

/ Perfect Welding / Solar Energy / Perfect Charging



TRANSSTEEL 2200

Multiprocess welding system – MIG/MAG, TIG and MMA



24 DIFFERENT WELDING TASKS A DAY. ONE POWER SOURCE FOR THEM ALL.

Whether the TransSteel 2200 is being used on a construction site, in a workshop, in agriculture, in metalworking trades, or for assembly, repair and maintenance work, it easily masters MIG/MAG, TIG and MMA welding to the same high level.

What's your
welding challenge?

Let's get connected.



THE ADVANTAGES OF THE TRANSSTEEL 2200



THREE PROCESSES, ONE POWER SOURCE

- / MIG/MAG, TIG and MMA welding
- / No compromises with the individual welding processes
- / Rapid switching between the processes
- / Easy process switchover thanks to an additional gas solenoid valve on the rear



STATIONARY AND PORTABLE

- / Suitable for workshops, construction sites and assembly work
- / Easy to move – 15 kg
- / Carry handle plus an optional carrying strap
- / Skid runners on the sides
- / Compensation of mains voltage fluctuations in long mains leads



SIMPLE TO OPERATE

- / The same intuitive operating concept common to all Fronius power sources
- / All important parameters can be viewed and adjusted on the front panel
- / Additional settings options in the sub-menu
- / Parameters can be changed through turn/press function



THE MOST COMPACT TRANSSTEEL

- / Internal wirefeeder for D100 and D200 wirepools
- / Newly developed two-roller motor plate for stable wirefeed
- / Wearing parts box inside the power source

PROPERTIES

MIG/MAG	TIG	MMA	
Up to 220 A	Up to 230 A	Up to 180 A	/ 15 kg
Ø 0.8 – 1.2 mm	LiftArc ignition	Ø 1.5 – 4 mm	/ Multivoltage 120 – 230 V
Steel, aluminium, CrNi characteristics	Pulse welding	Perfect ignition properties without sticking	/ Duty cycle 30% (220 A)
Spot and interval welding	TAC function		/ Steel, CrNi, CuSi, rutile FCW, metal-cored, self-shielded, AlMg5, AlSi5
			/ Up to 1.2 mm wire diameter

TECHNICAL DATA

	TransSteel 2200 Std	TransSteel 2200 MV		
Mains voltage -20 / +15%	230 V	230 V	120 V	120 V
Mains fuse protection (slow-blow)	16 A	16 A	20 A	15 A
Maximum primary current	26 A	26 A	29 A	20 A
Maximum primary power	5.92 kVA	5.92 kVA	3.26 kVA	2.35 kVA
Cos phi	0.99		0.99	
Efficiency	90% (at 150 A)	90% (at 150 A)	87% (at 100% D.C.)	
Wire speed	1.5 – 18 m/min	1.5 – 18 m/min		
WELDING CURRENT RANGE				
MIG/MAG	10 – 210 A	10 – 210 A	10 – 135 A	10 – 105 A
MMA	10 – 180 A	10 – 180 A	10 – 110 A	10 – 90 A
TIG	10 – 230 A	10 – 230 A	10 – 160 A	10 – 135 A
WELDING CURRENT				
MIG/MAG				
10min/40 °C (104 °F) 30% D.C.	210 A	210 A	135 A	105 A
10min/40 °C (104 °F) 60% D.C.	170 A	170 A	120 A	95 A
10min/40 °C (104 °F) 100% D.C.	150 A	150 A	105 A	80 A
MMA				
10min/40 °C (104 °F) 35% D.C.	180 A	180 A	110 A	90 A
10min/40 °C (104 °F) 60% D.C.	150 A	150 A	100 A	80 A
10min/40 °C (104 °F) 100% D.C.	130 A	130 A	90 A	70 A
TIG				
10min/40 °C (104 °F) 35% D.C.	230 A	230 A	160 A	135 A
10min/40 °C (104 °F) 60% D.C.	200 A	200 A	150 A	120 A
10min/40 °C (104 °F) 100% D.C.	170 A	170 A	130 A	105 A
Open circuit voltage	90 V	90 V		
OUTPUT VOLTAGE RANGE				
MIG/MAG	14.5 – 24.5 V	14.5 – 24.5 V		
MMA	20.4 – 27.2 V	20.4 – 27.2 V		
TIG	10.4 – 19.2 V	10.4 – 19.2 V		
Degree of protection	IP 23	IP 23		
Type of cooling	AF	AF		
Dimensions l x w x h	560 x 215 x 370 mm / 22.1 x 8.5 x 15 in.	560 x 215 x 370 mm / 22.1 x 8.5 x 15 in.		
Weight	15 kg (33.1 lb)	15.2 kg (33.5 lb)		

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THREE BUSINESS UNITS, ONE GOAL: TO SET THE STANDARD THROUGH TECHNOLOGICAL ADVANCEMENT.

What began in 1945 as a one-man operation now sets technological standards in the fields of welding technology, photovoltaics and battery charging. Today, the company has around 3,800 employees worldwide and 1,242 patents for product development show the innovative spirit within the company. Sustainable development means for us to implement environmentally relevant and social aspects equally with economic factors. Our goal has remained constant throughout: to be the innovation leader.

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

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