



AKGEC-Fronius

ADVANCE WELDING TECHNOLOGY
AND RESEARCH CENTRE

TransTIG GTAW System



TransTIG GTAW systems are light weight, tough and completely digitized systems capable of providing a super-quiet yet highly stable arc for TIG welding. It is capable of delivering high degree of power efficiency, extremely low open-circuit power, automatic cooling-unit cut-out (which has a direct and measurable impact on the current consumption), and of course the automatic cap-shaping function, which reduces the working times needed by the welder.

All in all, these features result in outstandingly long operational life, a small number of wearing parts, and lower labour costs. Due to their great versatility, these systems can be used right across the entire spectrum of industry – from the construction of chemical plant, tanks and containers to mechanical and plant engineering and pipeline construction, and taking in all site-erection, structural metalworking, maintenance and repair firms. It delivers just as perfect results when used for robot welding as in manual welding.

Machine Specification

Current Range	: 3 to 220 amp (DC)	Duty Cycle	: 60% @ 200 amp, 100% @ 170 amp.
Open Circuit Voltage	: 84 V	Type of Cooling	: AF
Operating Voltage	: 10.1 - 18.8 V	Insulation Class	: B
Degree of Protection	: IP 23	Weight	: 16.8 kg
Ignition Voltage	: 9.5 kV		