



**MagicWave** 3000

**TransTig** 3000

TIG & MMA welding

Entirely digital, light-weight and exceptionally quiet. This is the way the new MagicWave and TransTig 3000 present themselves. The lightest power sources in the world.



PERFECT WELDING

## TECHNICAL DATA

		MW 3000 MV	TT 3000 MV
Mains voltage 50-60 Hz		3×200-240 V	3×200-240 V
		3×400-460 V	3×400-460 V
		1×200-240 V	1×200-240 V
Welding current three-phase	TIG	3-300 A	3-300 A
	MMA	10-300 A	10-300 A
Welding current single-phase	TIG	3-220 A	3-220 A
	MMA	10-180 A	10-180 A
Welding current at 10min/40 °C (104 °F)	3×460 V on MV	100% d.c. 190A	100% d.c. 240A
	3×230 V	30% d.c. 300A	45% d.c. 300A
		100% d.c. 170A	100% d.c. 220A
	1×230 V	40% d.c. 220A	55% d.c. 220A
		100% d.c. 150A	100% d.c. 190A
Open-circuit voltage		89 V	85 V
Standardized working voltage	TIG	10.1-22.0 V	10.1-22.0 V
	MMA	20.4-32.0 V	20.4-32.0 V
Type of cooling/insulation class		AF/B	AF/B
Dimensions LxWxH	mm	560x250x435	560x250x435
	Inches	22.0x9.8x17.1	22.0x9.8x17.1
Weight		30.0 kg / 66.14 lb.	25.9 kg / 57.10 lb.



### LIGHT WEIGHT AND VERSATILE

- The new TIG power sources are completely digitalized inverter power supplies. With inverter technology your welding results will be consistent every time. The arc is monitored continuously and the machine responds immediately to any changes.
- These units are available in both air and water-cooled configurations.
- Weighing as little as 58lbs, these power sources are among the lightest 300 A machines in the world.

### AREAS OF UTILIZATION

- The MagicWave and TransTig are used to weld many different materials, including aluminum, stainless steel and titanium.
- These machines are useable in nearly any industry.
- There are two models available in the 220V single phase and 460V three phase series.

### QUALITY AND SERVICE LIFE

- These power supplies like all Fronius machines have a very high degree of power efficiency.
- The MagicWave and TransTig machines were designed to be so robust and compact that they can take just about anything in stride.
- The features from these machines result in outstanding operational life, reduced number of wear parts and a lower cost.

### EXCELLENT PROPERTIES

- Cap Shaping is automatic; saving loads of time. Select the tungsten tip diameter and the machine immediately forms the shape and size after you strike the arc.
- Tac Function allows you to tack two materials together without any filler material.
- Active Wave is a waveform that will permit the highest possible arc stability with the lowest possible noise level.
- Plain text display makes the machines easy to operate. Functionality is extremely simple and "tells it like it is", in plain text. That means no abbreviations what so ever.



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