



More than pipes – pipelines and special components – everything from a single source

The application of complex welding techniques, the processing of special alloys and the production of stainless steel pipes have always been our core competencies. In addition, we offer customer-optimised solutions for pipelines, vessels and special components made of nickel-based alloys, duplex and superduplex materials and clad materials.

By transferring the preparatory assembly work to our production plant and directly processing your products, we optimise the product quality, reduce your costs and provide you with products that are ready-to-lay or ready-to-fit, at reasonable prices.



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BUTTING



Prefabricated pipes



Flare tip



From pipes and piping components to vessels and apparatuses in accordance with isometries

Materials

- Clad steels such as carbon or carbon-manganese steels in accordance with ISO, DNV or API clad with e.g. 1.4404, 1.4539, 2.4858, 2.4856
- Highly corrosion resisting steels such as 2.4605, 2.4610, 2.4633, 2.4819
- Austenitic-ferritic steels such as 1.4410, 1.4462, LDX2101®, AL2003TM
- Heat-resistant steels such as 1.4828, 1.4841, 1.4876, 1.4878
- Titanium, titanium alloys and non-magnetic steels such as 3.7035, 3.7105, 1.3964
- Austenitic steels such as 1.4307, 1.4541, 1.4571, 1.4539

Surfaces

- Full bath and spray pickling
- Glass bead blasting and shot peening
- Raumatic surface finishing
- Grinding

Welding method

- Electron beam welding
- Plasma welding
- Manual MAG / TIG welding
- Orbital TIG / automated TIG welding
- Automated hot-wire TIG welding

WPS/WPQ qualified in accordance with ASME or EN



Heat exchange reformer



Double-pipe system



Steam reformer pipes



Racks ready for installation / assembly

Metal cutting and separation processes

- Turning from Ø 1200 mm up to 6 m in length
- Milling up to L 14 m/H 3.2 m/D 1.5 m
- 5-axis CNC simultaneous milling
- Laser cutting
- Plasma cutting
- Water jet cutting

Non-destructive tests in accordance with EN and ASME requirements

- Pressure test
- Dye-penetrant inspection
- Magnetic particle inspection
- 3D dimensional inspection
- PMI

- Film X-ray, digital X-ray, X-ray view
- Ultrasonic inspection
- Visual inspection

General approvals

- DIN EN ISO 9001, 14001, 18001
- DIN EN ISO 50001:2011
- DIN EN ISO 3834-2
- AD 2000 W0 / HP0
- ASME Boiler and Pressure Vessel Code
- DGRL/PED 2014/68/EU
- EXC3 in accordance with EN 1090-2
- KTA 1408.3/KTA 1401
- Laboratory accreditation in accordance with DIN EN ISO/IEC 17025





Condensate manifold



Wall bushing for nuclear fusion reactor



Vessels



Shipping by road, rail and water

Customer-specific approvals

- ADCO/ADGAS
- ADMA OPCO
- AGIP KCO
- Aramco Overseas Company B. V.
- BASF
- GASCO/TAKREER, and many more

Sectors

- Chemical industry
- Power engineering
- Nuclear technology
- Oil and gas industry
- Petrochemical industry
- Shipbuilding technology, and many more

Your added value and benefits

- Approved internal welding technology with welding engineers
- Detailed planning with 3D models, isometries and structural calculations as a preliminary test
- Customer-related project documentation
- Accredited laboratory/material inspections
- Logistically optimal services for international shipment
- Fast primary material availability through in-house pipe manufacture
- Forming capabilities up to a wall thickness of 80 mm

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