



The power in inverter technology

2018



...ING BAY 3  
JASIC  
power in inverter technology

5 Year  
Warranty  
ON ALL MODELS



The power in inverter technology





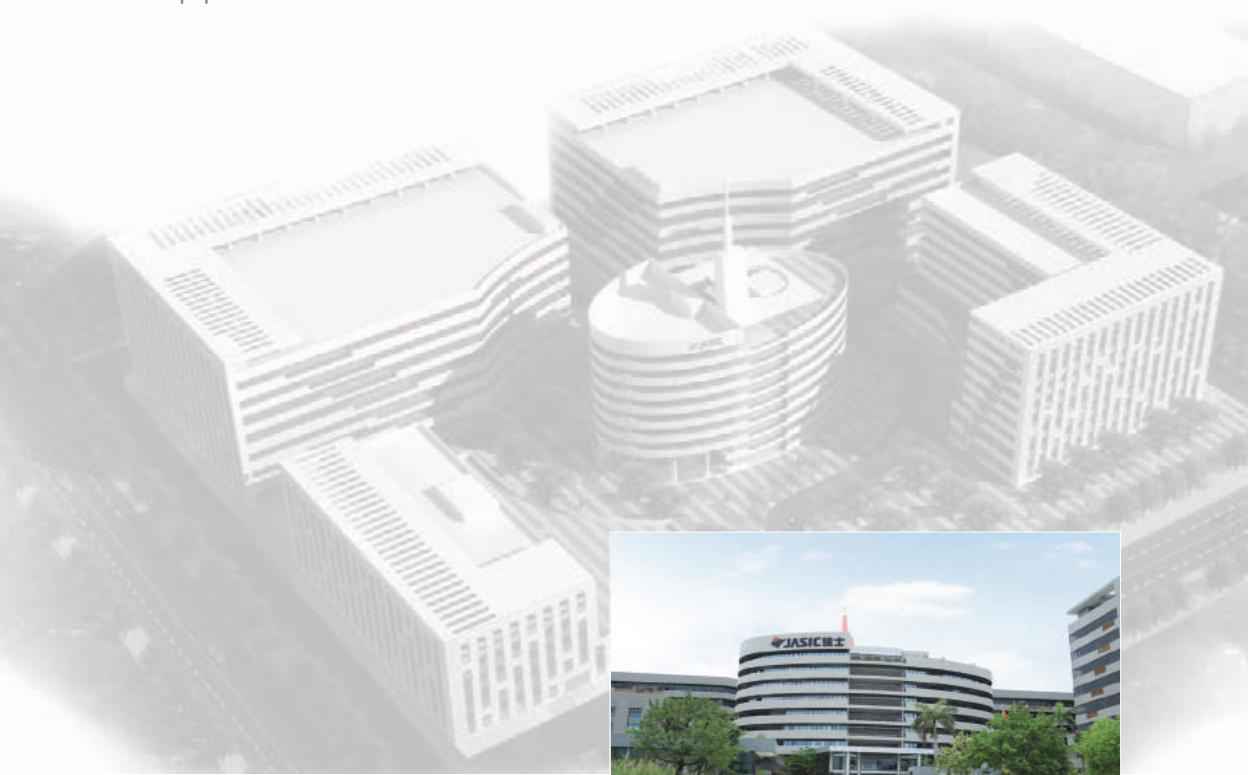
\*5 year warranty subject to product registration

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

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

Production capability of 1 million machines per annum



*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*

 @jasicuk

  
The power in inverter technology



 **WILKINSON STAR**  
wilkinsonstar.com

# 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



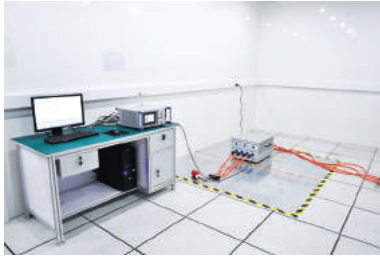
Vibration Testing



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 30,000m<sup>2</sup> 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 80,000m<sup>2</sup> 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, 2000m<sup>2</sup> SMT & AI workshop (temperature, humidity and dust control, relative clean workshop), 10,000m<sup>2</sup> 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



YEAR  
WARRANTY

**Q&A**

**Q: How do I register?**

A: It's so simple . . . visit our website [www.jasic.co.uk](http://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: 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.





