

/ Perfect Welding / Solar Energy / Perfect Charging



## TPS/i 500 HE

The welding solution for heavy equipment manufacturing



/ The lightest (81 lbs) and smallest footprint 500 Amp power supply

/ Increase productivity with new, advanced processes

/ Pulse Multi Control (PMC) process gives

-increased arc stability

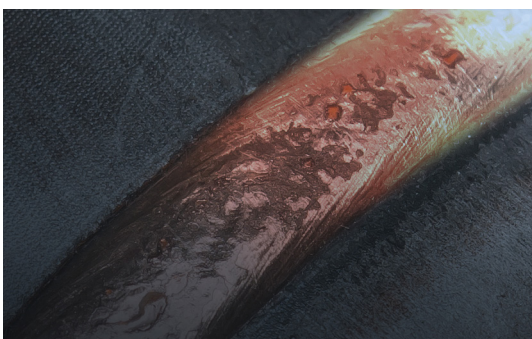
-deeper penetration

-reduced heat input



/ Intuitive touch screen

-easily set parameters, even wearing gloves



/ Achieve high quality welds consistently

-The TPSi intelligent arc responds faster

# Weld most combinations of material/gas/filler metal with over 300 pre-loaded synergic lines.

Configured with heavy equipment fabrication in mind – the TPS500i HE package is designed for optimum welding of all materials – from the steel structure of an excavator to the largest mining trucks. Weld with confidence with any wire – flux cored, metal cored or solid. Configured to handle larger spools. Equally at home welding stainless, aluminum and many other materials, the Fronius TPS500i Heavy Equipment package can do it all.



## Technical Data

	TPS 500i
Mains voltage	3 x 460
Mains range	342 - 529 Vac
Fuse protection	35A Slow blow
Mains tolerance	-10% / 15%
MIG current range	3 - 500A
MIG voltage range	14.2 - 39.0
Duty cycle 104°F (40°C)	500A @ 40%
	430A @ 60%
	360A @ 100%
Degree of protection	IP 23
Dimensions (LxWxH)*	27.8" x 11.8" x 20.1"
Weight*	80.9 lbs (36.7 kg)
*These values reflect the welding power supply only	

TPS 500i HE Package	Package #
500 Amp power supply	109545
Wire feeder & reel spool	
Carriage	
Push Torch /15 ft	
Ground cable	
Consumable setup for .052 wire	
Spare contact tips	

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Let's get connected!