

# MAX 191 PFC



**NEW**



MAX<sup>®</sup> 191 PFC is capable of welding **4mm** electrodes from a **16 AMP.** fuse.

**30% PFC**  
Energy Saving

Power Factor Correction regulating wave form distortion from Input Voltage and Current supply, providing a constant Voltage to the Inverter.

In respect of stringent EN Standards for Harmonic Distortion (**EN 61000-3-12**) and the **energy efficiency ERP**. Energy savings of 30% compared to a normal Inverter and up to 50% to an SCR.

Control of PFC regulation through DSP technology.

MADE IN ITALY

WARRANTY YEARS **2**

## MAIN FEATURES



### 4MM ELECTRODE

Owing to the newest Inverter PFC technology from Stel, the MAX<sup>®</sup> 191 PFC is capable of welding 4mm electrodes from a 16 AMP. fuse.



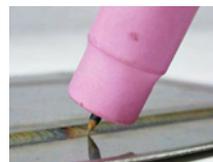
### LIGHTWEIGHT

Maximum portability due to low weight and practice structure design, makes the MAX<sup>®</sup> 191 PFC ideally suited for site work and any workshop.



### FLY-BACK

Advance dynamic electronic system of auxiliary input voltage (not traditional transformer) masters total control from all input power source voltages automatically.



### TIG SCRATCH

Using a Tig Torch with gas-valve, the MAX<sup>®</sup> 191 PFC can perform excellent DC TIG welding with scratch ignition.



### INFINITE REACH

The technology of Multi-Link provides suitability for use with extremely long input cables (500m). Potential to access distant working places.

Technical Data		MAX® 191 PFC	Features		MAX® 191 PFC
Main Voltage		150/290 V	Earth Clamp		16 mm <sup>2</sup>
Phase		1	Degree of Protection		IP 23
Frequency		50/60 Hz	Insulation Class		H
Real Current (30%)		13,5 A	Cooling		Air
Real Power (30%)		2,9 KVA	Work Temperature		40° C
Power Factor		0,99	Length/Width/Height (mm)		440x160x340
No Load Voltage		90 V	Weight		8,5 Kg
Current Range		5-160 A			
Welding Current 30%	(25° C)	160 A			
Welding Current 60%	(25° C)	125 A			
Welding Current 100%	(25° C)	110 A			
Welding Current 30%	(40° C)	160 A			
Welding Current 60%	(40° C)	115 A			
Welding Current 100%	(40° C)	100 A			

The date is measured at an environment temperature of 40 °C

## Main Accessories



**WELDING KIT 25mm<sup>2</sup>**  
 - Earth Cable 3m 25mm<sup>2</sup> Rubber  
 - Cable/Electrode Holder 4m 25mm<sup>2</sup> Rubber  
 - Wire Brush/Chipping Hammer+Handscreen  
 Cod. 6006610010



**HELMET MEGA 600S**  
 Large viewing area for maximum vision featuring innovative adjustments of delay, sensitivity and DIN protection, Shade 9-13.  
 Cod. 601253000L



**CABLES KIT 25mm<sup>2</sup>**  
 - Earth Cable 3m 25mm<sup>2</sup> Rubber  
 - Cable/Electrode Holder 4m 25mm<sup>2</sup> Rubber  
 Cod. 602060000L



**TIG TORCH 26V**  
 Tig Torch with valve.  
 Tig Torch 26V 4m Air Cod. 642850000L  
 Tig Torch 26V 8m Air Cod. 600971000L