



BUTTING Plant construction in Knesebeck

Quality work from our headquarters

The use of complex welding techniques, the processing of special alloys and the production of longitudinally welded stainless steel pipes have always been our core competences.

We also offer you optimised solutions for pipelines, vessels and special components made of stainless steels, nickel-based alloys, duplex and superduplex, as well as clad materials.

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



BUTTING



Materials

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

Welding process

- Electron beam welding
- Plasma welding
- MAG/TWIG welding
- TIG orbital/TIG automated
- Automated TIG hot wire
- WPS/WPQ qualified according to ASME or EN

Machining and cutting processes

- Turning up to Ø 1,200 mm up to 6 m in length
- Milling up to L 14 m / H 3.2 m / D 1.5 m
- CNC 5-axis simultaneous milling
- Laser cutting
- Plasma cutting
- Water jet cutting

Surfaces

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

Non-destructive testing in accordance with EN and ASME requirements

- Pressure test
- Dye-penetrant testing
- Magnetic particle testing
- 3D dimensional inspection
- PMI
- Film X-ray, digital X-ray, X-ray view
- Ultrasonic testing
- 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 according to EN 1090-2
- KTA 1408.3/KTA 1401
- Laboratory accreditation DIN EN ISO/IEC 17025

Customised approvals

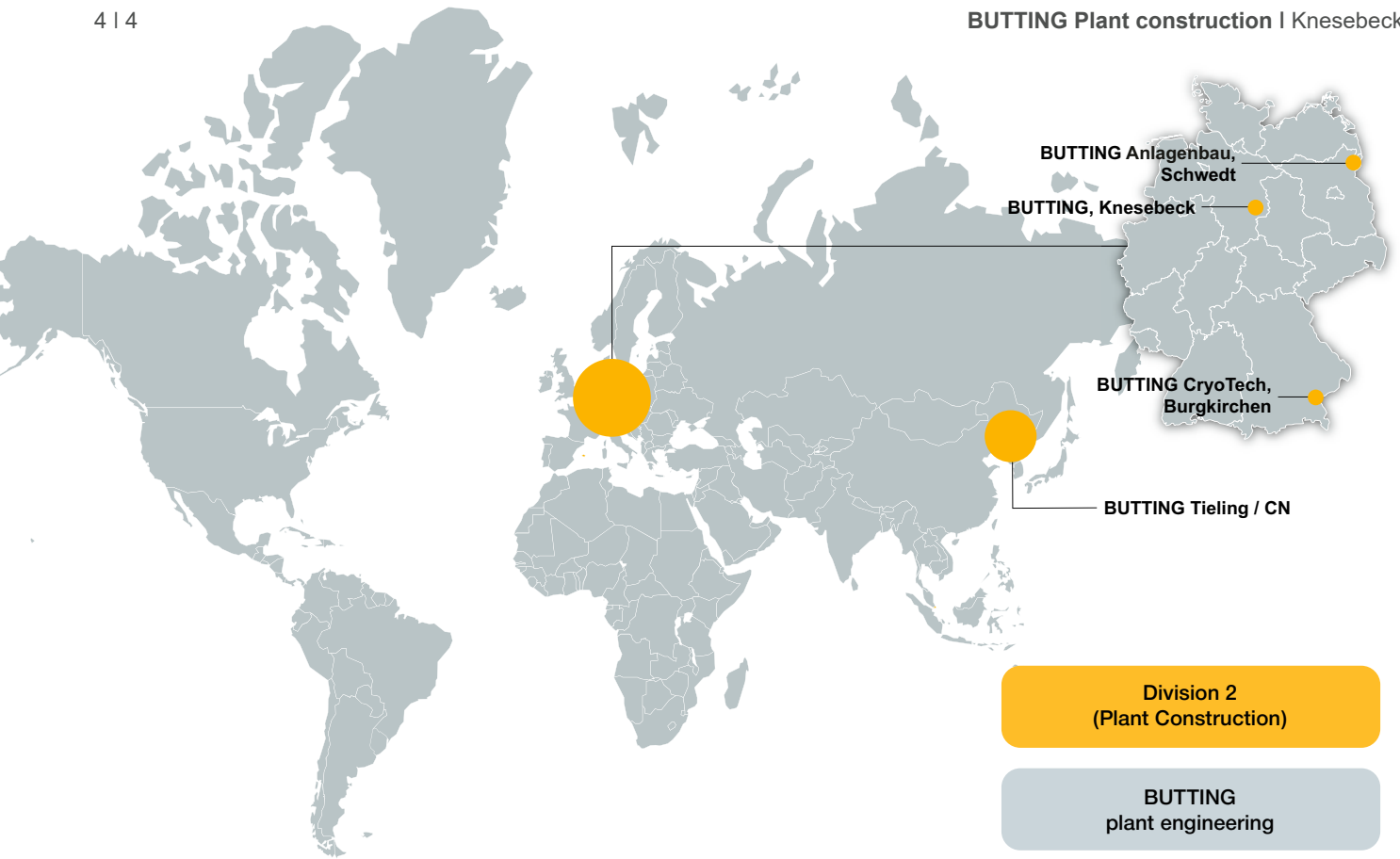
- ADCO/ADGAS
- ADMA OPCO
- AGIP KCO
- Aramco Overseas Company B. V.
- BASF
- GASCO/TAKREER, and much more

Industries

- Chemical industry
- Power engineering
- Nuclear technology
- Oil and gas industry
- Petrochemical industry
- Shipbuildings technology, and much more

Your added value and benefits

- Authorised in-house welding technology with welding engineers
- Detailed planning with 3D models, isometrics and structural calculations as a preliminary check
- Customised project documentation
- Accredited laboratory/material analyses
- Logistically optimised services for international shipping
- Fast availability of primary material thanks to in-house pipe production
- Forming options up to 80 mm wall thickness



Division 2
(Plant Construction)

BUTTING
plant engineering

BUTTING CryoTech

Textoris

AMU

BUTTING in China

BUTTING in Canada

GE03 Spools & plant construction
BUTTING in Knesebeck

BUTTING Plant construction

Plant construction has been an essential part of BUTTING for more than 245 years, and is important for the success of the family-owned company. Within the BUTTING Group, several locations are successfully active in Plant construction in different segments.

BUTTING is located worldwide in:

- Knesebeck (Germany)
- Schwedt (Germany)
- Burgkirchen (Germany)
- Tieling (China)

Our aim is to realise the solution for your customer requirements at the location within the BUTTING Group that suits you best.

The plant construction division is designed in such a way that we can benefit from a quality leader in absolute customised plant engineering with special material applications. Therefore, the company is able

to cover all customer expectations, from the depth of processing through, for example, machining and special approvals, to cost leadership in classic pipeline and tank construction, including assembly. This range of services is complemented by a production site in Tieling in northeast China, which is managed according to BUTTING values and standards.

BUTTING CryoTech in Burgkirchen serves the niche in the division by manufacturing couplings, valves, VIPs and complete skids for cryogenic applications in the gases sector.

BUTTING

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