

FRONIUS TIG300 AIR COOLED

WELD SOLUTIONS FOR LOW-ALLOY AND HIGH-ALLOY STEELS AND NO-FERROUS METALS

The TransTig range is a completely digitised TIG DC power source from the mobile, portable device to the stationary, high-power complete system. However, they all have one thing in common – an extremely robust design for a long service life and an exceptionally self-explanatory operating concept.

Weighing only 24 kg, the TransTig 3000 is among the lightest TIG power sources with a 3-phase power supply. Its ease of use and robust design round off the overall package perfectly.

TECHNICAL DATA

GENERAL DATA

Mains voltage	3 x 400V
Mains frequency	50-60Hz
Welding current / Duty cycle [10min/40°C]	300A / 45%
Welding current / Duty cycle [10min/40°C]	300A / 50%
Welding current / Duty cycle [10min/40°C]	240A / 100%
Open-circuit voltage	81 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.

NO GRID-VOLTAGE DEPENDENCE

The power sources are available in country-specific variants, meaning they can also be used in regions with differing mains voltages. For more information, please contact your local Fronius contact.