

Si 160/STi 160

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Stick Welding
Power Source



Quick
Specs



Applications
Maintenance Repair
Shipboard Installation
Farm/Ranch
Food Industry

Process
Stick

S IP 23

Input Power: 230 VAC 1-Phase
Ampage Range: 15 – 150 A/ 4 - 160 A
150 A/25% DC/ 160 A/20% DC
**Max. Open-Circuit
Voltage:** 85 Volt
Weight: **Si 160:** 5,2 kg
STi 160: 6,0 kg

The Power of Blue.®

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

Best in class Stick arc characteristics for those demanding jobs.

Portable in the shop or at the job site- at 6 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.

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

Preset 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. (Si 160)



Preset 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 (Si 160)

Digital meter with presetting, shows preset current before welding and actual value during welding. (STi 160)

Remote control connector to connect a remote control. (STi 160)

Lift TIG function, support TIG welding with Lift TIG start without the risk of tungsten contamination. (STi 160)

Adjustable Hot Start™ for Stick arc starts. Adjust the optimal start current for the application. The current automatically increases the output amperage at the start of a weld. (STi 160)

Adjustable Arc force™ prevents sticking. Adjust the optimal arc force value. Adjustable arc force supports positional welding by increasing the output amperage. (STi 160)



Power source is warranted for 3 years, parts and labour.
Original main power rectified parts are warranted for 5 years.

MADE IN USA
APPLETON, WI



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Specifications



Model	Nominal current	Max. Open-Circuit Voltage	Voltage	Power kVA/KW	Dimensions	Weight
Si 160	15 -150 A 150 A/ 25% Duty Cycle	85 VDC	230 V, 50/60 Hz 1-Phase	7,0 / 4,8	H: 245 mm W: 145 mm D: 380 mm	5,2 kg
STi 160	4 -150 A, 150 A/ 25% Duty Cycle, SMAW 4 -160 A, 160 A/ 20% Duty Cycle, GTAW	70 VDC		7,0 / 4,8 5,1 / 3,5		6,0 kg

Ordering Information

Power Source	Stock No.	Description
Si 160	059 016 011	Si 160 stick welder
STi 160	059 016 012	STi 160 stick/tig welder
Accessories		
Cables	058 066 079	3 meter cable kit elektrode and worklead
Case	656 161 007	Plastic carry case
Torch 4 m	WP-17VDE4RX	WP-17 V, without sheath, 4 meter
Torch 8 m	WP-17VDE8RX	WP-17 V, without sheath, 8 meter
Torch 4 m	WP-17VDE4EX	WP-17 V, with sheath, 4 meter
Torch 8 m	WP-17VDE8EX	WP-17 V, with sheath, 8 meter