

# Renegade ET 300i / ET 300iP

Portability is paramount. But so is power.



The Renegade TIG are inverter based High frequency TIG (HF) and MMA/Stick machines with extreme power to weight ratio. The compact format makes it easy to carry and bring to any jobsite. Combined with high duty cycle and the ability to run the machine on long mains and welding cable makes this a superior welding machine for both on- and off site applications.

The machine has an automatic input voltage sensor and can operate with any input voltage between 208 V and 528 V in 3-phase and 230 V in single phase.

- Extreme power to weight ratio in a most compact format. Rugged composite casing for durability in the roughest environments
- Widest input voltage tolerance and ability to run on single and three phase with cables up to 100 meters
- Easy to read and quick to set panel increasing the accuracy and reduces the down time
- Use the dual-current mode trigger functionality to switch between two output current levels which controls the heat input and size of the weld pool. The background current is set as a percentage of the weld current and changes accordingly
- Available as non pulsed and as pulsed for thin sheet metal applications
- Modular system with tool-less connection to water cooler and trolley
- Designed for extreme conditions including up to +55 °C ambient temperature

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## Industry

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- Civil Construction
- Pipe Construction
- Repair and Maintenance
- Heavy Fabrication
- Industrial and General Fabrication
- Mining
- Steel Erectors

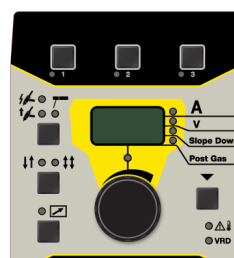
## Optional remote controls



ER 1 Multi-functional remote with built-in display



MMA 3 Traditional remote for amperage adjustment



ET 300i



ET 300iP

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.

Specifications	
Primary Voltage 1ph	230 VAC +/- 10%, 50/60 Hz
Primary Voltage 3ph	230-480 VAC +/- 10%, 50/60 Hz
Fuse Slow	16 A @ 400 V
Energy Save Mode	88 W @ 400 V
Maximum Output	300 A
Power Factor at Max Current	0.96
Efficiency at Max Current TIG / MMA	88% / 84%
Open Circuit Voltage with / without VRD	33 V / 48 V
TIG Welding Output 40%, 60%, 100% Duty Cycle	300 A/22.0 V, 250 A/20.0 V, 200 A/18.0 V
MMA Welding Output 40%, 60%, 100% Duty Cycle	300 A/32.0 V, 250 A/30.0 V, 200 A/28.0 V
Current Range	5 – 300 A (TIG and MMA)
Approvals / Application Class / Protection Class	CE / S / IP23
Mains Cable	3 m, 4x2.5 mm <sup>2</sup> (4x4 mm <sup>2</sup> with 230 V)
Supply Plug	CEE 16 A
Dimensions, Lx W x H	460 x 200 x 320 mm
Weight without / with Cooler	16.9 kg / 26.9 kg

Ordering Information	
Renegade ET 300i incl. 3 m mains cable & plug, 5 m return cable & clamp, 2 m gas hose w. clips	0445100900
Renegade ET 300iP incl. 3 m mains cable & plug, 5 m return cable & clamp, 2 m gas hose w. clips	0445100920

Ordering Information	
Shoulder strap	0445197880
Trolley 2-wheel for Renegade	0460330881
TXH 201 TIG Torch 4 m	0700300552
TXH 201 TIG Torch 8 m	0700300555
TXH 252w TIG Torch 4 m	0700300855
TXH 252w TIG Torch 8 m	0700300856
TXH 252w TIG Torch 16 m	0700300873
EC 1000 Water Cooler	0445045880
MMA 3 Analogue Remote Control incl. 10 m cable and 6-pin connector *	0445870880
MMA 3 Analogue Remote Control incl. 25 m cable and 6-pin connector *	0445870881
10 m Replacement Cable for MMA 3 Analogue Remote Control *	0445204880
25 m Replacement Cable for MMA 3 Analogue Remote Control *	0445204881
Retrofit kit for MMA 3 Analogue Remote Control	0445840880
ER 1 Remote Control incl. 5 m cable and 6-pin connector	0445536881
ER 1 Remote Control incl. 10 m cable and 6-pin connector	0445536882
ER 1 Remote Control incl. 25 m cable and 6-pin connector	0445536883
ER 1F Foot Control incl. 5 m cable and 6-pin connector	0445550881
ER 1F Foot Control incl. 10 m cable and 6-pin connector	0445550882
1 to 3-phase Adapter Renegade **	0445139880

\* Compatible with Renegade ES 300i, ET 300i and ET 300iP machines with serial number over 815-xxx

\*\* Only for use with Renegade ES 300i (0445100880), ET 300i (0445100900) and ET 300iP (0445100920)



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