



AKGEC-Fronius

**ADVANCE WELDING TECHNOLOGY
AND RESEARCH CENTRE**

MagicWave GTAW (CWT) System



The MagicWave GTAW (CWT) systems consists of highly efficient, digital MagicWave power source coupled with an Cold Wire Feeding system which automates filler metal feeding in TIG Welding. As a result, welding parameters can be duplicated, weld travel speeds can be increased and TIG filler rod stub loss is eliminated. Costly filler wire remains clean in an enclosed cabinet. Cold wire feeding makes fully automatic machine TIG welding possible. Consistently high results, quality welds with reduced welder down time. The Dual Groove Drive Roll accepts multiple wire sizes. TIG welding with a TIG cold wire feeder dramatically increases productivity for hand held or automated applications.

Machine Specification

Wire Feeder	: KD 4000	Duty Cycle	: 60% @ 180 amp, 100% @ 150 amp
Current Range	: 3 to 220 amp	Cooling System	: AF
Open Circuit Voltage	: 88 V	Insulation Class	: B
Operating Voltage	: 10.1 V - 18.8 V	Weight	: 17.4 kg
Degree of Protection	: IP 23		
Ignition Voltage	: 9.5 kV		