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: 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).

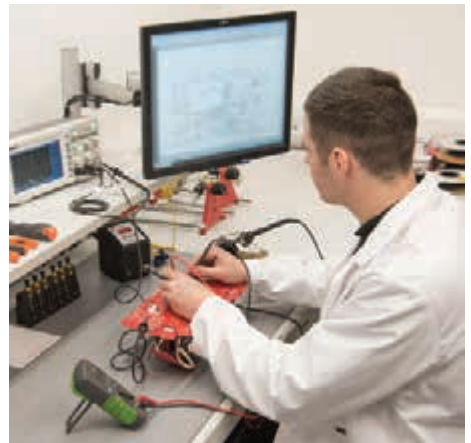
**Q: So purchasing this product sounds like it will give me total peace of mind in that it's been through rigorous quality testing in manufacture. You've sold thousands of units and in the event of a problem you can fix it swiftly and efficiently. Sounds like a good investment.**

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.

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

**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.



\*5 year warranty subject to product registration



# Serving Industry



Manufacturing



Power Generation



Rail



Shipbuilding



Engineering / Maintenance



Steelwork



Agricultural



Construction



Aviation



Offshore



Chemical Engineering



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



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](http://jasic.co.uk)

\*5 year warranty subject to product registration



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MMA

TIG

PLASMA

MIG

ACCESSORIES



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\*5 year warranty subject to product registration

MMA

TIG

PLASMA

MIG

ACCESSORIES

MMA

TIG

PLASMA

MIG

ACCESSORIES







**PRO**  
SERIES

MMA

MMA

TIG

PLASMA

MIG

ACCESSORIES



Durable, compact inverter with distinctive design

Supplied in full colour packaging



- High quality tactile rubber finish to mouldings & handle

Order Code: JA-140

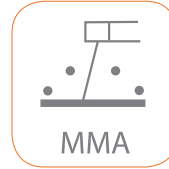
## Key Features

- 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 35-50mm dinse sockets
- Easy arc starting, minimal spatter
- Stable and reliable arc
- Auto-compensation for voltage fluctuation
- Advanced single PCB construction
- Generator friendly\*\*
- Can weld electrodes of up to 3.2mm

## Technical Data

Input Voltage	AC 230V - 50/60 Hz
I <sub>eff</sub> (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

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



## Optional

MMA Leads

Order Code:  
WCS25-3



Site Bag

Order Code:  
JSB-01



Shoulder Strap

Order Code:  
JSS-01



MMA

TIG

PLASMA

MIG

ACCESSORIES

Innovative welding technology

Order Code:  
JA-160DV

## 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
- Generator friendly\*\*
- Can weld electrodes of up to 4mm

## Technical Data

Input Voltage	AC 110V - 50/60 Hz AC	230V - 50/60 Hz
I <sub>eff</sub> (A)	17.5	17.6
Input Power (kVA)	4.5	7.1
Current Range (A)	10 - 120	10 - 160
Duty Cycle @ 40°C	120A @ 25%	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

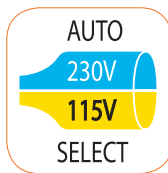
\*5 year warranty subject to product registration \*\*Generators should have regulated output



Supplied in  
full colour  
packaging

The power in inverter technology

# JASIC



Highly flexible  
dual voltage inverter  
for site work applications

Optional

MMA Leads

Order Code:  
WCS25-3



Site Bag

Order Code:  
JSB-01



Shoulder Strap

Order Code:  
JSS-01



MMA

TIG

PLASMA

MIG

ACCESSORIES

Innovative welding technology

- High quality tactile rubber finish to mouldings & handle





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

Order Code: JPA-160PFC

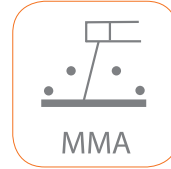
## Key Features

- 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
- Generator friendly\*\*
- Can weld electrodes of up to 4mm

## Technical Data

Input Voltage	95-265V - 50/60 Hz	
	AC 110V - 50/60 Hz	AC 230V - 50/60 Hz
I <sub>eff</sub> (A)	18.3	12.2
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



