

TPS 500i MULTIPROCESS MIG -TIG-MMA

WELD SOLUTIONS FOR STEEL-STAINLESS-ALUMINIUM WELDING

The TPS 500i is a universal genius. It has been redesigned from the ground up. As a result, the weld properties have been significantly improved, communication between man and machine has been optimised, and the handling has been perfected. The modular design and potential for system add-ons ensure a high degree of flexibility. With perfectly harmonised components, the TPS/i is the welding system of the future.

TECHNICAL DATA

Welding current max.	500 A
Welding current min.	3 A
Welding current / Duty cycle [10min/40°C]	500A / 40%
Welding current / Duty cycle [10min/40°C]	430A / 60%
Welding current / Duty cycle [10min/40°C]	360A / 100%
Operating voltage	14,2-39,0V
Interconnection	20m
Mains frequency	50-60Hz
Mains voltage	3 x 400V
Mains fuse	35A
Dimension / b	300 mm
Dimension / l	706 mm
Weight	38 kg
Degree of protection	IP23



PLAIN-TEXT DISPLAY

The TPS/i's plain-text display is easily and intuitively controlled through its graphical user interface. The display has been optimised with the practical demands of the welding environment in mind. Colours, perspective, brightness, robustness and much more are designed to ensure easy and efficient working. Operation is easier than ever before – even while wearing gloves.

PLUG & WELD

All components can be connected easily and with no tools. Thanks to the automatic component recognition, the system always knows which components are connected and warns of any incompatibility. This means inefficient misadjustments can be ruled out almost entirely.

SPEEDNET

A 100 Mbit/s data bus ensures data exchange of components. SpeedNet enables more rapid communication, precise process control and the retrieval of all system statuses in real time.

FRONIUS SYSTEM CONNECTOR

The Fronius System Connector is a central connection point for all media. It lets users lock the hosepack simply and safely, with no tools, to guarantee a reliable current transfer. This results in shorter maintenance times and quicker replacement of wearing parts.