

INDUCON WELDING METHOD

The smart solution for strong pipe connections

Contactless welding process for PE joints in induction-based plastic casing pipes

BRUGG
Pipes

Pioneers in Infrastructure



This new technology enables uninterrupted circumferential and homogeneous weld seams of the highest strength.

Proven technology for the highest demands

Experience high quality and reliability of INDUCON welding technology. In this process, the sealing point between the PE shrink casing joint and the plastic casing pipe is melted with pinpoint accuracy by inductive heating of a metal welding band.

The result is a high-strength and reliable weld seam that meets the highest demands. Our weld seams are homogeneous all around, absolutely tight and high-strength - ideal for challenging soil conditions such as groundwater or subsoil.

Innovation

With INDUCON welding technology, no additional electrical connections are required between the casing joint and the plastic casing pipe, unlike conventional electrofusion casing joints.

This prevents moisture from entering the interior of the pipe system via the cables.

The risk of short circuits in the heating coil is also completely eliminated.

All adhesive tapes and sealing sleeves are secured by a INDUCON welding band.

Patented hooking technology

The patented hooking technology of the INDUCON welding system ensures a secure and non-slip fit of the welding tape on the casing tube.

This technique eliminates the need for additional fasteners such as staples or nails, protecting the casing pipe from unnecessary damage.

This ensures easy and safe handling without having to compromise on the stability of the connection.





Highest quality for reliable product solutions with a long service life

Mobility and ease of use

INDUCON welding technology impresses with its lightweight and compact design, which enables easy transport to any construction site by just one person.

Handling is straightforward, and the operation of the welding system is simple and intuitive. The welding generator is operated with a standard power generator.

Constant quality and maximum safety

With INDUCON welding technology, you can always achieve the same high quality through an automatic welding process.

The welding generator automatically detects the correct induction coil. Each casing joint is pressure tested for leaks.

We offer regular training updates to ensure that every fitter can use INDUCON correctly. A standard certification to FW 603 or comparable standards is required. This ensures that the sleeve is always absolutely tight and secure.

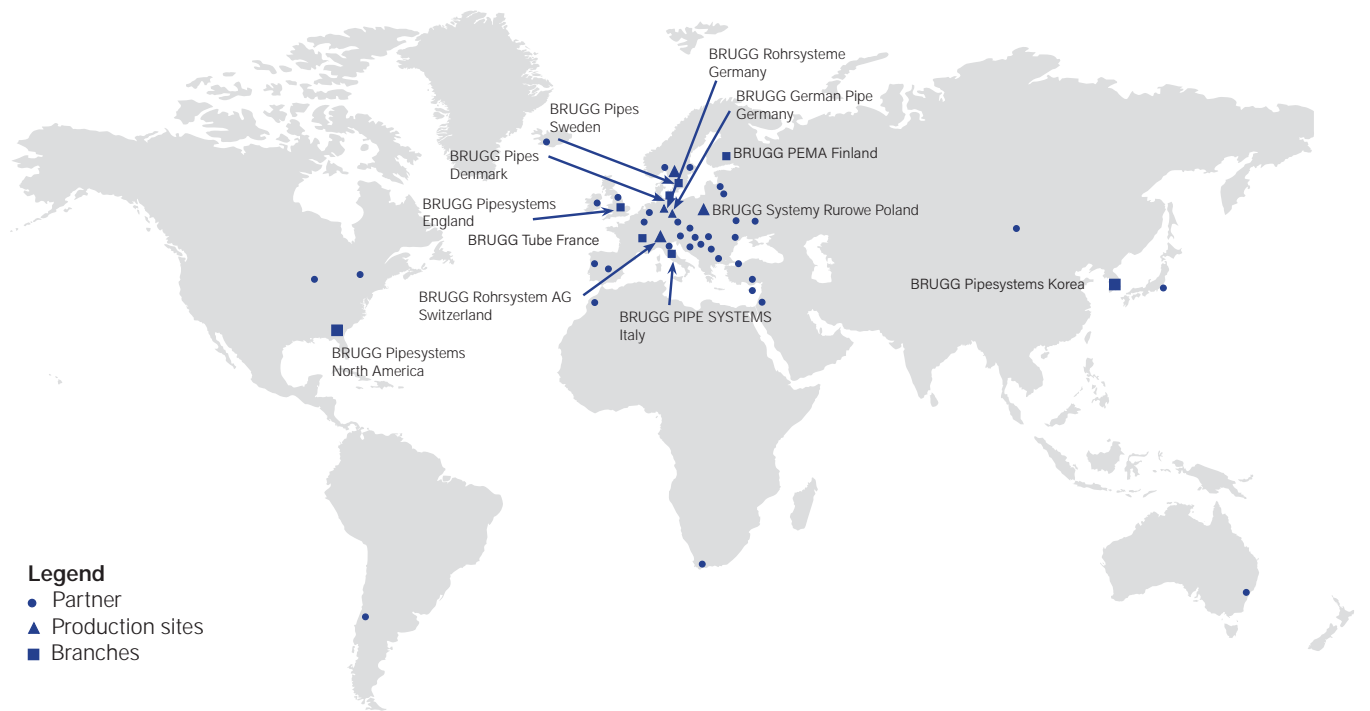
State-of-the-art technology for optimal support

The INDUCON welding generator is equipped with GPS (Global Positioning System) and GSM (Global System for Mobile Communication).

With the INDUCON WebApp, suitable welding equipment can be identified and located via a geomap, enabling better support in the event of malfunctions.

Updates can be carried out remotely and welding data for welding protocols can be read out online. This ensures clear and easy management of the welding equipment for the assembly manager.





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