

# R-Tech TIG500



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
- 20% Duty Cycle at 500A (TIG)
- 60% Duty Cycle at 300A (TIG)
- 100% Duty Cycle at 265A (TIG)
- 25% Duty Cycle at 400A (MMA)
- 60% Duty Cycle at 275A (MMA)
- 100% Duty Cycle at 245A (MMA)
- Input voltage: 415v; Input Amperage: 32A
- 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: 18KVA
- Insulation class IP23S
- 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

Your local distributor



For more information visit:  
[www.r-techwelding.co.uk](http://www.r-techwelding.co.uk)

Specifications made be subject to change without notice.