

MasterTig AC/DC 3500W

Powerful dependable and reassuringly economic



In brief

- Automatic AC balance increases the quality and speed of welding
- Precise penetration control based on AC frequency adjustment
- Reliable arc ignition and functionality
- A choice of three control panels suiting different customer needs



Applications

- Fabrication workshops
- Chemical and process industry
- Installation and set-up
- Repair and maintenance



Energy efficient

Key features

MasterTig AC/DC 3500W only requires a 20 amp 3ph power supply, some small indication of the economy offered by this modern power source design. A maximum power output of 350 amp at 60% duty cycle ensures you have enough power and the integral water cooling unit keeps water cooled torches cool during high duty production welding.

MasterTig AC/DC 3500W control panels provide all of the necessary functions needed for TIG welding. Simply choose the control level that suits your particular needs. Options include pulsed and basic versions with large clear meter displays. Standard features include: Pre and Post gas time control, slope control, arc shape AC balance control, torch switch latching, remote control selection and MMA process. Safety code lock feature prevents unauthorised use of the equipment.

Choose from three control panel options:



ACDC



ACDC Minilog



ACDC Pulse

MasterTig AC/DC 3500W

Technical specifications

MasterTig AC/DC 3500W

| | | |
|-----------------------------|--------------|------------------------|
| Connection voltage | 3~, 50/60 Hz | 400 V (±10 %) |
| Rated power, max. | TIG | 11.7 kVA |
| | MMA | 15.7 kVA |
| Fuse, delayed | 400 V | 20 A |
| Output 40 °C | 60 % TIG AC | 350 A/24 V |
| | 100 % TIG AC | 280 A/21.2 V |
| | 60 % MMA DC | 350 A/34 V |
| | 100 % MMA DC | 280 A/31.2 V |
| Welding range | TIG DC | 3 A/10 V...350 A/24 V |
| | AC | 10 A/10 V...350 A/24 V |
| | MMA | 10 A/20 V...350 A/34 V |
| Open circuit voltage | AC, DC | 70 V DC |
| Power ratio at max. current | | 0.9 |
| Efficiency at max. current | | 80 % |
| External dimensions | L x W x H | 690 x 260 x 870 mm |
| Weight | | 74 kg |

Ordering information

MasterTig AC/DC 3500W

6163505

Control panels

| | |
|--------------------|---------|
| ACDC basic panel | 6162801 |
| ACDC Minilog panel | 6162802 |
| ACDC Pulse panel | 6162803 |
| Transport unit T22 | 6185256 |



MasterTig AC/DC 3500W has earned its reputation as a dependable, quality welding equipment

For more product information, videos and news, please visit our website at www.kemppi.com