



One-stop-shop – From pipe to ready-to install component – everything from a single source

Laser cutting

- Modern 2D and 3D tube laser systems
- Dimensions from Ø 19.0 to Ø 610.0 mm and wall thicknesses up to 12.0 mm
- Surfaces free from cutting spatter
- Tightest cutting tolerances and high degree of reproducibility
- 3-D contours directly on the pipe

Tube bending

- State-of-the-art fully electric bending cell
- Mandrel bending from Ø 19.0 to Ø 168.3 mm
- Bending radius min. 1 x D
- Free-form bending up to Ø 130.0 mm in several planes according to isometrics with bending radius min. 5 x D
- Bends with slim radii min. 3 x D up to Ø 323.9 mm

Joining/Welding

- Fully automated welding cell for series components with complex welding geometries
- TIG/MAG/Plasma welding processes
- Robot system combined with a rotary-tilt table system
- Completion of components by manual, semi-automated and fully automated welding processes

Forming/Calibrating

- Fully automated press systems
- Series production of cylindrical components
- Calibration to maintain the tightest tolerances
- Form modification by shrinking/compressing, expanding, beading, flaring, extruding, deep drawing

Mechanical processing

- On our own turning and milling centres
- Turning up to Ø 1,200 mm and 6 m in length
- Milling operations with work piece clamping up to 14 m

Testing options

- 3D measurement by means of a coordinate measuring system
- Water pressure/helium leak test
- X-ray/ultrasonic/crack testing
- Metallurgical and metallographic examinations in our own accredited test laboratory
- EN/ASME/PED approval

Logistics

- Coordinated stocking strategies
- Framework and call-off contracts
- Just-in-time and Kanban
- Load carrier management



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