Supplied in  
full colour  
packaging

Innovative welding technology

Order Code:  
JA-180DV



## 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
- Generator friendly\*\*
- Can weld electrodes of up to 4mm

## Technical Data

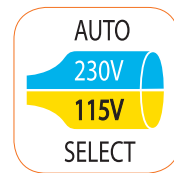
Input Voltage	AC 110V - 50/60 Hz	AC 230V - 50/60 Hz
I <sub>eff</sub> (A)	19.7	17.8
Input Power (kVA)	5.2	8.2
Current Range (A)	10 - 140	10 - 180
Duty Cycle @ 40°C	140A @ 20%	180A @ 30%
No-Load Voltage (V)		63
Efficiency (%)		85
Power Factor		0.7
Protection/Insulation Class		IP21/F
Dimensions (LxWxH mm)		350 x 130 x 250
Weight (Kg)		4.7

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

Supplied in  
full colour  
packaging

The power in inverter technology

# JASIC



### 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

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

MMA

TIG

PLASMA

MIG

ACCESSORIES



Order Code: JPA-180

## 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
- Generator friendly\*\*
- Can weld electrodes of up to 4mm

## Technical Data

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



Supplied in  
full colour  
packaging

MMA

TIG

PLASMA

MIG

ACCESSORIES

Order Code:  
JA-200



Supplied in  
full colour  
packaging

## 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
- Generator friendly\*\*
- Can weld electrodes of up to 4mm

## Technical Data

Input Voltage	AC 230V - 50/60 Hz
I <sub>eff</sub> (A)	22.4
Input Power (kVA)	9.4
Current Range (A)	10 - 200
Duty Cycle @ 40°C	200A @ 30%
No-Load Voltage (V)	63
Efficiency (%)	85
Power Factor	0.7
Protection/Insulation Class	IP21/F
Dimensions (LxWxH mm)	350 x 130 x 250
Weight (Kg)	5.2

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



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

Innovative welding technology

**JASIC**

MMA

TIG

PLASMA

MIG

ACCESSORIES



High duty output  
for the most demanding  
MMA welding applications

Order Code: JA-402

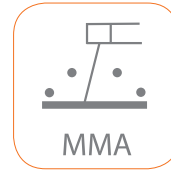
### Key Features

- IGBT Inverter technology - for the professional user
- Digital ammeter
- In built 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
- Generator friendly\*\*

### Technical Data

Input Voltage	AC 400V - 50/60 Hz
I <sub>eff</sub> (A)	19.6
Input Power (kVA)	18.2
Current Range (A)	30 - 400
Duty Cycle @ 40°C	400A @ 60%
No-Load Voltage (V)	72
Power Factor	0.7
Protection/Insulation Class	IP21S/F
Dimensions (LxWxH mm)	520 x 260 x 440
Weight (Kg)	19

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



MMA

TIG

PLASMA

MIG

ACCESSORIES

MMA

TIG

PLASMA

MIG

ACCESSORIES







**PRO**  
SERIES

DC  
TIG

MMA

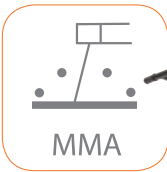
TIG

PLASMA

MIG

ACCESSORIES

## Order Code: JT-180



### Optional

Trolley

Order Code:  
**JIT-01**



MMA Leads

Order Code:  
**WCS25-3**



Site Bag

Order Code:  
**JSB-01**



Shoulder Strap

Order Code:  
**JSS-01**



### 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 <sub>eff</sub> (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	IP21S/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



Supplied in  
full colour  
packaging

The power in inverter technology



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

- High quality tactile rubber finish to mouldings & handle

MMA

TIG

PLASMA

MIG

ACCESSORIES



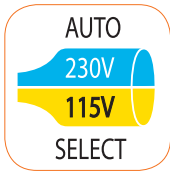
MMA

TIG

PLASMA

MIG

ACCESSORIES



**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

Order Code: JT-180DV

## 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\*\*

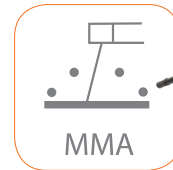


## Technical Data

Input Voltage	AC 110V - 50/60 Hz	AC 230V - 50/60 Hz
I <sub>eff</sub> (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		IP21S/F
Dimensions (LxWxH mm)		365 x 135 x 277
Weight (Kg)		5.94

