

Si 160 PFC

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Stick Welding
Power Source 

Quick Specs



Applications

Maintenance Repair
Shipboard Installation -
Farm/Ranch
Food Industry

Process

Stick
TIG (scratch)

Input Power: 230 VAC 1 Phase

Amperage Range: 5–150 A
150 A 25% DC at 40° C

Max. Open-Circuit Voltage: 70 Volt

Weight: 6,2 kg

The Power of Blue.®

Inverter-based, DC power source has an **easy-to-use operator interface** providing only the necessary controls in a compact machine.

Best in class Stick arc for those demanding jobs.

Portable in the shop or at the job site - at 6,0 kg the shoulder strap allows the end user to easily move from location to location.

Dual Fan technology an optimised power source cooling system which enables the machine to operate at a lower temperature, thus increasing it's performance and life cycle.

Terminal overload protection with indicator lights helps prevent the machine damage if the duty cycle is exceeded or airflow is blocked.



PFC, or power factor correction is an electronic system that changes the wave shape of the primary current drawn by the machine to improve the power factor to make sure you get the most out of your mains connection. PFC also improves welding on long interconnection cables.

Adaptive Hot Start™ for Stick arc starts, automatically increases the output amperage at the start of a weld should the start require it. Prevents the electrode from sticking and creating an inclusion.

Adaptive Arc force™ prevents sticking, automatically increases the output amperage when the electrode comes close to the work piece and prevents sticking into the weld puddle.



Power source is warranted for 3 years, parts and labour.



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Specifications

IP 23 **CC** **DC** **1**
Phase

Input Power	Rated Welding Output	Welding Amperage Range	Max. Open-Circuit Voltage	Amps Input at Rated Output	Dimensions	Weight
230 VAC	150 A at 25 % Duty Cycle	Stick: 4 - 150 A TIG (scratch): 4 - 160 A	70 VDC	16 A	H: 245 mm W: 145 mm D: 380mm	6,2 kg

Ordering Information

Power Source	Stock No.	Description
SI 160 PFC	059 016 016	Stick Inverter, incl. power cord
Accessories		
Cable kit	058 066 079	Welding cable set, length 3 m
Tig toortsen	WTC9VX4BXEX	Tig toorts type 9V, length 4 m, voorzien van gaskraan aansl. 3/8R
	WTC17VX4BXEX	Tig toorts type 17V, length 4 m, voorzien van gaskraan aansl. 3/8R