

# Rogue ET 181iP, 201iP PRO

## Portable solutions for professional welding



Rogue ET 201iP PRO

The Rogue ET are powerful high frequency start TIG machines. This easy-to-use welder is designed with a robust and durable housing that is IP23S rated. Weighing below 10 kg this lightweight welder features an ergonomic handle, carrying strap and long extension cables for maximum portability.

Rogue ET offer exceptional arc characteristics, both in TIG and MMA mode. Want more control over your welder? Rogue ET provide several TIG parameters that can be easily adjusted including gas pre flow, start current, ramp up time, ramp down time, finish current and post flow. All of which can be programmed using 2 or 4 stroke mode for greater arc control. Additionally, Rogue ET offers a pulse feature with background current control and frequency adjustments up to 500 Hz for better heat input control. In Stick mode, Hot Start or Arc Force can be adjusted according to individual welding preferences or applications.

New Pulse MMA functionality enhances the performance and improves the heat input control, to minimize thin gauge materials distortion, facilitate out-of-position welding with no undercuts and reducing spatter, thus helping to effectively avoid several welding defects.

### Industry

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

- High Frequency TIG start, prevents contamination of weld surface and improves weld quality
- Pulse MMA functionality – improves heat input control, minimizes distortion of thin materials and helps reduce spatter for higher quality welds
- Easy to Use – set the welding current and adjust a wide range of arc parameters for more control over your weld, also suitable for use with compliant generators
- Robust Housing – IP23S designed for both fabrication floor or site applications
- Advanced TIG parameter control to match every application and pulse feature up to 500 Hz for better heat input control
- Power Factor Correction (PFC) – ensures a stable arc, resistant to power fluctuations even while working on long extension cables up to 100 m (PRO version)
- Compatible with current adjusting foot pedal (sold separately)



Control panel

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

# Rogue ET 181iP, 201iP PRO

Specifications		
Model	ET 181iP	ET 201iP PRO
Primary Voltage 1 ph	230 VAC +/- 15%, 50/60 Hz	120 – 230 VAC +/- 15%, 50/60 Hz
Maximum Output	180 A	200 A
Rated kVA	8 kVA	7 kVA
Energy Save Mode	30 W	50 W
Open Circuit Voltage	63 V DC	78 V DC
MMA Welding Output at 20% Duty Cycle at 60% Duty Cycle at 100% Duty Cycle	(230 V) 170 A / 26,8 V 97 A / 23,9 V 75 A / 23,0 V	(230 V) 200 A / 28.0 V 129 A / 25.2 V 100 A / 24.0 V
TIG Welding Output at 25% Duty Cycle at 60% Duty Cycle at 100% Duty Cycle	(230 V) 180 A / 17,2 V 116 A / 14,6 V 90 A / 13,6 V	(230 V) 200 A / 18.0 V 129 A / 15.2 V 100 A / 14.0 V
Current Range *	10 – 180 A (230 V)	10 – 200 A (230 V)
Pulse TIG Frequency	0.2 – 500 Hz	0.2 – 500 Hz
Pulse MMA Frequency	0.2 – 100 Hz	0.2 – 100 Hz
Operating Temperature	-10 to +40 °C	-10 to +40 °C
Enclosure Class	IP23S	IP23S
Dimensions	403 x 153 x 264 mm	403 x 153 x 264 mm
Weight	8.7 kg	9.6 kg

\* Current Range 230 V values depending on process. .

For 120 V values please see separate instruction manual.

Ordering Information	
Rogue ET 181iP CE	0705002011
Rogue ET 201iP PRO CE	0705002010

Package includes: power source with 3 m mains cable and plug, shoulder strap, TIG torch SR-26 4 m, a set of wear parts including tungsten electrode, work lead with clamp 3 m.

Options & Accessories	
Shoulder Strap - Rogue	0700500086
MMA 4 Hand Remote Current Control, 10 m (33 ft) cable, 8-pin	0700500084
Electrode Holder, Handy 200 A with 25 mm <sup>2</sup> , 3 m, OKC 50	0700006900
Return cable kit, OKC 50, 3 m	0700006901
Return cable kit, OKC 50, 5 m	0700006885
SR-B 26 Torch, Air, OKC 50, 4 m	0700025580
SR-B 26 Torch, Air, OKC 50, 8 m	0700025581
SR-B 26FX-R Torch, Air, OKC 50, 4 m	0700025589
SR-B 26FX-R Torch, Air, OKC 50, 8 m	0700025590
TIG Foot Control, 4.5 m (15 ft) cable and 8-pin connector	W4014450

FX = Flexible head, R = Potentiometer for remote control.



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