

Renegade™ ET 300iP

Multi-voltage, industrial DC TIG Pulse/Stick Machine



ET 300iP

ET 300iP with EC 1000 Water Cooler

A small, but stout 33-pound (15 kg) unit, Renegade™ ET 300iP is a groundbreaking combination of PORTABILITY and POWER. It has the highest power to weight ratio in its class designed to virtually go anywhere in the shop and out on the job site.

Renegade ET 300iP handles single- and three-phase power from 208V to 460V automatically, and puts out 5 to 300 Amps. The Renegade ET 300iP package includes power supply, 10 ft. (3 m) input cable, shoulder strap and 2 male 50mm OKC connectors.

- Highest power to weight ratio in its class weighing in at 33 lbs. (15 kg) and producing 300 A at 40% duty cycle. Combined with its rugged case, Renegade is ideal for the most extreme environments in the industry.
- Small, lightweight system can virtually go anywhere in the shop or out on the jobsite. Its three handle design makes it easy for transportation and maneuvering through manholes and other hard to reach areas.
- Pulse HF TIG. 0.1 - 1000 pulse frequency range, the widest range in its category giving you maximum precision TIG welding capability including better arc control, penetration and increased travel speeds.
- Intuitive interface – the machine's digital readout display, along with large buttons with excellent feedback and controls, make it easy to set parameters and read them from a distance.
- Air- and water-cooled packages available with easy, intuitive set-up.

Industry

- Ship and Offshore Yards
- Civil Construction
- Pipeline
- Repair and Maintenance
- Boiler Tube Manufacturing
- Petrochemical
- Food and Beverage
- Aerospace
- Industrial and General Fabrication

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When choosing a top-performing welding machine you need top-performing ESAB Filler Metals. Learn more at esab.com/fillermetals today.

Renegade™ ET 300iP

Specifications	
Input Voltage	230 – 460 VAC 1 ph, 3 ph +/- 10% 50/60 Hz
Input Current Draw	10 A, 400 – 460 V / 11 A, 380 V / 20 A, 230 V
Welding Output, TIG (GTAW)	300 A / 20 V @ 40% Duty Cycle 3 ph 250 A / 20 V @ 60% Duty Cycle 3 ph 200 A / 18 V @ 100% Duty Cycle 1/3 ph
Welding Output, Stick (SMAW)	300 A / 30 V @ 40% Duty Cycle 3ph 250 A / 30 V @ 60% Duty Cycle 3ph 200 A / 28 V @ 100% Duty Cycle 1/3ph
Current Range	5-200 A, 1 ph 5-300 A, 3 ph
Efficiency at Max Current	85% TIG 89% Stick
Maximum Output	300 A
Power Factor at Max Current	0.96
Fuse Slow	16 A at 400 V
Energy Save Mode	91 W
Open Circuit Voltage	32 V with VRD 48 V without VRD
Rated kVA	11.3 kVA
Supply Plug	CEE 16 A
Input Cable	10 ft. (3 m)
Approvals	CE, CSA
Protection Class	IP23
Dimensions, L x W x H	18.1 x 7.9 x 12.6 in. (460 x 200 x 320 mm)
Weight	37.3 lbs. (16.9 kg) without cooler 59.3 lbs. (59.3 kg) with cooler

Ordering Information	
Description	Part Number
Renegade ET 300iP Standard Package	0445100921
Renegade ET 300iP TXH 201 13 ft. (4 m) Package	0558102564
Renegade ET 300iP TXH 201 26 ft. (7.9 m) Package	0558102565
Renegade ET 300iP TXH 201 13 ft. (4 m) with Foot Control 16.5 ft. (5 m) Package	0558102566
Renegade ET 300iP TXH 201 26 ft. (7.9 m) with Foot Control 32 ft. (9.8 m) Package	0558102567
Renegade ET 300iP TXH 252w 13 ft. (4 m) with Foot Control 16.5FT Water-Cooled Package	0558102568

Standard package includes power supply, shoulder strap, 10 ft. (3 m) input cable, 2 x OKC 50mm connectors.

All TXH 201 packages include everything in the standard package plus TXH 201 TIG torch with on/off switch, GTAW Accessory kit, regulator/flowmeter w/gas hose.

Foot control packages include everything in the TXH 201 package plus ER1F foot control 16.5 ft. (5 m).

TXH 252w package includes power supply, shoulder strap, 10 ft. (3 m) input cable, 2 x OKC 50mm connectors, EC 1000 water cooler, TXH 252w 13 ft. (4 m) TIG torch with on/off switch, ER1F foot control, GTAW Accessory kit, regulator/flowmeter w/gas hose and two-wheeled trolley.

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Options & Accessories	
Description	Part Number
Shoulder strap	0445197880
Trolley 2-wheel for Renegade	0460330881
TXH 201 TIG Torch 13 ft. (4 m)	0700300552
TXH 201 TIG Torch 26 ft. (8 m)	0700300555
TXH 252w TIG Torch 13 ft. (4 m)	0700300855
TXH 252w TIG Torch 26 ft. (8 m)	0700300856
EC 1000 Water-Cooler	0445045880
ER 1 Remote Control incl. 16.4 ft. (5 m) cable and 6-pin connector	0445536881
ER 1 Remote Control incl. 33 ft. (10 m) cable and 6-pin connector	0445536882
ER 1 Remote Control incl. 82 ft. (25 m) cable and 6-pin connector	0445536883
ER 1F Foot Control incl. 16.4 ft. (5 m) cable and 6-pin connector	0445550881
ER 1F Remote Control incl. 33 ft. (10 m) cable and 6-pin connector	0445550882

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