

# Rogue ES 130i PRO, 180i PRO

Portable solutions for professional welding



Rogue ES 180i Pro

## Industry

- Repair and Maintenance
- Civil Construction
- Agricultural Equipment
- Industrial and General Fabrication



Control panel

The Rogue ES is a robust and durable power source for the professional welder. The machine provides state-of-the-art welding performance and reliability through use of the latest high performance power electronics and Digital control; ensuring a precise consistent arc.

The Rogue ES provides a smooth DC (Direct Current) welding power which allows you to weld a variety of metals, such as alloyed and non alloyed steel, stainless steel, and cast iron. The Arc Force and Hot Start settings are adjustable and help the user find exactly the right arc for the job. Being digital the Micro-processor precisely controls all functions and provides Best-in Class welding performance across the amperage range of the machine. The Rogue ES 180i PRO can be used with electrodes up to 4.0 mm (5/32 in.) and Rogue ES130i PRO can tackle up to 3.2 mm (1/8 in.).

The Rogue ES can easily perform TIG -welding using a "Live TIG" start. Equip the power source with the optional TIG-Torch, which has a built-in gas valve and a regulator, and a bottle of gas and you are ready to weld mild steel or stainless steel, with or without filler material.

- Dual voltage input supply – flexibility to use any place on single phase plug
- Superior Arc characteristics – smooth and stable performance (including special mode for stick 6010)
- Generator Compliant – suitable for use with generators. (7kW recommended)
- Easy to Use – set the welding current and weld with excellent results
- Practical Design – makes the power source easy to carry which enables use at almost any work site
- Robust Design – IP23S designed for fabrication shop or site application
- PFC ensures a stable arc, resistant to power fluctuations even while working on long extension cables up to 300 feet (12 AWG size)
- Optional analogue remote control (Optional hand remote control MMA4)

Visit [esab.com](http://esab.com) for more information

When choosing a top-performing welding machine you need top-performing ESAB Filler Metals. Learn more at [esab.com/fillermetals](http://esab.com/fillermetals) today.

# Rogue ES 130i PRO, 180i PRO

| Specifications  |  |  |
|---|--|--|
|   | ES 130i PRO  | ES 180i PRO  |
| Primary Voltage 1 ph  | 120 – 230 VAC +/- 15%, 50/60 Hz                            | 120 – 230 VAC +/- 15%, 50/60 Hz                            |
| Maximum Output  | 130 A  | 180 A  |
| Rated kVA   | 3.9 kVA  | 6 kVA  |
| Energy Save Mode  | 50 W   | 50 W   |
| Open Circuit Voltage  | 78 V DC  | 78 V DC  |
| Stick (SMAW) Welding Output (230 V)<br>at 25% Duty Cycle<br>at 60% Duty Cycle<br>at 100% Duty Cycle | 130 A / 25.2 V<br>84 A / 23.4 V<br>65 A / 22.6 V           | 180 A / 27.2 V<br>116 A / 24.6 V<br>90 A / 23.6 V          |
| Stick (SMAW) Welding Output (120 V)<br>at 25% Duty Cycle<br>at 60% Duty Cycle<br>at 100% Duty Cycle | 90 A / 23.6 V<br>58 A / 22.3 V<br>45 A / 21.8 V            | 110 A / 24.4 V<br>70 A / 22.8 V<br>55 A / 22.2 V           |
| TIG (GTAW) Welding Output (230 V)<br>at 25% Duty Cycle<br>at 60% Duty Cycle<br>at 100% Duty Cycle   | 130 A / 15.2 V<br>84 A / 13.4 V<br>65 A / 12.6 V           | 180 A / 17.2 V<br>116 A / 14.6 V<br>90 A / 13.6 V          |
| TIG (GTAW) Welding Output (120 V)<br>at 25% Duty Cycle<br>at 60% Duty Cycle<br>at 100% Duty Cycle   | 130 A / 15.2 V<br>84 A / 13.4 V<br>65 A / 12.6 V           | 140 A / 15.6 V<br>90 A / 13.6 V<br>70 A / 12.8 V           |
| Current Range   | 10-130 on 230VAC<br>10-130 on 120VAC, depending on process | 10-180 on 230VAC<br>10-140 on 120VAC, depending on process |
| Operating Temperature   | -10 to +40 °C (+14 to +104 °F)                             | -10 to +40 °C (+14 to +104 °F)                             |
| Enclosure Class   | IP23S  | IP23S  |
| Dimensions  | 403 x 153 x 264 mm (15.8 x 6 x 10.4 in.)                   | 403 x 153 x 264 mm (15.8 x 6 x 10.4 in.)                   |
| Weight  | 8.25 kg (18.2 lbs)   | 8.25 kg (18.2 lbs)   |

| Ordering Information |            |
|----------------------|------------|
| Rogue ES 130i PRO    | 0700500091 |
| Rogue ES 180i PRO    | 0700500070 |

Delivery includes power source with 3 m (10 ft) mains cable and plug (N6-50P), shoulder strap, electrode holder with 3 m (10 ft) cable and return cable 3 m (10 ft) with clamp.

| Options & Accessories   |            |
|---|------------|
| Rogue Plastic Case  | 0700500085 |
| HW-17R, 60° Head with Rotary Valve, 12.5 ft, 2 pc. cable/hose assembly twist lock | 35857      |
| GRF400-580 Flowmeter Regulator  | 0781-2701  |
| Electrode Holder 200 A and Lead Assembly, 4 m (13 ft), 50 mm                      | WS200E13   |
| Ground Clamp 200 A and Lead Assembly, 3 m (10 ft), 50 mm                          | WS200G10   |
| TIG Foot Control, 4.5 m (15 ft) cable and 8-pin connector                         | W4014450   |
| Power Adapter, 230 V to 120 V, 15 A (2 ft, N6-50R to N5-15P)                      | W4014000   |



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