

/ Perfect Welding / Solar Energy / Perfect Charging



SHIFTING THE LIMITS

TRANSSTEEL 2500/3500 COMPACT

/ MIG/MAG welding system



/ The 2500 Compact and 3500 Compact TransSteel models are rugged, reliable partners which stand out from the crowd with their intelligent design and exceptional ease of use. They come fitted out with all the details that make life easier for structural steel fabricators. Tough, sturdy tools are essential here. Digitally controlled and primed with expert knowledge, the TransSteel 2500 Compact and 3500 Compact welding systems are ready, willing and able to deliver superlative steel welding, and guarantee 100% system performance.

/ As space-saving yet powerful versions of the TransSteel series, the Compact models are of particular interest to workshop operations. The integrated wirefeeder is another feature making the TransSteel 2500 and 3500 Compact a good-value alternative for operations with more limited resources.

/ The multivoltage version of the TransSteel 2500 Compact offers additional benefits. Allowing single-phase operation on a 230 V mains supply, it can be used even in places where no three-phase electricity supply is available.

- / COMPACT DESIGN**
- / VERY EASY TO OPERATE**
- / PERFECT STEEL WELDING**



/ Very easy to operate, digitally controlled, with 'on-board' expert knowledge



/ TransSteel 2500 Compact – the space-saving, powerful alternative for workshop operations

DIGITAL WELDING TECHNOLOGY

/ With its digital control of the welding process, TransSteel stands for 100% reproducible welding results. TransSteel systems are future-proof and flexible: the digital welding system has a modular design and is both networkable and addressable.

BUILT-IN FRONIUS KNOW-HOW FOR STEEL WELDING

/ Experts have developed welding characteristics that are specially tailored to the needs of structural-steel fabricators, like precision ignition and perfect burn-off behaviour

WELDING AT THE POWER LIMIT

/ TransSteel Compact welding systems guarantee stable welding at the power limit. Automatic reduction of the wire feed speed prevents the arc from being extinguished.

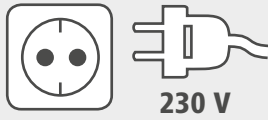
/ MTG 2500 S steel welding torch – tailor-made for the TransSteel 2500 Compact



/ A wirespool viewing window on the TransSteel 2500 Compact allows you to see at a glance how much wire is left and ensures that the wirespool is fully isolated.



TRANSSTEEL 2500 COMPACT



230 V

/ Single-phase operation – as the only Fronius inverter power source, the multivoltage version of the TransSteel 2500 Compact is suitable for single-phase operation. Depending on the mains supply, a maximum welding current of 180–200 A is possible.

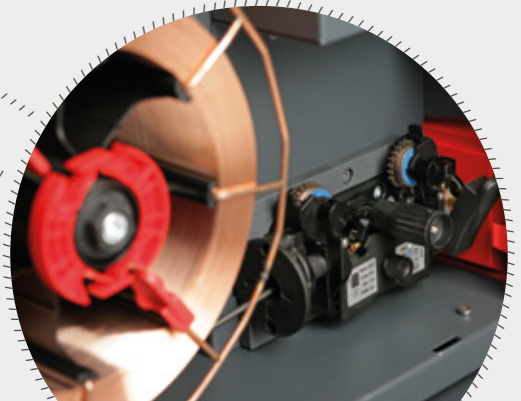


/ Compact control panel for ease of use



/ TransSteel 3500 Compact with optional water cooling

/ Integrated wirefeeder on the TransSteel 2500 and 3500 Compact



TRANSSTEEL 3500 COMPACT



/ Characteristics developed specifically for structural-steel fabricators ensure perfect steel welding

TECHNICAL DATA

	TRANSSTEEL 3500 COMPACT	TRANSSTEEL 2500 COMPACT (3-PHASE)	TRANSSTEEL 2500 COMPACT MULTIVOLTAGE (3-PHASE)
Mains voltage -10/+15 %	380–460 V	380–460 V	200–460 V
Welding current range	10–350 A	10–250 A	10–250 A
Welding current at 10 min / 40° C (104° F)	350 A 40 % D.C. 300 A 60 % D.C. 250 A 100 % D.C.	250 A 40 % D.C. 210 A 60 % D.C. 170 A 100 % D.C.	250 A 40 % D.C. 210 A 60 % D.C. 170 A 100 % D.C.
Working voltage	14.5–31.5 V (MIG/MAG)	14.5–26.5 V (MIG/MAG)	14.5–26.5 V (MIG/MAG)
Open circuit voltage	60 V	41 V	42 V
Protection class	IP 23	IP 23	IP 23
Dimensions l/w/h	747 x 300 x 497 mm 29.41 x 11.81 x 19.57 in	687 x 276 x 445 mm 27.05 x 10.87 x 17.52 in	687 x 276 x 445 mm 27.05 x 10.87 x 17.52 in
Weight	36 kg / 79.37 lb	30 kg / 66.14 lb	30 kg / 66.14 lb
Efficiency	89 % at 250 A	88 % at 170 A	87 % at 220 A
Wire feed speed	1–25 m/min / 39.37–984.25 in/min	1–25 m/min / 39.37–984.25 in/min	1–25 m/min / 39.37–984.25 in/min

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WE HAVE THREE DIVISIONS AND ONE PASSION: SHIFTING THE LIMITS OF POSSIBILITY.

/ Whether welding technology, photovoltaics or battery charging technology – our goal is clearly defined: to be the innovation leader. With around 3,000 employees worldwide, we shift the limits of what's possible – our record of over 1,000 granted patents is testimony to this. While others progress step by step, we innovate in leaps and bounds. Just as we've always done. The responsible use of our resources forms the basis of our corporate policy.

Further information about all Fronius products and our global sales partners and representatives can be found at www.fronius.com



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