

500a AC/DC TIG WELDER SPECIFICATIONS

R-TECH **digital** SERIES

The R-Tech TIG500 is a power packed 500A AC/DC TIG welder with 415V input, electronic HF starting, fully featured pulse welding, 3 AC Waveforms, twin LED display and a high duty cycle. A remote foot pedal option is also available



FEATURES & SPECIFICATIONS

Full function digital control panel designed for easy use - control all setup and machine parameters from a single button - Easy start and finish set-up.

- 10 job auto memory store
- 3 AC Waveforms
 - Square Wave: fast cooling weld pool, deep penetration and fast travel speed
 - Sine Wave: Low arc noise, for a traditional arc
 - Triangular Wave: designed for thin alloys, reduces heat input
- Electronic HF - improved arc starting and less interference
- Lift start option
- Amperage Range: 5 to 500Amps (DC TIG)
- Amperage Range: 10 to 500 Amps (AC TIG)
- Amperage Range: 10 to 400 Amps (Stick/MMA)
- AC Frequency: 15-200Hz
- Pulse width: 0.1-1.0s
- Duty Cycle at 40°C: 35% @ 500Amps
- Input voltage: 415v 3 phase
- Fuse Rating: 32 Amps
- Pulse Frequency AC: 0.5-10Hz
- Pulse Frequency DC: 0.5-500Hz
- Dimensions: 490 x 255 x 480 mm Weight: 29kg
- VRD Voltage Reduction in MMA - reduces OCV in standby for increased user safety
- Full 4-way functioning with control of pre/post flow gas, initial/final amps, slope up/down
- Generator Friendly - Recommended minimum size: 25KVA
- Dual LED displays for pre-set and actual amps
- MMA Anti-Stick & Hot Start technology
- Remote Foot Pedal Option
- Package includes: WP26 TIG torch (4m), earth lead & clamp, gas hose, regulator & owners manual

3 Year Warranty



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