

/ 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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