



## INTELLIGENT WELDER

MIG TIG MMA CUT  
SERIES WELDING MACHINE



FOSHAN JUNBOM ELECTROMECHANICAL EQUIPMENT CO., LTD.



# MIG SERIES

## GAS / FLUX

- ▶ IGBT invert technology.
- ▶ Big digital LCD display.
- ▶ Compact design, light weighted, easy to take on the go.
- ▶ Multiple process capabilities (MIG/MMA/LIFT TIG).
- ▶ Integrated wire feeder, able to carry different sizes of welding wires.



### Technical Parameters



| Mode                       |      | MIG-200     | MIG-205     | MIG-250     | MIG-315S    |
|----------------------------|------|-------------|-------------|-------------|-------------|
| Rated Input Voltage (V)    |      | AC220V±15%  | AC220V±15%  | AC220V±15%  | AC150V-480V |
| Frequency (Hz)             |      | 50/60       | 50/60       | 50/60       | 50/60       |
| Rated Input Capacity (kVA) |      | 5.2         | 5.2         | 6.4         | 9.6         |
| Welding Current (A)        | MIG  | 160         | 160         | 200         | 280         |
|                            | MMA  | 160         | 160         | 180         | 240         |
| Wire φ(mm)                 | FLUX | 0.8-1.0     | 0.8-1.0     | 0.8-1.0     | 0.8-1.0     |
|                            | GAS  | /           | 0.8         | 0.8-1.0     | 0.8-1.0     |
| Wire Type                  |      | 1kg/5kg     | 1kg/5kg     | 5kg/15kg    | 5kg/15kg    |
| Non-load Voltage (V)       |      | 72          | 72          | 72          | 72          |
| Rated Duty Cycle (%)       |      | 60%         | 60%         | 60%         | 60%         |
| N.W (kg)                   |      | 7.2         | 7.7         | 11.5        | 14.3        |
| Machine Dimensions (mm)    |      | 415*185*340 | 415*185*340 | 480*215*405 | 480*215*405 |



# CO<sub>2</sub> GMAW SERIES INDUSTRIAL

- ▶ Big digital LCD display.
- ▶ IGBT invert technology.
- ▶ External wire feeder for model MIG-500P, multiple capabilities such as pulse MIG, synergic MIT and common MIG, suitable for different requirements.



- ▶ Quality components applied, suitable for heavy work users.
- ▶ Multiple process capabilities (MIG/MMA/LIFT TIG).
- ▶ Integrated wire feeder in model MIG-315 and MIG-350Y.



## Technical Parameters



| Mode                       |     | MIG-315     | MIG-350Y    | MIG-500     | MIG-500P    |
|----------------------------|-----|-------------|-------------|-------------|-------------|
| Wire Feeder                |     | Built-in    | Built-in    | External    | External    |
| Rated Input Voltage (V)    |     | AC380V±15%  | AC380V±15%  | AC380V±15%  | AC380V±15%  |
| Frequency (Hz)             |     | 50/60       | 50/60       | 50/60       | 50/60       |
| Rated Input Capacity (kVA) |     | 11.2        | 14.8        | 30.6        | 30.6        |
| Welding Current (A)        | MIG | 315         | 350         | 500         | 500         |
|                            | MMA | 280         | 350         | 470         | 470         |
| Wire φ(mm)                 |     | 0.8-1.0     | 0.8-1.2     | 0.8-1.6     | 0.8-1.6     |
| Non-load Voltage (V)       |     | 63          | 63          | 73          | 73          |
| Rated Duty Cycle (%)       |     | 60%         | 60%         | 60%         | 60%         |
| N.W (kg)                   |     | 19          | 19.5        | 32          | 36          |
| Machine Dimensions (mm)    |     | 485*250*380 | 485*250*380 | 580*280*550 | 650*326*620 |





# CUTTER SERIES PLASMA

- ▶ IGBT invert technology.
- ▶ Multiple process capabilities (CUT/MMA).
- ▶ Non-contact HF arc starter, more efficient.
- ▶ CUT-60S adopted 220/380V dual voltage, suitable for more welding scenes.
- ▶ Adopted 32-bit digital chip, more powerful.
- ▶ Work with both built-in & external compressor, convenient to use.
- ▶ “Nozzle Shorts” protection, open phase protection, longer service life.



