

# TIP TIG | USA

The Evolution of TIG

## PORTABLE, ALL-IN-ONE FIELD UNITS

It's all new, all cased and all powerful. Completely redesigned and packed with our most advanced technology, it will make you rethink what TIP TIG is capable of. Suitable for Low Alloy Steel, Medium Alloy Steel, High Alloy Steel, Duplex, Super Duplex, Copper, Titanium, Aluminum, 9% Nickel Steel, and Highly heat resistant and galvanized materials.

### Product Applications:

- TIG DC for Hot Wire applications
- TIG AC for Cold Wire applications

### Product Features:

- Dynamic wire feeding for a controllable weld pool even with positional welding: The wire feeding is superimposed in parallel using a sinusoidal movement
- Up to 300 % faster welding speeds compared to TIG welding
- Up to 400 % improvement in deposition rate
- Dilution reduced by up to 80 %
- High process reliability and reproducible welding results
- Higher welding speed and easy handling
- Heat supply to the wire for improved deposition rate and an even lower risk of weld errors
- Perfect weld appearance, no weld spatters
- 4-Roll drive. Equipped for 0.8 mm (.030) / 0.9 mm (.035) / 1.0 mm (.040) / 1.2 mm (.045) wires
- Can be used with any TIG welding machine

### Technical Specifications:

- Input Voltage: 120 / 230 V ( $\pm 20$  %)
- Input Phase: 1
- Input Hz: 50 / 60 Hz
- Duty Cycle: (40°C / 104°F) 500 A / 100 %
- Wire Feed Speed: 0.15 – 17 m/min (5.6 – 670 IPM)
- Wire Frequency: 17 – 20 Hz
- Net Width: 366 mm (14.4 in)
- Net Height: 500 mm (19.7 in)
- Net Length: 625 mm (24.6 in)
- Weight: 31 kg (68 lbs)



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