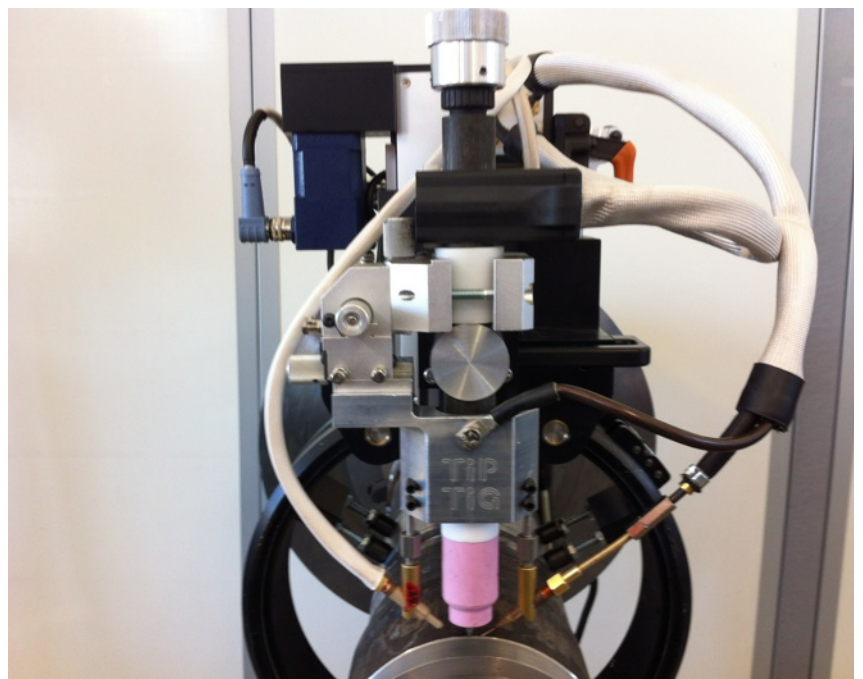
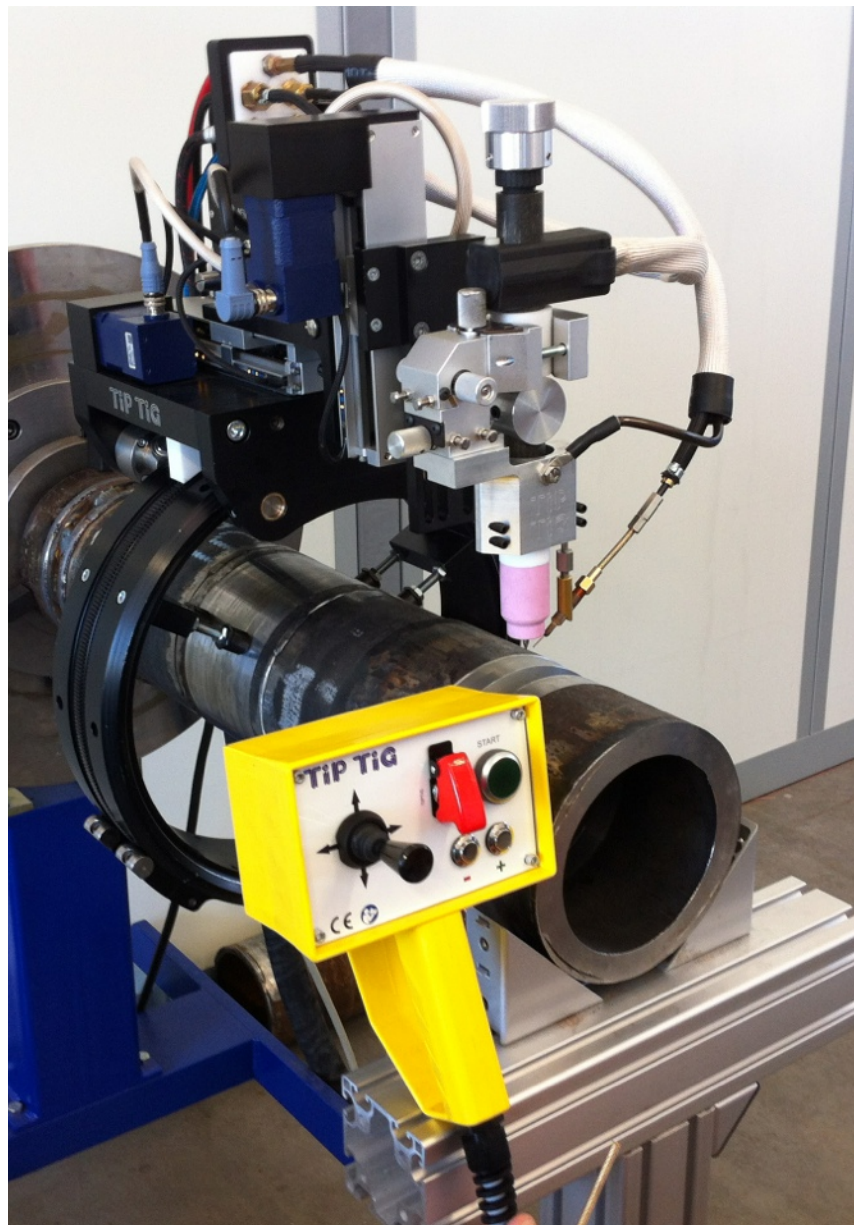