## Technical Parameters

 BUILT-IN / EXTERNAL

 IGBT INVERTER


| Mode                             |     | CUT-60S              | CUT-80      | CUT-100     | CUT-120     |
|----------------------------------|-----|----------------------|-------------|-------------|-------------|
| Rated Input Voltage (V)          |     | 220V/380V±10%        | AC380V±10%  | AC380V±10%  | AC380V±10%  |
| Frequency (Hz)                   |     | 50/60                | 50/60       | 50/60       | 50/60       |
| Rated Input Capacity (kVA)       |     | 7.3/9.7              | 11.2        | 16.6        | 21.5        |
| Welding Current (A)              | CUT | 60                   | 80          | 100         | 120         |
|                                  | MMA | 180                  | 210         | 250         | 300         |
| Built-in Air Compressor Cut (mm) |     | 220V ≤15<br>380V ≤20 | ≤30         | ≤40         | ≤50         |
| External Air Compressor Cut (mm) |     | 220V ≤20<br>380V ≤25 | ≤35         | ≤45         | ≤55         |
| Non-load Voltage (V)             |     | 325                  | 290         | 290         | 290         |
| Rated Duty Cycle (%)             |     | 60%                  | 60%         | 60%         | 60%         |
| N.W (kg)                         |     | 22.3                 | 37.8        | 42.5        | 55.5        |
| Machine Dimensions (mm)          |     | 500*230*415          | 550*255*480 | 580*280*550 | 645*326*550 |





# MMA SERIES INTELLIGENT

- ▶ IGBT invert technology.
- ▶ Ideal for 422, 427, 506 and 507 welding rod.
- ▶ Multiple process capabilities (MMA/LIFT TIG).
- ▶ Quick selection for rod diameter, easy to adjust.
- ▶ Big digital LCD display.
- ▶ Compact design, easy to take on the go.
- ▶ It comes with VRD, hot start, arc force and other features.
- ▶ MMA-315S could be powered by wide voltage range including generator.



## Technical Parameters



| Mode                       | MMA-200                 | MMA-250                 | MMA-300                 | MMA-315S                |
|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Rated Input Voltage (V)    | AC220V±15%              | AC220V±15%              | AC220V±15%              | AC140-560V              |
| Frequency (Hz)             | 50/60                   | 50/60                   | 50/60                   | 50/60                   |
| Rated Input Capacity (kVA) | 5.3                     | 7                       | 8.9                     | 7.5/8.9                 |
| Welding Current (A)        | 160                     | 200                     | 250                     | 210/250                 |
| Stick $\phi$ (mm)          | $\phi 2.0$ - $\phi 3.2$ | $\phi 2.0$ - $\phi 3.2$ | $\phi 2.0$ - $\phi 5.0$ | $\phi 2.0$ - $\phi 5.0$ |
| Non-load Voltage (V)       | 62                      | 62                      | 76                      | 76/66                   |
| Rated Duty Cycle (%)       | 60%                     | 60%                     | 60%                     | 60%                     |
| N.W (kg)                   | 3.8                     | 4.45                    | 5.8                     | 8.5                     |
| Machine Dimensions (mm)    | 305*130*250             | 305*130*250             | 415*185*340             | 415*185*340             |



# MMA SERIES INDUSTRIAL

- ▶ IGBT invert technology.
- ▶ Big digital LCD display.
- ▶ Ideal for 422, 427, 506 and 507 welding rod.
- ▶ MMA-400 and MMA-500 adopted double IGBT module, suitable for heavy work users.
- ▶ Multiple process capabilities (MMA/LIFT TIG).
- ▶ Quick selection for rod diameter, easy to adjust.
- ▶ It comes with VRD, hot start, arc force and other features.



## Technical Parameters



| Mode                       | MMA-315                 | MMA-400                 | MMA-500                 |
|----------------------------|-------------------------|-------------------------|-------------------------|
| Rated Input Voltage (V)    | AC380V±15%              | AC380V±15%              | AC380V±15%              |
| Frequency (Hz)             | 50/60                   | 50/60                   | 50/60                   |
| Rated Input Capacity (kVA) | 10.9                    | 14.3                    | 16.7                    |
| Welding Current (A)        | 250                     | 340                     | 400                     |
| Stick $\phi$ (mm)          | $\phi 2.5$ - $\phi 5.0$ | $\phi 2.5$ - $\phi 5.0$ | $\phi 2.5$ - $\phi 5.0$ |
| Non-load Voltage (V)       | 74                      | 74                      | 74                      |
| Rated Duty Cycle (%)       | 60%                     | 60%                     | 60%                     |
| N.W (kg)                   | 9.1                     | 10.7                    | 15                      |
| Machine Dimensions (mm)    | 415*185*340             | 425*225*405             | 480*220*410             |