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full colour  
packaging



## Optional

Trolley

Order Code:  
JIT-01



MMA Leads

Order Code:  
WCS25-3



Site Bag

Order Code:  
JSB-01



Shoulder Strap

Order Code:  
JSS-01



MMA

TIG

PLASMA

MIG

ACCESSORIES

Innovative welding technology

Order Code:  
JPT-180



### Optional

Trolley

Order Code:  
JIT-01

Site Bag

Order Code:  
JSB-01

Shoulder Strap

Order Code:  
JSS-01



### 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 <sub>eff</sub> (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	IP21S/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

The power in inverter technology



- High quality tactile rubber finish to mouldings & handle



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



Supplied in  
full colour  
packaging

Innovative welding technology

MMA

TIG

PLASMA

MIG

ACCESSORIES





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

- High quality tactile rubber finish to mouldings & handle

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

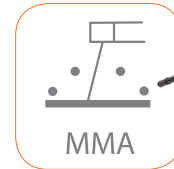
Input Voltage	AC 230V - 50/60 Hz	
Ieff (A)	18.9	
Input Power (kVA)	8.2	
Current Range (A)	TIG 10 - 200	MMA 10 - 180
Duty Cycle @ 40°C	200A @ 35%	
No-Load Voltage (V)	65	
Efficiency (%)	85	
Power Factor	0.7	
Protection/Insulation Class	IP21S/F	
Dimensions (LxWxH mm)	365 x 135 x 277	
Weight (Kg)	6.12	

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



Supplied in full colour packaging

Innovative welding technology



## Optional

Trolley

Order Code:  
**JIT-01**

MMA Leads

Order Code:  
**WCS25-3**

Site Bag

Order Code:  
**JSB-01**

Shoulder Strap

Order Code:  
**JSS-01**



MMA

TIG

PLASMA

MIG

ACCESSORIES

## Order Code: JT-200P-PFC



### Optional

Trolley

Order Code:  
**JIT-01**

Site Bag

Order Code:  
**JSB-01**

Shoulder Strap

Order Code:  
**JSS-01**



### Key Features

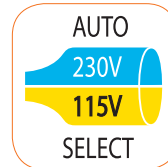
- IGBT Inverter technology - for the professional user
- DC Pulse TIG/MMA
- PFC energy saving technology
- Digital control, HF arc ignition, 2T/4T
- High frequency inverter, high efficiency
- Compact size, lightweight and modern design
- Heavy duty 35-50mm dinse sockets
- Easy start, stable and reliable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

### Technical Data

Input Voltage	AC95-270V-50/60Hz	
	110V	230V
I <sub>eff</sub> (A)	27.7	14.2
Input Power (kVA)	4	6
Current Range (A)	TIG 10 - 160	TIG 10 - 200
	MMA 10 - 125	MMA 10 - 180
Duty Cycle @ 40°C	TIG 160A @ 60%	TIG 200A @ 30%
	MMA 125A @ 60%	MMA 180A @ 25%
No-Load Voltage (V)	65	
Efficiency (%)	85	
Power Factor	0.99	
Pulse Frequency (Hz)	0.5 - 200	
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

The power in inverter technology



**Includes**

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

- High quality tactile rubber finish to mouldings & handle

MMA

TIG

PLASMA

MIG

ACCESSORIES

Innovative welding technology

### Includes

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

Air cooled version  
also available

- High quality tactile rubber finish to mouldings & handle



Order Code: JT-400P

## Key Features

- Industrial grade IGBT Inverter technology
- DC Pulse TIG/MMA with VRD function
- 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	
I <sub>eff</sub> (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	
Power Factor	0.96	
Pulse Frequency (Hz)	0.5 - 200	
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:  
JFC-07



MMA

TIG

PLASMA

MIG

ACCESSORIES





MMA

TIG

PLASMA

MIG

ACCESSORIES

 JASIC



**PRO**  
SERIES

AC/DC  
TIG

MMA

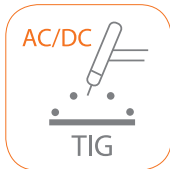
TIG

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	
$I_{eff}$ (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)	56	
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**



The power in inverter technology



**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

Innovative welding technology



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

Ultimate operator  
control and  
unrivalled weld  
performance

# PRO SERIES TIG 200P AC/DC 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
- 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	
Ieff (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**



MMA

TIG

PLASMA

MIG

ACCESSORIES

Innovative welding technology



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 <sub>eff</sub> (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 (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

