



## **ESAB ROGUE COMPACT MMA/LIFT TIG INVERTERS OFFER INDUSTRY-BEST COMBINATION OF PERFORMANCE, PRICE**

ESAB Rogue ES 180i PRO and Rogue ES 200i PRO MMA/Lift TIG inverters will cause the industry to re-think its perception of power, performance and price. Welders with Rogue's capabilities often cost twice as much. These uses feature professional arc performance and controls such as adjustable hot start and adjustable arc force. They measure 343 x 153 x 264 mm, weigh 8.25 kg and feature ESAB's next-level control technology to produce a smooth welding arc with all types of MMA electrodes. The Lift TIG (DC TIG) function provides positive arc starts without the use of high frequency and they a stable TIG arc down to 10 amps, giving welders the control they need to work on thin metal or delicate components.

Users include mechanical contractors and those in general fabrication, maintenance and repair, rental, process pipe, food/beverage, farming and home workshops. Rogue ES 180i PRO has an output of 170A at 20% duty cycle and Rogue ES 200i PRO has a duty cycle of 25% at 200A.

### **Professional Features**

Rogue PRO models run on 90 – 270V 1-ph input, enabling users to work in a wide variety of locations. Flexible automatic input voltage compensation ensures a steady welding arc throughout the entire input power range, which makes them ideal for main power sources with dirty power and generator power, which often fluctuates.

PPO models also feature Power Factor Correction (PFC), so they draw less than 15A of current. As a result, users can use a smaller circuit breaker and reduce the worry of nuisance trips when welding at full output. Using the latest technology PFC circuit also enables welding with up to 100 m of cable extensions, further increasing location flexibility.

All Rogue models offer adjustable hot start and arc force control. Hot start increases current beyond the set value for a few milliseconds to help establish the arc. It especially helps with low-hydrogen electrodes, which can be notoriously difficult-to-start. Arc force control increases amperage when the voltage drops below a preset threshold. As a result, operators can hold a shorter arc length without the electrode sticking, which is beneficial when welding in narrow gaps, in corners and out-of-position. Rogue features digital meters visible up from 25 m away, and an optional remote controller allows users to adjust



current settings without needing to go back to the machine. A robust fiberglass-molded housing is built to withstand impact, and the weather resistant, IP23S rating makes Rogue suitable for use in tough applications.

Compared to other welders, Rogue units feature a higher open circuit voltage (OCV), which also promotes better arc starts. PRO models have an OCV of 78V.

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#### Image information

JPG: Rogue ES 200i PRO

Caption: ESAB Rogue MMA/Lift TIG inverters will cause the industry to re-think its perception of power, performance and price.