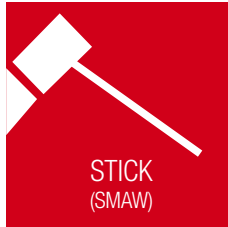


# MAX<sup>®</sup> 403S



## Inverter Multivoltage PFC

**PFC**  
**Multi-Link™**

### Technical Data MAX<sup>®</sup> 403S

Voltage Range	<b>200 V → 575 V</b>
Main Voltage	230-400-460-500 V
Phase	3
Frequency	50/60 Hz
Real Current (35%)	24,5 A
Real Power (35%)	9,7 KVA
Power Factor	<b>0,98</b>
No Load Voltage	70 V
Current Range	4-400 A
Welding Current 45% (25°C)	400 A
Welding Current 60% (25°C)	370 A
Welding Current 100% (25°C)	350 A
Welding Current 35% (40°C)	400 A
Welding Current 60% (40°C)	350 A
Welding Current 100% (40°C)	300 A

### Features MAX<sup>®</sup> 403S

Earth Clamp - Cable/E.Holder	70 mm <sup>2</sup>
Degree of Protection	IP 23
Insulation Class	H
Work Temperature	40° C
Length/Width/Height (mm)	600x250x460
Weight	40 Kg

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



**Made in ITALY**

The MAX<sup>®</sup> 403 Multi-Process/Multi-Function Inverter is available in the following versions:

- MAX<sup>®</sup> 403
- MAX<sup>®</sup> 403S

For optimum flexibility STEL has developed a new and sophisticated PFC Multi-Link™ which perfects the automatic connection (without any manual operation) of the power source to any input plug in the World from 200V 3 phase to 575V 3 phase.

This new technology requires a lower power consumption by the power source which will pull less Amps.

The PFC technology of the MAX<sup>®</sup> 403S version, requires less electrical input to the Inverter power source by utilizing the total current available from the input supply. This results in more than 30% savings from avoiding any energy loss.

The unique PFC flexibility further increases the many advantages to the operator such as, providing opportunity to use welding cables up to 500m long...motor-generator friendly...V.R.D..

Materials	Welding Process	Environments	Main Features
<ul style="list-style-type: none"> <li>• Mild Steels</li> <li>• Stainless Steels</li> <li>• Castings</li> <li>• Aluminium and Alloys</li> </ul>	<ul style="list-style-type: none"> <li>• Electrode Welding</li> <li>• Cellulosic Electrodes (No Citoflex)</li> <li>• TIG Lift Start Welding</li> </ul>	<ul style="list-style-type: none"> <li>• Medium-Heavy Fabrications</li> <li>• Maintenance</li> <li>• Petro-chemical</li> <li>• Ship-Building</li> <li>• Installers</li> <li>• Workshops</li> </ul>	<ul style="list-style-type: none"> <li>• Inverter Technology</li> <li>• PFC Multi-Link™</li> <li>• Arc-Force Variable</li> <li>• Tig DC Lift Start Welding</li> <li>• V.R.D.</li> <li>• Hot Start Variable</li> <li>• Arc Pulsing (with Remote)</li> <li>• CC-CV</li> </ul>