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Dear customers,  
dear readers,

Successful companies have successful partners, both in terms of customers and of suppliers. So let us convince you that we are the right partner for you!

The name of BUTTING today stands – as it has for more than 235 years – for “Progress by Tradition”, for our customers and staff in this generation and the next. The courage and painstaking hard work of my ancestors helped to shape the development of metal processing and thus laid the foundations of our successful company history.

Our corporate philosophy is expressed in the way we view ourselves. It shows the picture of how we as BUTTING see ourselves and how we want things to be in the future. The focus is on the customer, and what you require from us.

We want to remain a reliable partner for you, our valued customers. Your satisfaction and your economic success will also safeguard the future of the BUTTING Group.

With the innovatory power and top quality performance of all our staff, we will thus be able to hand over a healthy company to the next generation.

I would like to invite you to get to know us and convince yourself of how efficient we are.

Hermann Butting

BUTTING Group
BUTTING was founded in 1777 in Crossen on the Oder as a coppersmith’s. Over the centuries, this German craftsman’s company developed within seven generations of the family into the BUTTING Group.

Today we are one of the world’s leading producers of:
- Corrosion resistant pipes
- Clad pipes
- Special pipes and components ready for installation
- Spools and welded components
- Vessels, tanks and columns

BUTTING is a company with tradition and history, with a solid foundation in the past and plenty of potential to shape the present actively and to plan the future.

In this, values such as respect, trust and reliability play a dominant role. To this very day, we feel under an obligation to these values. The relationships to our customers, suppliers, cooperation partners and employees that grow out of this enable creative work as good partners. Thus it is possible for us to accept responsibility for our daily activities and to make a lasting contribution to increased quality of life.

“A family business”

“A family business”

We are an independent family business managed by the seventh generation of the BUTTING family.

Our aim is to hand over a healthy company to the next generation!

“Good relationships to people – in the family, to staff, customers and suppliers”, Hanns Butting (middle, at the front) in 1955

Hermann Butting and his father, Dr. Hanns Hermann Butting
A family of employees

We are a well-trained, international family of employees and we understand ourselves as people who learn something new every day.

We owe our innovative strength and ability to find solutions to many years of experience and teamwork, as well as to new ideas and unique personalities!

Our team: know-how from tradition and passion

The combination of craftsmanship skills, computer-assisted technologies and progressive production processes is necessary in order to be able to manufacture demanding products in line with state-of-the-art technology. The basis – which no technological developments can replace – is provided by the special know-how of the BUTTING staff and their passion for metal processing.

They enable everyone in the BUTTING team to bring their talents and ideas to the table in the long term.

Every year, we offer 40 apprentices in Germany alone an entry into this community. Our understanding of social cohesion and loyalty is having an effect. Thus the children and grandchildren of many employees work at BUTTING: useful work for generations!

Respect, creativity, personal initiative and willingness to provide a service influence our corporate philosophy.
Milestones in our history

1777 BUTTING founded in Crossen on the Oder as a coppersmith's

1945 Escape to Knesebeck and later reconstruction of the BUTTING company at its current location

1958 Stainless steel replaces copper as raw material: BUTTING already employs 120 staff at Knesebeck

1979 For the first time, BUTTING produces longitudinally welded pipes and shaped parts from duplex

1987 Start of the production of longitudinally welded pipes from metallurgically clad steel plates for renowned customers in the oil and gas industry

1991 Dr. Hannshermann Butting founds the first affiliated company: BUTTING Anlagenbau in Schwedt/Oder
Tradition is the root from which our progress springs.

The Brothers Grimm
BUTTING – worldwide near you

Pipelines for a refinery in Saudi-Arabia, vessels for a pulp mill in Uruguay or components ready for installation for a silicon plant in China. BUTTING and its products are wherever you are – where you want to take advantage of our problem-solving, specialist skills.

With different production locations, supplemented by sales offices and trading partners, the BUTTING Group network is there to support you. Every location has its special strengths and brings you location-specific benefits: fulfilment of local content requirements, communication in the same time zone or standards appropriate to the market – always in the customary BUTTING quality!

