

/ Perfect Welding / Solar Energy / Perfect Charging



TRANSPOCKET 150 TRANSPOCKET 180

As versatile as its tasks



EQUIPPED FOR ANY WELDING TASK, NO MATTER WHAT HAPPENS!

Every welding task is different. The seam must be able to withstand any load and every weather conditions, regardless whether you are deep underground or perched at a lofty height.

And regardless of whether you have access to a stable grid or energy is being supplied by a generator. Guaranteeing consistent seam quality in confined spaces and adverse conditions is only possible with the right welding system. Whether conditions are dusty or damp, the focus is always on the weld seam.

What's your
welding challenge?

Let's get connected.



TRANSPOCKET – ADVANTAGES AT A GLANCE



EXCELLENT IGNITION PROPERTIES AND HIGH ARC STABILITY

- / No electrode adhesion during ignition procedure
- / Generator-powered operation possible with long mains lead
- / Welding parameters for cellulose electrodes can be selected
- / Manual metal arc pulse welding

LOW WEIGHT AND ROBUST CONSTRUCTION

- / TransPocket 150: 365 x 130 x 185 mm, 6.3 kg
- / TransPocket 180: 435 x 160 x 310 mm, 8.9 kg
- / Robust interior for long service life
- / Plastic housing protects against any environmental influences (IP 23)



CONSISTENTLY HIGH WELDING QUALITY WITH PFC

- / Stable arc and low spattering thanks to digital resonance inverter technology
- / Ideal usage of existing power supply through PFC technology (Power Factor Correction)
- / Mains leads of up to 100 meters in length
- / Voltage fluctuation compensation for high arc stability

WIDE RANGE OF VARIANTS WITH ADDITIONAL OPTIONS

- / Available as a multivoltage variant (MV)
- / TIG variants: TIG pulse welding up to 1 kHz, 2-step or 4-step mode and TAC tacking are possible; there is also an integrated Up/Down function
- / Can be controlled as an RC variant with remote control
- / Update possible for further functionalities





TECHNICAL DATA

	TP 150/TP 150 TIG/TP 150 RC	TP 180/TP 180 TIG/TP 180 RC	TP 180 MV		
Grid voltage -20%/+15%, 50/60 Hz/	230 V		230 V	120 V (20 A)	120 V (15 A)
Power consumption	5.52 kVA	5.75 kVA	5.75 kVA	3.48 kVA	2.28 kVA
Cos phi	0.99 (150 A)	0.99 (180 A)	0.99 (180 A)		
Efficiency	88% (at 90 A)	89% (at 120 A)	89% (at 120 A)		
Welding current range					
Electrode	10–150 A	10–180 A	10–180 A	10–120 A	10–85 A
TIG	10–150 A	10–220 A	10–220 A	10–170 A	10–140 A
Electrode/welding current range at 10 min/40°C (104°F)	150 A (35% DC)	180 A (40% DC)	180 A (40% DC)	120 A (40% DC)	85 A (40% DC)
	110 A (60% DC)	150 A (60% DC)	150 A (60% DC)	100 A (60% DC)	70 A (60% DC)
	90 A (100% DC)	120 A (100% DC)	120 A (100% DC)	90 A (100% DC)	65 A (100% DC)
TIG/welding current range at 10 min/40°C (104°F)	150 A (35% DC)	220 A (40% DC)	220 A (40% DC)	170 A (40% DC)	140 A (40% DC)
	110 A (60% DC)	150 A (60% DC)	160 A (60% DC)	130 A (60% DC)	110 A (60% DC)
	90 A (100% DC)	120 A (100% DC)	130 A (100% DC)	100 A (100% DC)	100 A (100% DC)
Open circuit voltage	96 V	101 V			
Working voltage					
Electrode	20.4–26.0 V	20.4–27.2 V			
TIG	10.4–16.0 V	10.4–18.8 V			
Protection class	IP 23				
Type of cooling	AF/A				
Dimensions l/w/h	365/130/285 mm 14.4/5.1/11.2 in.	435/160/310 mm 17.1/6.3/12.2 in.			
Weight	6.3 kg 13.9 lb	8.9 kg 19.6 lb			
EMC	Emissions class A				

/ 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

v08 Aug 2017 EN

Fronius India Private Limited
GAT no 312, Nanekarwadi
Chakan, Taluka - Khed District
Pune 410501
India
Telephone + 91 98 20 60 52 07
sales.india@fronius.com
www.fronius.in

Fronius (Thailand) Ltd.
Pinthong Industrial Estate I
789/193 Moo 1, Sriracha,
Chonburi 20230
Building: P17/B1
Thailand
sales.Thailand@fronius.com
www.fronius.co.th

Fronius Middle East FZE
P.O. Box: 263241
Jebel Ali / JAFZA ONE BUILDING
Dubai / U.A.E
Telephone +971 (0) 56 499 8224
contact.middleeast@fronius.com
www.fronius.ae/pw

Fronius Canada Ltd.
2875 Argentia Road, Units 4,5 & 6
Mississauga, ON L5N 8G6
Canada
Telephone +1 905 288-2100
Fax +1 905 288-2101
sales.canada@fronius.com
www.fronius.ca

Fronius USA LLC
6797 Fronius Drive
Portage, IN 46368
USA
Telephone +1 877 FRONIUS
sales.usa@fronius.com
www.fronius-usa.com

Fronius UK Limited
Maidstone Road, Kingston
Milton Keynes, MK10 0BD
United Kingdom
Telephone +44 1908 512 300
Fax +44 1908 512 329
info-uk@fronius.com
www.fronius.co.uk

Fronius International GmbH
Froniusplatz 1
4600 Wels
Austria
Telephone +43 7242 241-0
Fax +43 7242 241-953940
sales@fronius.com
www.fronius.com