

/ Perfect Welding / Solar Energy / Perfect Charging



# TRANSSTEEL 2200 / 2700 / 3500C

The Multiprocess Power Source Series



YOU NEVER KNOW WHICH WELDING TASK IS COMING NEXT –  
MIG/MAG, TIG, OR MMA.

# NO COMPROMISES WITH THE TRANSSTEEL MULTIPROCESS.

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

What's your  
welding challenge?

Let's get connected.





# THE BENEFITS OF THE MULTIPROCESS SERIES

## THREE PROCESSES ON ALL DEVICES

- / MIG/MAG, TIG, and MMA welding
- / No compromises with the individual welding processes
- / Switching between processes takes less than a minute

## COUNTLESS APPLICATIONS

- / Suitable for five materials (steel, AlMg, AlSi, CuSi, CrNi)
- / 0.3 – 8 mm material thickness
- / Seven different gas mixtures can be used
- / Six different wire diameters

## READY TO WELD IN THREE STEPS

- / Intuitive operating concept
- / All important parameters can be viewed and adjusted on the front panel
- / Additional settings options in the submenu

## PROPERTIES:

	TRANSSTEEL 2200	TRANSSTEEL 2700	TRANSSTEEL 3500C
<b>MIG/MAG</b>	<ul style="list-style-type: none"> <li>/ Up to 220 A</li> <li>/ Ø 0.6 – 1.2 mm</li> <li>/ Steel, aluminum, CrNi characteristics</li> <li>/ Spot and interval welding</li> </ul>	<ul style="list-style-type: none"> <li>/ Up to 270 A</li> <li>/ Ø 0.8 – 1.2 mm</li> <li>/ Steel, aluminum, CrNi characteristics</li> <li>/ Spot and interval welding</li> </ul>	<ul style="list-style-type: none"> <li>/ Up to 350 A</li> <li>/ 0.8 – 1.6 mm</li> <li>/ Steel, aluminum, CrNi characteristics</li> <li>/ Spot and interval welding</li> </ul>
<b>TIG</b>	<ul style="list-style-type: none"> <li>/ Up to 230 A</li> <li>/ LiftArc ignition</li> <li>/ Pulse welding</li> <li>/ TAC function</li> </ul>	<ul style="list-style-type: none"> <li>/ Up to 270 A</li> <li>/ LiftArc ignition</li> <li>/ Pulse welding</li> <li>/ TAC function</li> </ul>	<ul style="list-style-type: none"> <li>/ Up to 350 A</li> <li>/ LiftArc ignition</li> <li>/ Pulse welding</li> <li>/ TAC function</li> </ul>
<b>MMA</b>	<ul style="list-style-type: none"> <li>/ Up to 180 A</li> <li>/ Ø 1.5 – 4 mm</li> <li>/ Perfect ignition properties without sticking</li> </ul>	<ul style="list-style-type: none"> <li>/ Up to 270 A</li> <li>/ Ø 1.5 – 6 mm</li> <li>/ Perfect ignition properties without sticking</li> </ul>	<ul style="list-style-type: none"> <li>/ Up to 350 A</li> <li>/ Ø 1.5 – 8 mm</li> <li>/ Perfect ignition properties without sticking</li> </ul>
	<ul style="list-style-type: none"> <li>/ Multivoltage 120 – 230 V</li> <li>/ Duty cycle 30% (210 A)</li> <li>/ Steel, CrNi, CuSi, rutile FCW, metal-cored, self-shielded, AlMg5, AlSi5</li> <li>/ Up to 1.2 mm wire diameter</li> </ul>	<ul style="list-style-type: none"> <li>/ Multivoltage 200 – 230 V / 380 – 460 V</li> <li>/ Can also be used for single-phase up to 200 A</li> <li>/ Side window and LED internal illumination</li> <li>/ Five freely configurable EasyJobs</li> <li>/ Up to 1.2 mm wire diameter</li> </ul>	<ul style="list-style-type: none"> <li>/ 350 A at a weight of only 36 kg</li> <li>/ Optional FK 5000 cooling unit</li> <li>/ Steel, CrNi, CuSi, rutile FCW, metal-cored, self-shielded, AlMg5, AlSi5</li> <li>/ Up to 1.6 mm wire diameter</li> </ul>

