

PowerPro 164Si



Analog Input AC/DCTIG/Stick/Plasma



Play. Work. All business.

- ▶ Tackle every day welding chores with one unit.
- ▶ TIG weld at 160A. Stick Weld at 130A. Cut at 40A.
- ▶ Keep going with 60% TIG/Stick and 35% Plasma Duty Cycle.
- ▶ Performs well in many pro and hobby applications.
- ▶ Never be caught without the equipment you need.
- ▶ Weld and cuts virtually any metal.



Be Prepared.

Have what you need when you need it.

Although life and work may be like a box of chocolates, and you may not ever know what you are going to get, you can always be prepared for it in your welding work anyway. The compact PowerPro 164Si delivers exactly what you need for most average applications that you'd run into on a daily basis if you are involved in light fabrication or portable repair. It gives you just what you need, when you need it, where you need it by offering a true all-in-one welder/plasma cutter design that reaches up to 160 amps AC/DC TIG welding power and 40 amps of cutting power. That is enough to tackle 3/16" aluminum and 1/4" or thicker steel (multi-pass). Of course 40 amps in plasma will get you up to 3/8" plate steel if needed. And for stick, well, that's plenty of welding power for most 1/8" rods (not suitable for E6010). It's perfect so you don't have to break your back or your bank to be fully prepared for the meat and potatoes part of your business.

Handier than a shirt pocket.

Of course, that may be an old, worn expression, but we think it truly fits this machine. It's there when you need it, not in the way or sucking up valuable floor space that multiple units suck up. Nor is it costing you much by comparison to having three separate machines. It can also serve many purposes. The IGBT inverter technology allows the unit to be compacted and reduced in size without sacrificing performance or quality. If anything performance and quality are improved. And you have more than your average features that are included in this machine. While it may not have every bell and whistle of its two larger siblings in the PowerPro line, it does improve on portability by offering dual 120V and 240V operation capability, so now it truly does go anywhere you have a power outlet available.

Specifications

Process: AC/DC Pulse TIG/DC Stick/Plasma
120/240V Input Amps: I1MAX: 28.5/24.8A I1EFF: 23/20A
OCV: 70V (250V Plasma)
Weight: 28kg (61 lbs.)
E6010/Cellulose (Stick): Not capable

Output: TIG: 5 (20)-160A TIG/Stick: 5-130A/Plasma 20-40A
Protection: IP21S
Fan Type: Full Time, Single Fan
Dimensions: 25"Lx18"Hx10"W
TIG Torch Type: 17 Series 12.5ft (Air-cooled)

Duty Cycle: TIG/Stick: 60%@160/130A; Plasma: 35%@ 40A
Plasma Torch Type: S-45 12.5ft. (non HF, Blow back Start)
Classification: Portable/Fabrication/Hobby
Input Cable Length: 6'
DINSE Type/Size: 35-50/70mm²

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All specifications, accessories and options are subject to change without notice.

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Panel Configuration and Details



1. On/OverTemp/Over Current Indicator. On verifies that power has been successfully switched on. Over Temp. indicates the duty cycle has been exceeded. Over Current indicates a power fault.
2. 2T/4T Sequencer. This section is to be used primarily with the torch mounted switch (trigger) to manipulate and control the weld cycle without a foot pedal. It includes the ability to set and control Downslope time and Post Flow. (Post flow is used with torch switch and pedal)
3. Process Selector. Select operation modes. Select from Pulse On/Off or 1Hz frequency or 25Hz frequency. Select 2T (or Pedal) or 4T torch operation. Select AC (Aluminum) or DC (all other metals). Or select process mode: TIG, Stick or Plasma (Cut).
4. AC Controls. Adjust the frequency of the AC cycling and the balance of Positive versus Negative polarity during the AC cycle. The Frequency helps control arc focus and directability while the balance controls the cleaning action while welding aluminum.
5. Amp Control. Adjust main Amperage for all processes.
6. Air Pressure/OK to Cut light. This indicates air pressure while cutting. OK to Cut indicates minimum safe operating air pressure has been achieved. (approx. 40 psi)
7. Amp Display. Displays static (set) and dynamic (operating) amperage.

Standard Equipment and Options



Standard Kit:

- Stick Electrode Holder and 9 ft. Cable (DINSE 35 Type Adapter)
- Work Clamp and 9ft. Cable (DINSE 35 Type Adapter)
- S-45 50A Plasma torch with 12.5 ft Cable/Adapter.
- 17 Series Air-Cooled TIG torch and 12.5 ft Cable (DINSE 35 Type Adapter)
- Argon Regulator (Floating Ball type)
- Foot Pedal (Standard Type)
- Consumable Starter Kit
- Adjustable Air Regulator and filter for Plasma
- 240V to 120V Pigtail Adapter



Customer Favorite Options:

- PowerCart 250 SKU/ # PC250-M
- NOVA 17 (air-cooled) Rotaflex TIG torch w/25 ft. Ultra-Flex Cable and DINSE 35 type adapter SKU/# NVA-RF-17-250-35QD
- NOVA 20 Rotaflex 20 (water-cooled) TIG torch with 25ft. Ultra-Flex Cable and DINSE type 35 adapter SKU/# NVA-RF-20-250-35QD
- PowerCool 300 Water Cooler SKU# PCW300-240
- Stubby Kit SKU/# E-WP17-26-18-SKT

Everlast proudly offers optional accessories and products from NOVA Welding Industries.



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