

## **TRANSSTEEL 2200**

 $Multiprocess\ welding\ system-MIG/MAG,\ TIG\ and\ MMA$ 



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

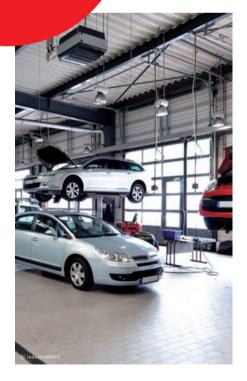
Whether the TransSteel 2200 is being used on a construction site, in a workshop, in agriculture, in metalworking trades, or for assembly, repair and maintenance work, it easily masters MIG/MAG, TIG and MMA welding to the same high level.

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 wirespools
- / Newly developed two-roller motor plate for stable wirefeed
- / Wearing parts box inside the power source

### **PROPERTIES**

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

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### **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					
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	210 A 170 A	133 A 120 A	95 A	
10min/40 °C (104 °F) 100% D.C.	170 A 150 A	170 A 150 A	120 A 105 A	95 A 80 A	
MMA	130 A	150 A	105 A	80 A	
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	10011	15011	3071	7011	
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		
	AF	AF			
Type of cooling					
Dimensions I 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)			

/ Perfect Welding / Solar Energy / Perfect Charging

### 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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