



MASTERTIG

Far from the ordinary



The new master of AC and DC TIG welding

MasterTig sets new standards for weld quality, usability and power efficiency.

- **Designed for professional user groups**, MasterTig family offers power source variants featuring impressive size and weight specifications.
- **Stylish, practical and robust, MasterTig absorbs the knocks of everyday welding life.** Light in weight and compact in size, MasterTig is constructed from tough injection molded plastic, featuring impact bridge protection structures, establishing your reliable partner for workshop or site use.



MasterTig power source options

- 230 A and 300 A versions available:
 - MasterTig 235 ACDC
 - MasterTig 325 DC
 - MasterTig 335 ACDC
- Separate models for generator use, multi-voltage applications and Australian market/VRD.
- Quickly access frequently used torch parts from the handle mounted storage tray.



MasterTig Cooler M

- Single multi-voltage cooling unit supports 230A, 300A, 400A power sources.
- Easy, fast and convenient coolant filling and cleaning



Key benefits



60 % FASTER SETUP

Weld Assist guides you towards the optimal setup. Tell the machine what you intend to weld and it sets the right parameters for easy and productive welding.



30 % INCREASED WELDING SPEED

Double Pulse function accelerates travel speed in DC applications and lowers heat input by 20%. Faster welding and lower materials distortion.



20 % LOWER NOISE LEVELS

MasterTig reduces noise levels compared to leading competitors in AC welding applications, allowing you to quietly concentrate on quality.



Excellent ergonomomy and superb user experience



UI CONTROL PANELS

Choose either traditional touch button control panels or the full color 7" TFT control system. Protected by a 3mm armor shield plate, the 7" TFT display panel is both impact and scratch resistant.



WELD ASSIST

Setting your machine first time, every time with Weld Assist.

Follow simple on-screen steps, selecting material, thickness, joint type and position, and Weld Assist sets the best parameters, guiding every welder towards accurate, productive welding.

Weld Assist also gives recommendations for electrode size, filler wire, gas flow, groove type, pass profile and travel speed. Perfect for pWPS creation.



Excellent ergonomomy and superb user experience



PERSONALIZE Upload your company logo or favorite image to personalize your MasterTig screen saver.



MODULAR DESIGN Choose from a range of MasterTig power models, alternative user interface, remote control options, transport units and torches, to ensure your machine exactly meets your needs.



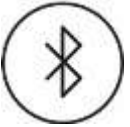
IMPACT BRIDGE MasterTig is designed and constructed from strong, energy absorbing, recyclable plastics, incorporating impact bridge structures that better protect the power source from the everyday knocks of welding life.



Excellent ergonomomy and superb user experience



AUTOCOOL Dynamic gas and water cooling ensures optimal temperature control and power efficiency. Depending on the welding power level and duration, the power source cooling fans moderate air flow and cooler motor run times between 15 seconds and 4 minutes, reducing electrical power consumption and localized noise levels.



BLUETOOTH The magic of cordless remote control. Cancel remote cable repairs and improve work site safety by using Bluetooth wireless remotes. Select either hand or foot pedal modules and depending on the work site, enjoy wireless power control from 15 to 100 meter distance.



PIVOTSAFE MasterTig transport units feature floor level cylinder loading, removing the need for heavy lifting. The P45MT transport unit integrates an innovative pivoting cylinder plate, achieving safe cylinder loading.



Enhanced welding



Double Pulse combines alternative pulse cycles for 30% faster welding speed and 20% reduced heat input.

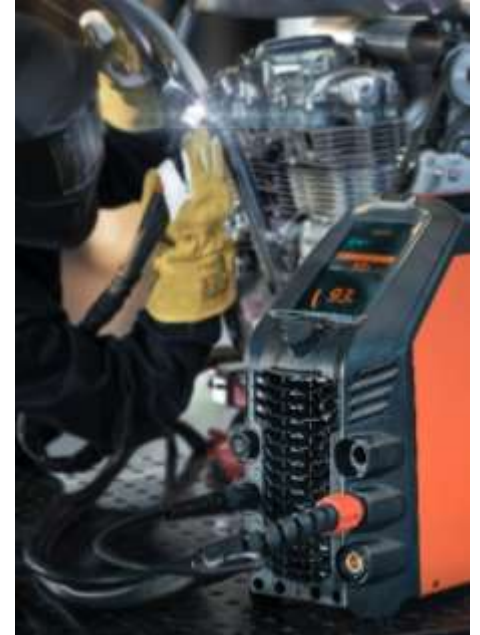
Lowering distortion levels and weld costs, Double Pulse is ideal for DC hand welding and mechanized applications and offers superb weld seam appearance.



iTEC is engineered ignition technology for reliable arc starts. Particularly useful with long torch extensions for site welding or precise thin materials and low current applications, you can set the variable spark force energy.



