features

- High power 230V multi process separate
- IGBT MIG/MAG/MMA inverter
- Digital amp and voltmeter
- High duty cycle
- Advanced control circuitry
- Burn back control & wire inching
- Suitable for 0.6, 0.8, 1.0 and 1.2mm wire
- 2T/4T trigger function
- Power & status LED's
- Gas check function
- Variable inductance

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

*5 year warranty subject to product registration



Optional

Water Cooling Unit
Order Code: **JWC-05**



The power in inverter technology

Innovative welding technology

Order Code: JM-352S



Optional

Water Cooling Unit
Order Code:
JWC-05



Key Features

- IGBT MIG/MAG/MMA inverter
- Digital amp and voltmeter
- High duty cycle
- Advanced control circuitry
- Burn back control & wire inching
- Suitable for 0.8, 1.0 and 1.2mm wire
- 2T/4T trigger function
- Power & status LED's
- Gas check function
- Variable inductance

Technical Data

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

*5 year warranty subject to product registration

Modern 4 Roll wire feed unit

Accommodates full size gas cylinder

Advanced control circuitry and rugged, reliable performance

Storage Box
air cooled model only

Replaced when fitted with optional water cooling unit
JWC-05

Includes

MIG torch, trolley, 5m interconnecting cable, gas regulator, work return lead & clamp



The power in inverter technology

Innovative welding technology

MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA
TIG
PLASMA
MIG
ACCESSORIES

Order Code: JM-452S



Optional

Water Cooling Unit
Order Code:
JWC-05



Advanced control circuitry and rugged, reliable performance

Modern 4 Roll wire feed unit

Accommodates full size gas cylinder

Includes

MIG torch, trolley, 5m interconnecting cable, gas regulator, work return lead & clamp

Storage Box

air cooled model only

Replaced when fitted with optional water cooling unit JWC-05

Key Features

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

Technical Data

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

*5 year warranty subject to product registration

The power in inverter technology

Innovative welding technology

Order Code: JM-350P



Key Features

- IGBT multi process inverter designed for industrial use
- Synergic, MIG/MAG, pulse, double pulse and DC MMA processes
- DSP digital technology for optimum welding performance
- Easy parameter settings for the operator
- Suitable for 0.8, 1.0, 1.2 and 1.6mm wire
- Synergic curves for common materials and wire diameters
- Self-diagnostic, protection systems provide extreme reliability
- Encoder feedback control of wire feed system
- 4 roll digital wire feed system
- Integrated water cooling system

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

*5 year warranty subject to product registration



Accommodates full size gas cylinder



DSP digital technology for optimum welding performance

Includes

Power source, wire feed unit, 5m interconnecting cable, trolley, water cooler, MIG torch, gas regulator, work return lead & clamp

MMA
TIG
PLASMA
MIG
ACCESSORIES

MMA
TIG
PLASMA
MIG
ACCESSORIES

Order Code	Description
JIT-01	Trolley For Models: JT-180 / JPT-180 / JT-180DV / JT-200 / JT-200P-PFC / JT-200DS / JM-160C / JM-200C / JM-200CS / JM-200PFC
JTT-01	Trolley For Models: JT-200A / JT-200D / JT-315D
JMT-250S	Trolley For Model: JM-250S
JTT-MWD	Trolley For Models: JT-315MWD / JT-300P
JH-HDX	Jasic Auto Darkening HD Welding/Grinding Helmet featuring ADF cartridge with True Colour Technology
JFC-01	Foot Control Unit For Models: JT-200A / JT-200D / JT-315D
JFC-05	Foot Control Unit For Model: JT-200DS / JT-200P-PFC
JFC-06	Foot Control Unit For Model: JT-500D
JFC-07	Foot Control Unit For Model: JT-400P
JFC-08	Foot Control Unit For Models: JT-315MWD / JT-300P
JRC-25	Remote For Model: JA-402 / JA-402C
JSG-02	Spool Gun For Models: JM-252C / JM-352C
JWC-01	Water Cooler For Models: JT-200D / JT-315D
JWC-05	Water Cooler For Models: JM-272S / JM-352S / JM-452S
JWC-MWD	Water Cooler For Models: JT-315MWD / JT-300P
JSB-01	Site Bag For Models: JA-140 / JA-160PFC / JA-180PFC / JA-200PFC / JT-180 / JT-180DV / JPT-180 / JT-200 / JT-200P-PFC
JSS-01	Shoulder Strap For Models: JA-140 / JA-160PFC / JA-180PFC / JA-200PFC / JT-180 / JT-180DV / JT-180DV / JT-200 / JT-200P-PFC / JP-45PWV / JM-160C / JM-200C / JM-200CS / JM-200PFC
WCS 25-3	MMA Leads For Models: JA-140
WCS 25-3WEL	MMA Leads For Models: JA-160PFC / JA-180PFC / JA-200PFC / JT-180 / JT-180DV / JT-200 / JM-160C / JM-200C / JM-200CS / JM-200PFC / JM-252C / JM-352C / JM-250S



JIT-01

JTT-01

JMT-250S

JH-HDX

JFC-01 JFC-06
JFC-05 JFC-07
JFC-08

JRC-25

JSG-02

JWC-01 2 Pin Plug
JWC-05 5 Pin Plug

JSB-01

JSS-01

JAS3HP-100P

JAS3HPXX-200S-3
Supplied with Filter
Regulator



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