MMA

TIG

PLASMA

MIG

ACCESSORIES

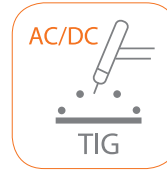


**Includes**  
TIG torch & adaptor,  
gas regulator,  
work return lead  
& clamp

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 <sub>eff</sub> (A)	13	
Input Power (kVA)	13.1	
Current Range (A)	AC 30 - 320	DC 10 - 320
Duty Cycle @ 40°C	315A @ 20%	
No-Load Voltage (V)	50	
Protection/Insulation Class	IP21S/B	
Dimensions (LxWxH mm)	540 x 365x 470	
Weight (Kg)	33	

\*5 year warranty subject to product registration

### Optional

Trolley

Order Code:  
JTT-01



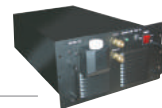
Foot Control Unit

Order Code:  
JFC-01



Water Cooling Unit

Order Code:  
JWC-01



Innovative welding technology

**JASIC**



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

MMA

TIG

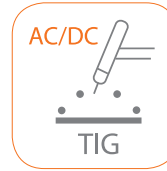
PLASMA

MIG

ACCESSORIES

### 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)	68	
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

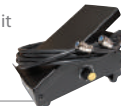
Modular design  
with trolley and  
water cooler  
included

### Optional

Foot Control Unit

Order Code:

JFC-06



MMA

TIG

PLASMA

MIG

ACCESSORIES





MMA

TIG

PLASMA

MIG

ACCESSORIES



**PRO**  
SERIES

# PLASMA CUTTING

MMA

TIG

PLASMA

MIG

ACCESSORIES



MMA

TIG

PLASMA

MIG

ACCESSORIES



Includes  
PT60 6mtr PLASMA torch  
work return lead & clamp

### Key Features

- IGBT Plasma Inverter
- 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 230V - 50/60 Hz
I <sub>eff</sub> (A)	20
Input Power (kVA)	7.8
Efficiency (%)	85
Current Range (A)	20 - 45
Duty Cycle @ 40°C	45A @ 35%
Cutting Capacity (Clean Cut)	15 mm
Cutting Capacity (Severance Cut)	20 mm
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

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
- Generator friendly\*\*
- Includes PT100 plasma hand torch

### Technical Data

Input Voltage	AC 400V - 50/60 Hz
I <sub>eff</sub> (A)	9.5
Input Power (kVA)	10.8
Efficiency (%)	85
Current Range (A)	20 - 60
Duty Cycle @ 40°C	60A @ 40%
Cutting Capacity (Clean Cut)	20 mm
Cutting Capacity (Severance Cut)	25 mm
Power Factor	0.7
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**

6 mtr PLASMA hand torch with Euro connection, work return lead & clamp  
Integrated air regulator

MMA

TIG

PLASMA

MIG

ACCESSORIES

Innovative welding technology



Suitable for:

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

**Includes**

6 mtr 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
- Generator friendly\*\*
- Includes PT100 plasma hand torch

### Technical Data

Input Voltage	AC 400V - 50/60 Hz
I <sub>eff</sub> (A)	14
Input Power (kVA)	15.8
Efficiency (%)	85
Current Range (A)	20 - 80
Duty Cycle @ 40°C	80A @ 40%
Cutting Capacity (Clean Cut)	25 mm
Cutting Capacity (Severance Cut)	30 mm
Power Factor	0.7
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

Order Code:  
**JP-100**



Ask about our  
compressed  
air packages

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

## 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 hand plasma torch 6mtr
- Generator friendly\*\*

## Technical Data

Input Voltage	AC 400V - 50/60 Hz
I <sub>eff</sub> (A)	17
Input Power (kVA)	15.8
Efficiency (%)	90
Current Range (A)	20 - 100
Duty Cycle @ 40°C	100A @ 60%
Cutting Capacity (Clean Cut)	30 mm
Cutting Capacity (Severance Cut)	35 mm
Power Factor	0.93
Protection/Insulation Class	IP21/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  
6 mtr PLASMA hand torch  
work return lead & clamp  
Integrated air regulator

MMA

TIG

PLASMA

MIG

ACCESSORIES

Innovative welding technology



MMA

TIG

PLASMA

MIG

ACCESSORIES



**Includes**  
6 mtr 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
- In-built pressure regulator
- Smooth precise cutting
- Suitable for automated cutting (optional)
- Includes P150LT hand plasma torch 6mtr
- Generator friendly\*\*