TFT control panel offers 99 memory channels per process to save the best parameter or WPS values. Copy or delete and update as needed.



Enhanced welding



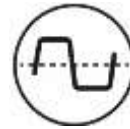
Weld time clock is simple and fast to reset, allowing you to record and compare welding times between jobs.

Ideal for total weld cycle measurement and job data records.



MicroTack is the fast and accurate tacking feature in both DC and AC TIG welding.

Ideal for multiple, repetitive tacking on thin sheet applications, where consistent and controlled appearance are paramount. Precise tacking with the minimum of heat input.



Optima AC is a customized AC TIG waveform that combines the best of the traditional sine and square waveforms.



Auto Pulse is easy and convenient and ideal for DC applications. The only parameter to adjust is the welding current itself.



Control panel options

1. **Fast and accurate** parameter setting
2. **Traditional touch button** control panels
3. **Color 7" TFT** control system, including Weld Assist. Supports either DC or ACDC power sources.



MTP23X



MTP33X

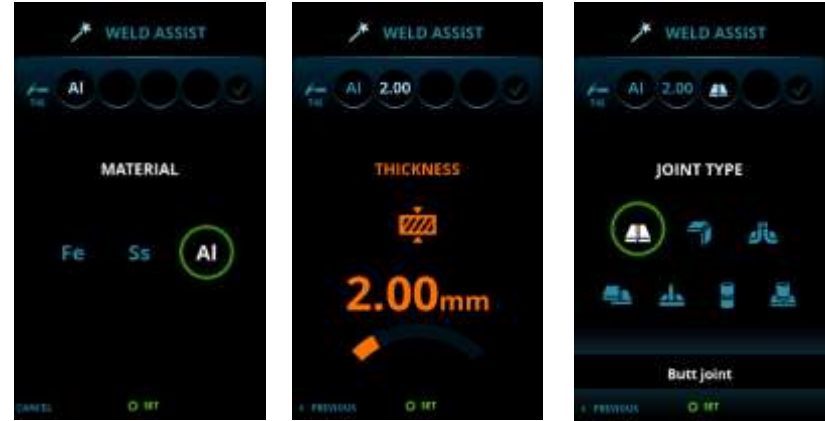


MTP35X

Weld Assist

Follow simple on-screen steps

1. Selecting material type
2. Material thickness
3. Joint type
4. Joint position
5. Weld Assist sets the best parameters, guiding every welder towards accurate, productive welding.



Remote control options

Foot pedal remote control

- **FR45** Bluetooth pedal
- **FR43** Wired pedal

Hand remote control (launches with MMA models)

- **HR45** Bluetooth remote
- **HR43** Wired remote



Bluetooth range up to 100 meters



Transport units

- Two and four wheel transport units
- Floor level cylinder loading, removing the need for heavy lifting.
- Integrated pivoting cylinder plate achieves safe cylinder loading on four wheel P45MT.



P43MT



T25MT



P45MT



Flexlite TIG torches

- Flexlite TX torches feature **high-strength flexible molded handles** for increased comfort and lower welder fatigue.
- Silicone rubber material gives a **firm grip** and the innovative design **reduces wrist loading**, allowing you to concentrate on the perfect weld.
- **Ready equipped to fit MasterTig** in either gas or water cooled models, Flexlite TX TIG torches are available in alternative power classes and lengths.
- Compact welding head designs include rigid, flexible and S-shaped rotating neck models, offering superb cooling performance and good access to challenging joint designs.



WeldEye option

- WeldEye option with a Digital Connectivity Module (DCM), operated via mobile phone app
- Digital WPS functionality
- Cloud-based system for welding management
 1. Welding Procedure and Qualifications Management
 2. Welding Quality Management
 3. Welding Management

