

/ Perfect Welding / Solar Energy / Perfect Charging



SHIFTING THE LIMITS

## TRANSTIG 1750 PULS

/ TIG & MMA welding



/ The TransTig 1750 Puls is small, rugged and fully digitised. Weighing only 9.1 kg (20.17 lb), this TIG-DC power source is ideal for portable use under tough site-erection conditions or out in the field. The microprocessor controls the welding power source, delivering results such as an extremely stable arc and 100 % reproducible welding properties. The power source is suitable for use in applications up to 170 A.

/ Digitally controlled TIG welding system

/ Small, portable, robust

/ Output up to 170 A



*/ The TransTig 1750 Puls is totally digitised, so it delivers high-precision welding results.*



*/ Lightweight and portable, and so right at home on every worksite.*

## FACTS

### STRAIGHTFORWARD OPERATING CONCEPT

/ A welding power source that is quick and easy to operate.

### PULSED-ARC MODE

/ Less heat input in TIG welding, better gap bridgeability and superb seam appearance.

### SPOT-WELDING FUNCTION

/ Welding interval can be set with 1/10th-second precision, for consistent, unvarying weld-spots.

### TAC

/ Quick and easy tacking made possible by pulsating arc, in one operational step.

### HF IGNITION

/ Touchless, damage-minimising high-frequency ignition ensures that there are no tungsten-inclusions in sensitive applications.

## TECHNICAL DATA

TRANSTIG 1750 PULS		
Mains voltage, 50–60 Hz	+15/-20 tolerance	1 x 230 V
Primary continuous current 100 % DC		14,7 A
Welding current range	TIG	2 – 170 A
	MMA	10 – 140 A
Efficiency at 120 A		84 %
Welding current at 10 min/40°C (104°F)	35 % DC	170 A
	100 % DC	120 A
Welding current at 10 min/25°C (77°F)	100 % DC	145 A
Standardised working voltage	TIG	10.1 – 16.8 V
	MMA	10.3 – 25.6 V
Open-circuit voltage		93 V
Ignition voltage (Up)		9 kV
Degree of protection		IP 23
Weight		9,1 kg (20.17 lb)
Dimensions L x W x H		430 x 180 x 280 mm (16.9 x 7.1 x 11 in.)



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## WE HAVE THREE DIVISIONS AND ONE PASSION: SHIFTING THE LIMITS OF POSSIBILITY.

/ Whether welding technology, photovoltaics or battery charging technology – our goal is clearly defined: to be the innovation leader. With around 3,000 employees worldwide, we shift the limits of what's possible - our record of over 1,000 granted patents is testimony to this. While others progress step by step, we innovate in leaps and bounds. Just as we've always done. The responsible use of our resources forms the basis of our corporate policy.

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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