### Technical Data

Input Voltage	AC 400V - 50/60 Hz
I <sub>eff</sub> (A)	40.9
Input Power (kVA)	41
Recommended Input Fuse (A)	50
Efficiency (%)	85
Current Range (A)	30 - 160
Duty Cycle @ 40°C	160A @ 60%
Cutting Capacity (Clean Cut)	45 mm
Cutting Capacity (Severance Cut)	50 mm
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



MMA

TIG

PLASMA

MIG

ACCESSORIES



**PRO**  
SERIES

MIG

MMA

TIG

PLASMA

MIG

ACCESSORIES



Order Code:  
**JM-160C**



### Optional

MMA Leads

Order Code:

**WCS25-3WEL**

Shoulder Strap

Order Code:

**JSS-01**

Trolley

Order Code:

**JIT-01**



### 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 <sub>eff</sub> (A)	15.2
Input Power (kVA)	5.9
Voltage Adjustment Range (V)	11 - 26
Current Range (A)	30 - 160
No-Load Voltage (V)	53
Duty Cycle @ 40°C	160A @ 35%
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



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

Supplied in full colour packaging



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

Innovative welding technology

MMA

TIG

PLASMA

MIG

ACCESSORIES



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

Order Code: JM-200C

## 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 <sub>eff</sub> (A)	21
Input Power (kVA)	8
Voltage Adjustment Range (V)	11 - 28
Current Range (A)	30 - 200
No-Load Voltage (V)	53
Duty Cycle @ 40°C	200A @ 35%
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

### Optional

MMA Leads

Order Code:  
**WCS25-3WEL**



Shoulder Strap

Order Code:  
**JSS-01**



Trolley

Order Code:  
**JIT-01**



Supplied in  
full colour  
packaging

Innovative welding technology

Order Code:  
**JM-200CS**



**5** Year  
Warranty\*

### 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 <sub>eff</sub> (A)	21
Input Power (kVA)	9.4
Voltage Range (V)	11 - 28
Current Range (A)	10 - 200
No-Load Voltage (V)	53
Duty Cycle @ 40°C	200A @ 35%
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



MMA

TIG

PLASMA

MIG

ACCESSORIES



Experience high quality weld performance and versatility

Supplied in full colour packaging



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

Innovative welding technology



MMA

TIG

PLASMA

MIG

ACCESSORIES



Experience high quality weld performance and versatility

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



Order Code: JM-200PFC

## Key Features

- IGBT MIG/MMA Multi Process  
Inverter technology - for the professional user
- Wide input voltage range including 110/230V
- 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	AC 110V - 50/60 Hz	AC 230V - 50/60 Hz
I <sub>eff</sub> (A)	20.1	14.8
Input Power (kVA)	4.2	5.8
Voltage Range (V)	11 - 28	
Current Range (A)	MIG 30-140	30 - 200
	MMA 10-140	10-180
No-Load Voltage (V)	53	
Duty Cycle @ 40°C	200A @ 35%	
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



## Optional

MMA Leads

Order Code:  
**WCS25-3WEL**



Shoulder Strap

Order Code:  
**JSS-01**



Trolley

Order Code:  
**JIT-01**



Accommodates  
full size  
gas cylinder

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



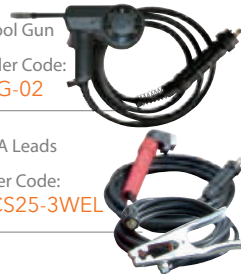
### Optional

Spool Gun

Order Code:  
JSG-02

MMA Leads

Order Code:  
WCS25-3WEL



Consistently reliable performance  
for highly demanding and repetitive weld cycles

Order Code: JM-252C

## 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
I <sub>eff</sub> (A)	28.4
Input Power (kVA)	11
Current Range (A)	30 - 250
Mig Voltage Range (V)	11 - 29
No-Load Voltage (V)	52
Duty Cycle @ 40°C	250A @ 35%
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



Order Code:  
**JM-352C**



## 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
I <sub>eff</sub> (A)	13.7
Input Power (kVA)	15
Current Range (A)	50 - 350
Mig Voltage Range (V)	15 - 38
No-Load Voltage (V)	62
Duty Cycle @ 40°C	350A @ 40%
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