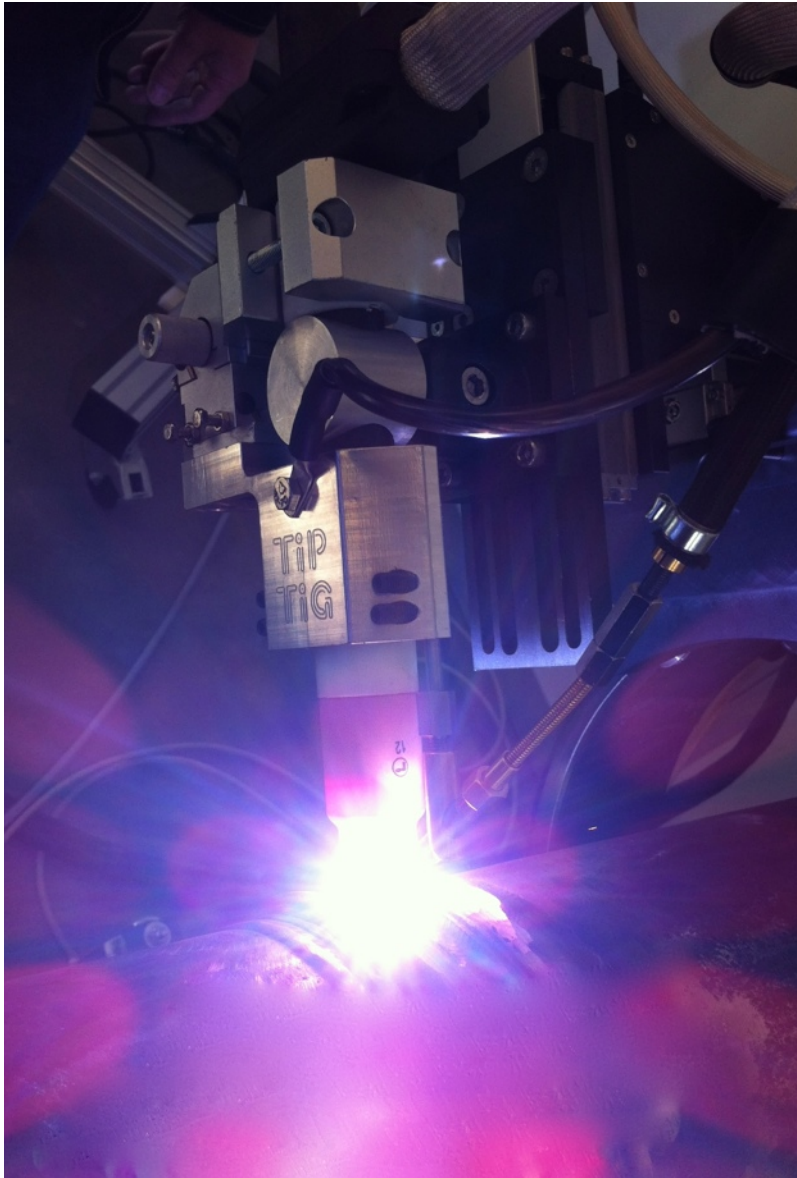
TiP TiG Orbital Tractor is a rugged, light weight precision TiG weld head for use with the TiP TiG HotWire Welding Process, suitable for all pipe sizes from 4" (100 mm) pipe up to an unlimited size, including flat plate.

It is primarily designed for field use in the nuclear, shipbuilding, petrochemical and construction industries where exceptional weld quality, high welding speeds and high deposition rates are a strict requirement.

The TiP TiG Orbital Tractor features rotation, automatic voltage control, automatic height setting, cross-seam steering and torch oscillation. It is available in many standard configurations, and can be retro-fitted or customized with numerous application-specific accessories to accommodate every need.

The TiP TiG Orbital tractor is just one part of this unique automated pipe welding system, other elements include Digital TiG Power Sources, 20 sector programmable PLC control, real time data logging, torch assemblies, precision guide rings and other options complete a system suitable for high-quality orbital pipe welding.





TiP TiG HotWire Orbital

Is the logical evolution of TiG into the automated Orbital TiG process, TiP TiG provides optimum weld heat control and produces TiG welds with the least oxidation, distortion and the smallest possible Heat Affected Zone on any welding application.

The TiP TiG agitated weld pool provides the potential to produce the lowest possible internal weld defects, reducing weld cracking, potential stresses and porosity.

Automated TiP TiG is typically 100 to 400% faster than many automated Hot or Cold wire applications.



TIP TiG HOTWIRE FEED SYSTEM

The HotWire Feed System applies the unique patented TiP TiG dynamic and HotWire current, filler wires of 0.8-1.2mm from standard 300mm euro spool.

Part Number; 10080010
Weight: 35kg's



TIP TiG 500i DC TiG POWER SOURCE

Easy to operate,ingenious and without compromise, a heavy duty 500 amp TiG power source with outstanding welding characteristics, impressive on a wide range of materials and applications.

Part Number: 10080090
Weight: 104 kg's



TIP TiG CONTROL BECKHOFF PLC

State of the art PLC control system offering total control over every aspects of the welding cycle and recording every parameter in real time.

Part Number: 1008007