



**AKGEC-Fronius**

ADVANCE WELDING TECHNOLOGY  
AND RESEARCH CENTRE

# MagicWave GTAW System



MagicWave series of GTAW systems are fully digitized and most efficient TIG AC / DC welding machines having extremely low open-circuit power. It is equipped with "Active Wave technology" for peace and quiet operation with a much quieter arc. The integrated digital signal processor always computes in real time – the waveform that will permit the highest possible arc stability with the lowest possible noise emissions levels. These machines are very suitable for aluminium and its alloys, but also for low and high alloy steels and non-ferrous metals. Also it is possible to make variable adjustments to the AC waveform, giving the welder reliable weld-pool control even at high amperages.

## Machine Specification

Current Range : 3 to 220 amp  
Open Circuit Voltage : 88 V  
Operating Voltage : 10.1 V - 18.8 V  
Degree of Protection : IP 23  
Ignition Voltage : 9.5 kV

Duty Cycle : 60% @ 180 amp,  
100% @ 150 amp  
Cooling System : AF  
Insulation Class : B  
Weight : 17.4 kg