



GO ROGUE

WITH RULE-DEFYING STICK PERFORMANCE.

THE DAYS OF ENTRY-LEVEL
MEDIOCRITY ARE OVER. WITH
UNCONVENTIONAL FEATURES,
UNPRECEDENTED PERFORMANCE,
AND AN ALL-NEW INDUSTRIAL
DESIGN, MINIARC ROGUE USHERS
IN A NEW ERA OF WELDING
CAPABILITY THAT WILL FORCE YOU
TO RETHINK EVERYTHING YOU
EXPECT FROM A PORTABLE STICK
MACHINE AT THIS PRICE POINT.
ARE YOU READY TO GO ROGUE?





BREAK AWAY FROM CONVENTION WITH THE RULE-DEFYING MINIARC ROGUE.

ENTRY-LEVEL PERFORMANCE.

Miniarc Rogue's next-level technology gives you precise, professional, and consistent control for smooth, stable arc performance and low spatter levels across all types of stick electrodes and weld positions. Adjustable hot start makes firing up your arc a breeze with even the most difficult electrodes. And the adjustable arc force helps you increase penetration and prevent electrodes from sticking. Never before has an entry-level welder been packed with such high-quality performance.



BASIC POWER.

Throw away your preconceptions about welders in this class – Miniarc Rogue's power stacks up against machines twice its price. Included Power Factor Control (PFC) technology allows for a highly efficient and steady arc that's resistant to power fluctuations. Miniarc Rogue runs on 120 V or 230 V with flexible automatic input voltage compensation, which makes it ideal for both main and generator power. With up to 25% duty cycle at 180 A, Miniarc Rogue has the strength to crush jobs on thicker materials.

UNDERWHELMING STRENGTH.

No other machine at this price point comes close to matching Miniarc Rogue's strength. Its robust and rigid fiberglass-molded housing is built to withstand impact after impact, in the shop or in the field. Miniarc Rogue is durable and weather resistant, with an IP23S rating for use in tough outdoor applications. And like every ESAB machine, Miniarc Rogue comes with our industry-leading three-year warranty for unbeatable peace of mind. Sayonara, cheaply constructed welders.





LIMITED PORTABILITY.

Miniarc Rogue's compact and lightweight design makes it easy to carry from job to job. It weighs in at just 18.2 pounds (8.25 kg), and its sturdy handle and included shoulder strap make it more comfortable than ever before to go wherever you need to. Plus, its stable arc performance means you can use long extension cables to work in even the most remote locations without affecting weld quality. It's the definition of a portable workhorse.



POOR USABILITY.

Miniarc Rogue has been tested in labs around the world to ensure it rises to global performance and usability standards. Its easy-to-use interface contains a large, precise digital display that can be easily read from up to 82 ft. (25 m) away. The optional remote control allows you to adjust current settings without needing to go back to the machine. No matter where you're working, Miniarc Rogue simply welds well.



IT'S TIME TO JOIN THE ROGUE REVOLUTION.

Unlike other machines in this class, Miniarc Rogue comes with a range of **premium accessories** from Tweco, giving you everything you need to start welding right out of the box.



SPECIFICATIONS

Product Specifications	Miniarc Rogue ES 180i
Input Voltage	120–230 VAC ±15%, 1ph, 50/60 Hz
Max Output	180 A
Rated kVA	6 kVA
Energy Save Mode	50 W
Open Circuit Voltage	78 V DC
Stick Welding Output (230 V)	25% duty cycle @ 180 A/27.2 V 60% duty cycle @ 116 A/24.6 V 100% duty cycle @ 90 A/23.6 V
Stick Welding Output (120 V)	25% duty cycle @ 110 A/24.4 V 60% duty cycle @ 70 A/22.8 V 100% duty cycle @ 55 A/22.2 V
TIG Welding Output (230 V)	25% duty cycle @ 180 A/17.2 V 60% duty cycle @ 116 A/14.6 V 100% duty cycle @ 90 A/13.6 V
TIG Welding Output (120 V)	25% duty cycle @ 140 A/15.6 V 60% duty cycle @ 90 A/13.6 V 100% duty cycle @ 70 A/12.8 V
Current Range	10–180 A
Operating Temperature	+14°F to +104°F (-10°C to +40°C)
Protection Class	IP23S
Dimensions	15.8 x 6 x 10.4 in. (403 x 153 x 264 mm)
Weight	18.2 lb. (8.25 kg)

ORDERING INFORMATION

Model Number	0700500070
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OPTIONS AND ACCESSORIES

Description	Part Number
Rogue Plastic Case	0700500085
TIG Torch HW-17 Valve, 12.5 ft. (3.8 m)	35857
GRF400-580 Flowmeter Regulator	0781-2701
Electrode Holder 200 A and Lead Assembly, 13 ft. (4 m), 50 mm	WS200E13
Ground Clamp 200 A and Lead Assembly, 10 ft. (3 m), 50 mm	WS200G10
TIG Foot Control, 15 ft. (4.5 m) Cable and 8-Pin Connector	W4014450
Power Adapter	W4014000

PREMIUM ACCESSORIES FROM TWECO.



PACKAGE INCLUDES: power source with 10 ft. power cable and plug, shoulder strap, electrode holder, and 10 ft. return cable with ground clamp.

Defy convention. Go rogue. Visit esab.com/rogue to find a distributor near you.

UNRIVALED SERVICE AND SUPPORT.

Miniarc Rogue, like every ESAB machine, is backed by our commitment to superior customer service and support. Our skilled customer service department is prepared to quickly answer any questions, address problems, and help with maintenance and upgrading of machines.

For more information on Miniarc Rogue, visit esab.com/rogue.

3-YEAR WARRANTY.

ESAB's industry-leading service and support means that if customers do need help, they'll be protected by the most comprehensive warranty in the business.



100% SATISFACTION GUARANTEE.

If there's anything you're not completely satisfied with in your first 100 days with your new Rogue, ESAB will make it right, even if it means giving you your money back.

It's all part of our Iron Clad Pledge to our customers.



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