

FRONIUS MW 3000 WATER/AIR COOLED

The MagicWave is a completely digitised TIG AC/DC power source that is used especially for aluminium applications. Alongside the different power categories from 170 to 500 A, the devices also vary in their mobility – from the portable device to the high-power stationary complete system. The MagicWave features an extremely robust design and an exceptionally self-explanatory operating concept.

TECHNICAL DATA

GENERAL DATA

Mains voltage	3x 400V
Mains frequency	50-60Hz
Welding current / Duty cycle [10min/40°C]	300A / 35%
Welding current / Duty cycle [10min/40°C]	250A / 60%
Welding current / Duty cycle [10min/40°C]	200A / 100%
Open-circuit voltage	89 V
Degree of protection	IP23



TAC

With TAC, one spot is all it takes for tacking, because the pulsed arc sets the two weld pools in motion, making them jump together in next to no time, to make one single weld-pool. The TAC function is also very useful when welding light-gauge sheets without filler metal.

HF IGNITION

The touchless and gentle high-frequency ignition is the easiest option for igniting the arc.

TOUCHDOWN IGNITION

Touchdown ignition can be used in particular for sensitive application areas. This allows electromagnetic interference, which can occur during HF ignition, to be avoided.

AUTOMATIC CAP-SHAPING

This function enables automatic cap-shaping when welding aluminium, resulting in significant time savings. The user can set the size.