

# STI 203<sup>®</sup>

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Stick Welding  
Power Source



## Quick Specs



### Applications

Petro/Chemical  
Mechanical Contractors  
Shipboard Installation  
Process Piping

### Process

Stick  
TIG Lift-Arc

**Input Power:** 400 V 3 - Phase

**Ampage Range:** 5 – 200 A

**Rated Output:** 200 A, 28 V 40% DC

**Weight:** 13,0 kg

## The Power of Blue.<sup>®</sup>

**Portable** in the shop or at the job site - at 13 kg the STI 203 easily moves from location to location.

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

**Easy installation** - no manual linking, providing convenience in any job setting. Ideal solution for dirty or unreliable power.

**Lift-Arc<sup>™</sup>** start provides TIG arc starting without the use of high frequency.

### Digital Volt and Amp meter

Displays preset welding current before welding and actual current while welding. With a push on the button the meter show welding voltage.



**Adaptive Hot Start<sup>™</sup>** 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.

**Arcforce "DIG" control** allows the arc characteristics to be changed for specific applications and electrodes. Arcforce helps to avoid "sticking" of stick electrodes and improves welding in position.

**Remote amperage control** provided through 14-pin receptacle on front of the machine. This permits use of the standard remote amperage control devices.



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



### ITW Welding Products

Edisonstraat 10  
3261 LD Oud-Beijerland  
The Netherlands

### Contact

Tel.: +31 (0) 186 641 444  
Fax: +31 (0) 186 640 880

info@itw-welding.com  
www.itw-welding.com

## Specifications



Welding Mode	Rated Output	Welding Amperage Range	Max. Open- Circuit Voltage	Amperes Input At rated Output 50/60 Hz			KVA	KW	Dimensions	Weight
				380	400	440				
TIG (GTAW)	200 A at 28 VDC 40% Duty Cycle	5 - 200	68 VDC	13,5	12,8	11,5	8,86	6,51	H: 438 mm W: 193 mm D: 333 mm	13 kg
Stick (SMAW)	200 A at 18 VDC 40% Duty Cycle			8,7	8,3	7,5	5,73	4,2		

## Ordering Information

Power Source	Stock No.	Description
<b>STi 203</b>	<b>059 016 015</b>	400 VAC, 50/60 Hz
<b>Remote Controls</b>		
RCC-14	<b>151 086</b>	Remote current side-to-side rotary control
RCCS-14	<b>043 688</b>	Remote current up-and-down rotary control
RFCS-14 HD	<b>194 744</b>	Heavy duty foot control, 6 m, 14 pins connector
RHC- 14	<b>242 211 020</b>	Remote current hand control length 6 m
<b>International-Style Connectors</b>		
Dinse Connector 50 mm <sup>2</sup> (1 male)	<b>042 418</b>	Used to connect weld lead to Dinse terminal machine
Dinse Connector 50 mm <sup>2</sup> (1 male, 1 female)	<b>042 419</b>	Used to extend weld cables