# TECHNICAL DATA

	TransSteel 2200	TransSteel 2200 MV			TransSteel 2700	TransSteel 2700 MV			TransSteel 3500C
Grid voltage -20 / +15%	230 V	230 V	120 V	120 V	380 – 460 V	1 x 240 V	1 x 230 V	3 x 200 – 230 / 380 – 460 V	380 - 460 V
Mains fuse (slow-blow)	16 A	16 A	20 A	15 A	16 A	30 A (US)	16 A (EU)	25 A / 16 A	35 A
Maximum primary power	5.92 kVA	5.92 kVA	3.26 kVA	2.35 kVA	8.66 kVA	6.75 kVA	5.10 kVA	8.66 kVA	12.3 kVA
Wire speed	1.5 – 18 m/min	1.5 – 18 m/min			1 – 25 m/min	1 – 25 m/min			1 – 25 m/min

WELDING CURRENT RANGE									
MIG/MAG	10 – 210 A	10 – 210 A	10 – 135 A	10 – 105 A	10 – 270 A	10 – 220 A	10 – 180 A	10 – 270 A	10 – 350 A
MMA	10 – 180 A	10 – 180 A	10 – 110 A	10 – 90 A	10 – 270 A	10 – 180 A	10 – 150 A	10 – 270 A	10 – 350 A
TIG	10 – 230 A	10 – 230 A	10 – 160 A	10 – 135 A	10 – 270 A	10 – 260 A	10 – 220 A	10 – 270 A	10 – 350 A

WELDING CURRENT									
MIG/MAG									
10min/40°C (104°F) 30% D.C.	210 A	210 A	135 A	105 A	270 A	220 A (40%)	180 A (40%)	270 A	350 A (40%)
10min/40°C (104°F) 100% D.C.	150 A	150 A	105 A	80 A	170 A	170 A	145 A	170 A (@230 V) 185 A (@>380 V)	250 A
MMA									
10min/40°C (104°F) 35% D.C.	180 A	180 A	110 A	90 A	270 A (30%)	180 A (40%)	150 A (40%)	270 A (30%)	350 A (40%)
10min/40°C (104°F) 100% D.C.	130 A	130 A	90 A	70 A	170 A	140 A	130 A	170 A	250 A
TIG									
10min/40°C (104°F) 35% D.C.	230 A	230 A	160 A	135 A	270 A	260 A	220 A	270 A	350 A (40%)
10min/40°C (104°F) 100% D.C.	170 A	170 A	130 A	105 A	170 A	180 A	170 A	185 A (@230 V) 195 A (@380 V)	250 A

Open circuit voltage	90 V	90 V			85 V		85 V		60 V
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OUTPUT VOLTAGE RANGE									
MIG/MAG	14.5 – 24.5 V	14.5 – 24.5 V			14.5 – 27.5 V	14.5 – 18.8 V	14.5 – 23.0 V	14.5 – 27.5 V	14.5 – 31.5 V
MMA	20.4 – 27.2 V	20.4 – 27.2 V			20.4 – 30.8 V	20.4 – 27.2 V	20.4 – 26.0 V	20.4 – 30.8 V	20.4 – 34.0 V
TIG	10.4 – 19.2 V	10.4 – 19.2 V			10.4 – 20.8 V	10.4 – 20.4 V	10.4 – 18.8 V	10.4 – 20.8 V	10.4 – 24.0 V

Degree of protection	IP 23		IP 23		IP 23		IP 23		IP 23
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		687 x 276 x 445 mm / 27.1 x 10.9 x 17.5 in		687 x 276 x 445 mm / 27.1 x 10.9 x 17.5 in		747 x 300 x 497 mm / 29.4 x 11.8 x 19.6 in
Weight	15 kg (33.1 lb.)		15.2 kg (33.5 lb.)		30 kg (66.1 lb.)		31 kg (68.3 lb.)		36 kg (79.4 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 4,550 employees worldwide and 1,241 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](http://www.fronius.com)

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