

# Maxstar® 200 DX

January 2011 • Index No. DC/32.0

TIG/Stick Welding  
Power Source



## Quick Specs



### Applications

Aerospace  
Mechanical Contractors  
Petro/Chem Fabrication  
Shipboard Installation/Repair  
Diary Industry  
Food/Beverage Industries

### Process

TIG  
Pulsed TIG  
Stick



**Input Power:** 120 - 460 VAC 1 or 3 Phase

**Ampage Range:** 1 - 200 A  
175 A 60 % DC 40° C

**Max. Open-Circuit Voltage:** 80 V

**Weight:** 16,8 kg

## The Power of Blue.®



**Auto-Line™** provides state-of-the-art flexibility to the end user. The Auto-Line circuitry automatically connects to 120 – 460 VAC, single or three-phase power without removing the covers to relink the power source. No longer is there a concern if you have the correct machine for shop or the job site.

**Lift-Arc™** provides TIG arc starting without the use of high frequency.

**HF Start** for non-contact arc starting that eliminates tungsten or material contamination.

### Blue Lightning Arc Starter

The Finest solid state Arc Start in the Industry! Maintenance free. Pre-set starting values by setting tungsten size. Parameters are automatically calculated.

Default tungsten setting is 2,4 mm.



**Exceptionally smooth** and precise arc for welding exotic materials. (TIG)

**Tailored arc control (DIG)** allows the arc characteristic to be changed for specific applications and electrodes. Smooth running 7018 or stiffer, more penetrating 6010. (Stick)

Inverter-based, DC power source has **state-of-the-art operator interface** allowing the user extra set-up capabilities in a compact machine. Features more precise control of output parameters than traditional knobs and switches.

**Hot Start™** adaptive control provides positive arc starts without sticking. (Stick)

**Low OCV stick** is a simple design that reduces the open-circuit voltage to 13 volts when the welding power source is not in use. This built-in circuit design eliminates the need for add-on voltage reducers.



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



### 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



	Input Power	Rated Output	Welding Amperage Range	Max. Open-Circuit Voltage	Dimensions	Weight
TIG	3 - Phase 1 - Phase	175 A at 60 % Duty Cycle 175 A at 60 % Duty Cycle	1 – 200 A	75 VDC (9 - 14 V)*	H: 343 mm W: 191 mm D: 445 mm	16,8 kg
Stick	3 - Phase 1 - Phase	150 A at 60 % Duty Cycle 150 A at 60 % Duty Cycle	1 – 200 A	75 VDC (9 - 14 V)*		

\* Sense voltage for Stick and Lift-Arc TIG

## Ordering Information

Power Source	Stock No.	Description
<b>Maxstar 200 DX</b>	<b>907 354</b>	TIG Inverter power source
<b>Accessories</b>		
TIG - Torches	<b>SR26/4</b>	TIG torch 200 A, 4 m, air-cooled (Also available with pot. meter)
	<b>SR26/8</b>	TIG torch 200 A, 8 m, air-cooled (Also available with pot. meter)
	<b>SW320/4</b>	TIG torch Speedway 320, 320 A AC/DC, 4 m water-cooled
	<b>SW320/8</b>	TIG torch Speedway 320, 320 A AC/DC, 8 m water-cooled
Gas hose	<b>907 100 0SL</b>	Length 2 m connections on both sides 3/8 R
Welding cable kit	<b>058 066 040</b>	Consisting of: 5 m Stick electrode holder and 5 m work clamp with Dinse connectors
Gasregulator	<b>373 700 00</b>	Elga Optimator gas saving regulator with flow meter
	<b>371 050 00</b>	Elga Tigex with flow meter
Coolmate 1	<b>300 459 001</b>	Cooler 240 VAC, requires coolant
BlueLiquid	<b>050 024 004</b>	Coolant, can 10 l
Cart	<b>300 480</b>	2- Wheel Trolley Cart, for Maxstar 200 and Coolmate 1
RFCS - 14	<b>043 554</b>	Remote foot control, length 6 m

