

TECHNICAL DATA

DN200–1000

DIAMETER

up to 18 m

PIPE LENGTH

40 × D

MINIMUM BENDING RADIUS

< 2.5 %

OVALITY

± 0.2°

ANGLE ACCURACY

CERTIFIED QUALITY

Bending process FFI-tested to DIN
EN 253:2020-03

CONTACT

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We adapt the pipe to the trench.

With our patented internal bending technology, we bend pre-insulated plastic-jacketed pipes as well as uninsulated steel pipes with precision and without damaging the insulation. The mobile technology can be used both at our facility and directly on site, enabling straight pipes to be flexibly adapted to the actual pipeline route.



BENEFITS

- Reduction of welds and factory bends
- Time savings during pipeline installation
- Narrower pipe trenches possible
- Complex geometries possible: undercrossings, S-bends and 3D bends
- Deviations from the plan at the trench are immediately corrected

CAPABILITIES

- Detailed bend pipe planning – We adapt the pipe to the trench
- On-site or in-house bending
- Bending of high wall thicknesses and a wide range of steel grades
- Short straight ends

SELECTED REFERENCE PROJECTS

- EACOP** – Uganda & Tanzania
DN 600 · X60 · >1,000 pipes
Wall thicknesses up to 23.83 mm
- Hamburg** – Germany
DN 800 · >100 pipes
Challenging district heating route
- Grünwald** – Germany
DN 350 · >30 pipes
Bent directly at the trench
- Obrenovac** – Serbia
DN 1000 · >100 pipes
Bent on site
- Volketswil** – Switzerland
DN 300 · >70 pipes
Double bends · S-bends and 3D bends