

## ATP160

### 160A - INVERTER ARC-TIG -PLASMA CUTTER

The new Weldtech ATP160 Multi-process 3n1 ARC-TIG -PLASMA Cutting machine utilises the latest digital control technology to output an amazing 30 amps Plasma Cutting , 160 amps TIG and 140 amps Stick Arc power, all from a 10A single phase plug. Designed for portable repair work and small workshop use, the ATP160 is ideal for a welding enthusiast or hobbyist requiring a compact machine for basic repairs and general light welding requirements. The ATP160 Plasma Plasma Cutter is ideal for cutting steel up to 6mm thick, with a severance cut of 8mm. With the 160A TIG, you can weld Steel, Chrome Moly, Stainless, Titanium, or any other metal that can be welded with DC output, up to 3mm thickness. The 15-160A DC Stick/Arc output, with easy Arc start function precision welding Arc control, and super smooth inverter stabilised welding characteristics, is capable of welding like a pro with arc electrodes up to 3.2mm / 6mm steel thickness.

- ATP160 is the perfect choice for projects and repairs around the home , small workshop and auto repair tasks.
- Combination 3-in-1 multifunction Plasma Cutter/TIG Torch/ Stick Arc professional welding machine.
- Advanced IGBT technology, synergic controlled, very easy, precise and simple operation.
- Featured wave-form control system: perfect wave form of volts and amps during short circuits and Arc burning cycles.
- Automatic input voltage fluctuation controller, over-voltage protection, under voltage protection, over current protection, over load protection
- Automatic temperature control, fan on demand function
- Generators protected and optimised
- The ATP160 utilises cutting edge digital technology to deliver a flawless weld, making spatter and post-weld clean-up almost non-existent.



WORKSHOP SERIES



| Specifications          |                              |
|-------------------------|------------------------------|
| Supply Power            | 230V 60Hz / 10A Single Phase |
| Plasma Cutter           | 10 - 30A                     |
| Welding current Output: |                              |
| TIG Torch               | 15A - 160A                   |
| STICK ARC               | 15A - 140A                   |
| Duty Cycle:             |                              |
| Plasma Cutter           | 40% @30A, 100% @20A          |
| TIG Torch               | 50% @160A, 112A @100%        |
| STICK ARC               | 25% @140A                    |
| DC Open Circuit Voltage | 58V                          |
| Efficiency              | 85%                          |
| Power factor            | 0.93                         |
| Cooling Method          | Fan Cooled                   |
| Net Weight              | 16kg                         |
| Product Size            | 220x465x330mm                |
| Package Weight          | 18kg                         |

**INCLUDES**  
**5m Plasma Cutter Torch assembly,**  
**4m (WP-17) TIG Torch Assembly,**  
**4m 400A Electrode Holder with Cable,**  
**3m 400A Earth Clamp with Cable,**  
**2m Argon Gas Hose, Gas Regulator,**  
**TIG Consumables Starter Kit**  
**& Plasma Consumables Starter Kit.**

160A

Welds up to 6mm  
Cuts up to 8mm

18 MONTH TRADE WARRANTY



With 10A Plug - Ideal for a welding enthusiast or hobbyist requiring a compact machine!