A powerful, global network
We create a powerful network with worldwide cooperation partners and through global market presence with BUTTING companies.
BUTTING in Knesebeck today:
Progress by Tradition – for our customers and employees in this and the next generation

BUTTING Anlagenbau: in 2016 we celebrate our 25th production anniversary in Schwedt
Product solutions

Our skills lie in forming, welding and materials technology and in quality assurance. The continuous development of new products and processes and ongoing improvement of existing methods have a long tradition at BUTTING. We are the partner for you when innovative solution approaches are required in processing stainless steels.

You can find BUTTING solutions in a very wide variety of sectors, including:

- Plant and equipment construction
- Drilling and well construction technology
- Chemical industry
- Energy and environmental technology
- Food industry
- Oil and gas industry
- Paper and pulp industry
- Pharmaceutical and biochemical industries
- Pump technology
- Water and pneumatic conveying technology

Top performance
A top performance is our inspiration!

We are strong in the sectors of materials and welding technology, manufacturing technology, machining and quality assurance as well as the handling of major projects and we invest continuously in a successful future.
The focus of our business activity lies in the processing of stainless steels, in particular special steels and clad materials, into “tailor-made product solutions”

All-round competence

Corrosion resistant pipes
Since stainless steel made its entry into the industry, we have been offering longitudinally welded pipes in sizes from 18 to 3,000 mm with wall thicknesses of up to 70 mm.

Spools and welded components
In an ideal case, welds on site can be reduced by more than 80% through the prefabrication of pipelines in our works. Your benefit: efficient logistics and project management, as well as project specific quality and optimised solutions. We produce sophisticated welding constructions in more than 85 different material grades inclusive of machining and customized quality assurance.

Clad pipes and line pipes
Our line pipes and riser pipes fulfill highest requirements as to corrosion resistance, strength and cost effectiveness. Make use of the benefits of corrosion resistant pipes or our cost effective alternatives: the mechanically lined BuBi® pipe or the metallurgically clad pipe.

Special pipes and components ready for installation
For you we produce special pipes with tight tolerances on form and position and special surface conditions. Together with you, we develop individual solutions for structural components ready for installation. For these purposes we have a production center with 3D laser and forming facilities, as well as CNC turning and cutting technology.

Vessels, tanks and columns
At BUTTING vessels with a height of up to 16 m and a diameter of up to 6 m are constructed in one part, larger dimensions are produced in segmented parts.

Assemblies
The assembly of pipelines and vessels is a responsible task. BUTTING guarantees their customers a professional handling of all materials, experienced staff in logistics and site management, as well as timely completion of the installation work.
Guará & Lula

Metallurgically clad pipes for highest strain of interaction

Since their introduction on the market more than 650 km of mechanically lined BuBi® pipes have been supplied

Guará & Lula, pre-salt oilfields offshore Brazil

<table>
<thead>
<tr>
<th>Customer</th>
<th>Subsea 7 for Petrobras</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sector</td>
<td>Oil &amp; gas industry</td>
</tr>
<tr>
<td>Scope of delivery</td>
<td>75 km of mechanically lined BuBi® pipes and 9 km of metallurgically clad pipes</td>
</tr>
<tr>
<td>Dimensions</td>
<td>ID 165 x (14.3 + 3) mm</td>
</tr>
<tr>
<td></td>
<td>ID 205.2 x (14.3 + 3) mm</td>
</tr>
<tr>
<td>Special features</td>
<td>Installation of mechanically lined pipes, using the reel-lay method Due to high weld qualities and compliance with tightest tolerances of the pipe ends, the use of the pipes as riser pipes was confirmed by the ECA analysis (Engineering Criticality Assessment)</td>
</tr>
</tbody>
</table>
With 818 m the Burj Dubai is currently the highest building in the world. BUTTING has supplied special pipes for this prestigious tower. Further to their decorative function the facade pipes have to comply with load-related requirements: over all its floors the tower is equipped with a device for maintenance and cleaning of the facade. The BUTTING pipes serve rails for this device.

<table>
<thead>
<tr>
<th>Burj Dubai, high-rise building with 189 floors</th>
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<tbody>
<tr>
<td>Customer</td>
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<td>Sector</td>
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<td>Scope of delivery</td>
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<tr>
<td>Dimensions</td>
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<td></td>
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<tr>
<td></td>
</tr>
<tr>
<td>Material</td>
</tr>
<tr>
<td>Special features</td>
</tr>
</tbody>
</table>

All pipes received a special surface grinding

Dry storage: pipes for the Burj Dubai ready for shipment before loading
Pulp mill in Uruguay

Delivery of vessels and pipelines with a total weight of more than 3,500 t to the Rio Uruguay

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<tr>
<th>Pulp mill in Fray Bentos, Uruguay</th>
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<tr>
<td>Customer</td>
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<tr>
<td>Sector</td>
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<tr>
<td>Scope of delivery</td>
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<tr>
<td></td>
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<tr>
<td></td>
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<tr>
<td>Volume of order</td>
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<tr>
<td>Special features</td>
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The CERN Research Institute

Beam screen pipe: particles will be accelerated in the perforated copper-clad stainless steel pipe.