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

Innovative welding technology

MMA

TIG

PLASMA

MIG

ACCESSORIES



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

**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 <sub>eff</sub> (A)	9.1
Input Power (kVA)	8.4
Current Range (A)	MIG - 50 - 250    MMA - 20 - 220
MIG Voltage Range (V)	14-32
No-Load Voltage (V)	52
Duty Cycle @ 40°C	250A @ 60%
Wire Spool Size	∅ 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: Power Source & Feeder (Kg)	35 (52 with trolley)

\*5 year warranty subject to product registration





Order Code:  
**JM-272S**



## 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	230V AC 50/60 Hz
I <sub>eff</sub> (A)	28.9
Input Power (kVA)	12.1
Current Range (A)	30 - 270
Mig Voltage Range (V)	11 - 29
No-Load Voltage (V)	54
Wire Speed (m/min)	0-16 m/min
Duty Cycle	270A @ 30%
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**





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

Modern 4 Roll  
wire feed unit

Accommodates  
full size  
gas cylinder



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

**Storage Box**  
air cooled model only

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

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TIG

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MIG

ACCESSORIES



Modern 4 Roll wire feed unit

Advanced control circuitry and rugged, reliable performance

Accommodates full size gas cylinder

Storage Box  
air cooled model only

Replaced when fitted with optional water cooling unit JWC-05

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



Order Code: JM-352S

## 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 <sub>eff</sub> (A)	13.2
Input Power (kVA)	15
Current Range (A)	50 - 350
MIG Voltage Range (V)	15 - 36
No-Load Voltage (V)	65
Wire Speed (m/min)	1 - 16
Duty Cycle @ 40°C	350A @ 40%
Wire Spool Size	ø 300mm
MMA Range (A)	20-350
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



## Optional

Water Cooling Unit

Order Code:  
JWC-05



MMA

TIG

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ACCESSORIES

Order Code:  
**JM-452S**



### 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, 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 <sub>eff</sub> (A)	27
Input Power (kVA)	18.7
Current Range (A)	60 - 450
MIG Voltage Range (V)	15 - 40
No-Load Voltage (V)	62
Wire Speed (m/min)	1 - 18
Duty Cycle @ 40°C	400A @ 100%
Wire Spool Size	∅ 300mm
MMA Range (A)	30 - 400
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



Advanced control  
circuitry and  
rugged, reliable  
performance

Modern 4 Roll  
wire feed unit

MMA

TIG

PLASMA

MIG

ACCESSORIES

Accommodates  
full size  
gas cylinder



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

Storage Box  
air cooled model only

Replaced when fitted  
with optional  
water cooling unit  
JWC-05

Innovative welding technology



Accommodates  
full size  
gas cylinder



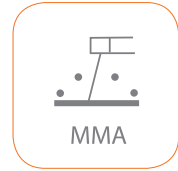
#### Includes

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



## 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 <sub>eff</sub> (A)	21.7
Input Power (kVA)	20.1
Current Range (A)	10 - 350
MIG Voltage Range (V)	17 - 31.5
No-Load Voltage (V)	77
Wire Speed (m/min)	1 - 18
Duty Cycle @ 40°C	350A @ 60%
Wire Spool Size	ø300mm
MMA Range (A)	10 - 350
Power Factor	0.85
Protection/Insulation Class	IP21S/F
Dimensions (LxWxH mm)	1020 x 505 x 1390
Weight: Power Source & Feeder (Kg)	117

\*5 year warranty subject to product registration





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
JTT-01	Trolley For Models: JT-200A / JT-200D / JT-315D
JMT-250S	Trolley For Model: JM-250S
JH-HD	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
JFC-06	Foot Control Unit For Model: JT-500D
JFC-07	Foot Control Unit For Model: JT-400P
JRC-WL	Wireless Remote For Model: JA-401
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
JSB-01	Site Bag For Models: JA-140 / JA-160DV / JA-180DV / JA-200 JT-180 / JT-180DV / JT-200 / JT-200P-PFC
JSS-01	Shoulder Strap For Models: JA-140 / JA-160DV / JA-180DV / JA-200 JT-180 / JT-180DV / JT-200 / JT-200P-PFC JM-160C / JM-200C / JM-200CS / JP-45P



MMA

TIG

PLASMA

MIG

ACCESSORIES



JIT-01



JTT-01



JMT-250S



JH-HD



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



JRC-WL



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

MMA

TIG

PLASMA

MIG

ACCESSORIES



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