

/ 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) 110 A (60% DC) 90 A (100% DC)	180 A (40% DC) 150 A (60% DC) 120 A (100% DC)	180 A (40% DC) 150 A (60% DC) 120 A (100% DC)	120 A (40% DC) 100 A (60% DC) 90 A (100% DC)	85 A (40% DC) 70 A (60% DC) 65 A (100% DC)
TIG/welding current range at 10 min/40°C (104°F)	150 A (35% DC) 110 A (60% DC) 90 A (100% DC)	220 A (40% DC) 150 A (60% DC) 120 A (100% DC)	220 A (40% DC) 160 A (60% DC) 130 A (100% DC)	170 A (40% DC) 130 A (60% DC) 100 A (100% DC)	140 A (40% DC) 110 A (60% 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				

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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](http://www.fronius.com)

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