The superconductive magnet is coated by LHC half shells, encasing both beam screen pipes.

<table>
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<tr>
<th>The largest particle accelerator of all time</th>
</tr>
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<tbody>
<tr>
<td><strong>Customer</strong></td>
</tr>
<tr>
<td><strong>Sector</strong></td>
</tr>
</tbody>
</table>
| **Scope of delivery** | Approx. 50 000 beam screen pipes
43 500 LHC half shells |
| **Dimensions** | Beam screen pipes: 48.5 x 38.9 x 1.000/0.075 mm,
five additional special dimensions with
wall thicknesses of 0.600/0.075 mm
LHC half shells: inner diameter 550 mm
Wall thickness 10.1 mm (+ 0.9/– 0 mm) |
| **Material** | Special material Böhler P506
Inner cladding of the pipes with copper (OFE-Cu)
Half shells made of AISI 316L |
| **Special features** | Processing of base material on a fully automatic production line specially modified for this project
Highest purity demands
Follow-up order received for spare pipes |
BUTTING quality management

Every day, BUTTING again meets the highest quality demands from its customers. Reliability, flexibility and readiness to provide a service are the solid foundations of our work.

The quality management system at BUTTING is certified under DIN EN ISO 9001 by DNV-GL. In addition, we have a number of other approvals from classification companies and supervisory authorities.

As an internationally active company, we process more than 80,000 t of corrosion resistant steels and clad materials a year. Our products, produced at the highest level, are used in a number of industrial sectors.

In the process, we focus on:
- Your quality requirements
- The longevity of your products
- Your long-term cost benefits
- And your success

BUTTING fans

We are well known for quality and reliability.

We assume responsibility for our work – as well as for our mistakes.

Our customers will be delighted with the service we render!
Sense and quality of life
We support the success of our clients and with our corrosion resistant products we support sustainability and quality of life worldwide.

With our economic success we assure our future as an independent family business and contribute substantially to the living standard of our employees and their families.

Social responsibility
As an owner-managed company, BUTTING works hard for the different regions where it is located, and for coming generations. For us, taking on social responsibilities means giving back to people what has been given to us. BUTTING staff therefore set up the BUTTING development fund back in 1990. It supports individuals and institutions in difficult times. Furthermore, the BUTTING Akademie work includes assisting children and youth work in the region.
The conduct of a good partner, based on reliability, problem-solving skills and quality awareness form the basis of our lasting collaboration with customers, suppliers and staff. Treating one another fairly is just as important for us as accepting responsibility for our daily activities and our product quality.

We place particular emphasis on an open and honest dialogue. In addition, collaborating as partners is the basis of our joint success. Impressive examples include a number of product developments and innovations with our customers, such as the innovative BUTTING bi-metal pipes (BuBi® pipes) suitable for the reeling process with Subsea 7 or the double-walled pipe for refineries with Haldor Topsoe.

A valuable cooperation
We represent the values of our “House of Cooperation”:
- Esteem
- Performance
- Honesty
- Openness
- Reliability
- Courage
in order to make our cooperation successful and joyful!
The environment and health and safety

As a globally active processor of corrosion resistant steels, we give a very good example in the areas of safety at work, environmental protection and occupational health. We put every effort into avoiding injuries, accidents or work-related illnesses and are constantly working to actively reduce the risks at our locations.

Sustainable commitment, in our opinion, means protecting the environment. Statutory requirements and environmental standards are for us minimum standards. They shape the environmental guidelines at BUTTING.
PROGRESS BY TRADITION

Spezialrohre und angearbeitete Rohre

Korrosionsbeständige Rohre und Fittings

Spezialrohre und angearbeitete Rohre

Plattierte Rohre

Einbaufertige Komponenten und Rohrleitungen

Behälter, Tanks und Kolonnen

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