# TIG SERIES

## INVERT DC

- ▶ Adopted 32-bit digital chip, more powerful.
- ▶ TIG-200, TIG-250 and TIG-315 come with MMA, TIG and ESD TIG features.
- ▶ TIG-400 adopted double IGBT module, suitable for heavy work users.
- ▶ TIG-315 adopted 220V & 380V dual power input, broader working scenario.
- ▶ Whole series adopted HF arc starter, more efficient.
- ▶ Welding rod 422, 427, 506 and 507 can be used in MMA mode.
- ▶ TIG-400 comes with MMA, TIG and PULSE TIG features.



### Technical Parameters



| Mode                       | TIG-200     | TIG-250     | TIG-315     | TIG-400P    |
|----------------------------|-------------|-------------|-------------|-------------|
| Rated Input Voltage (V)    | AC220V±15%  | AC220V±15%  | AC150V-500V | AC380V±15%  |
| Frequency (Hz)             | 50/60       | 50/60       | 50/60       | 50/60       |
| Rated Input Capacity (kVA) | 4.8         | 5.8         | 8.8/7.4     | 13.1        |
| Welding Current (A)        | 140/160     | 170/210     | 220/280     | 320/400     |
| Non-load Voltage (V)       | 55          | 55          | 68/75       | 68          |
| Rated Duty Cycle (%)       | 60%         | 60%         | 60%         | 60%         |
| N.W (kg)                   | 6.2         | 6.5         | 9.38        | 19.9        |
| Machine Dimensions (mm)    | 345*150*280 | 345*150*280 | 485*185*340 | 500*255*480 |





# TIG SERIES

## AC/DC

- ▶ IGBT invert technology.
- ▶ Adopted 32-bit digital chip, more powerful.
- ▶ Applicable to industries such as mechanical, Petroleum, chemical, shipbuilding, vehicle, electric power and building decoration.
- ▶ Multiple process of the series: MMA, AC TIG, DC TIG, PULSE AC TIG and PULSE DC TIG.
- ▶ Suitable to weld metals: Aluminum, Magnesium, Stainless Steel and Carbon Steel.



### Technical Parameters



| Mode                       |     | TIG-250P AC/DC   | TIG-315P AC/DC   |
|----------------------------|-----|------------------|------------------|
| Rated Input Voltage (V)    |     | AC220V $\pm$ 15% | AC380V $\pm$ 15% |
| Frequency (Hz)             |     | 50/60            | 50/60            |
| Rated Input Capacity (kVA) |     | 4.5/5.3          | 7.4/8.1          |
| Welding Current (A)        | TIG | 200              | 280              |
|                            | MMA | 160              | 225              |
| Non-load Voltage (V)       |     | 60               | 77               |
| Rated Duty Cycle (%)       |     | 60%              | 60%              |
| N.W (kg)                   |     | 20               | 25.5             |
| Machine Dimensions (mm)    |     | 500*255*480      | 565*285*550      |

JUN BOM is a welding equipment factory located in Guangdong province, China. Over the last 6 years, we've sought to improve product design and service as our customer base has grown fast. Thanks to the convenient supply chain and logistics, we can manufacture and provide sturdier and smarter welding equipment at competitive costs.

Committed to innovation and quality, JUN BOM specializes in producing high-performance welding machines that meet the needs of both industrial and professional users. Our products are designed for durability, precision, and user friendly, ensuring optimal performance in various welding applications.

With a strong focus on customer satisfaction, we offer reliable after-sales support and technical assistance to help our clients achieve better welds experience.



By leveraging advanced manufacturing technologies and strict quality control, JUN BOM strives to be a trusted partner in the welding industry, delivering excellence with every product.

Choose JUN BOM for "smarter welding solutions" that combine strength, efficiency, and affordability.





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**FOSHAN JUNBOM ELECTROMECHANICAL EQUIPMENT CO., LTD.**



Building 2, No. 55 Huazhen East Road, Beijiao, Shunde Area,  
Foshan, Guangdong, China 528300



[www.fsbjd.com](http://www.fsbjd.com)



+86 18138352115

+ 86 13726359276



[lisa@fs-junbom.com](mailto:lisa@fs-junbom.com)

[Jerry@fs-junbom.com](mailto:Jerry@fs-junbom.com)