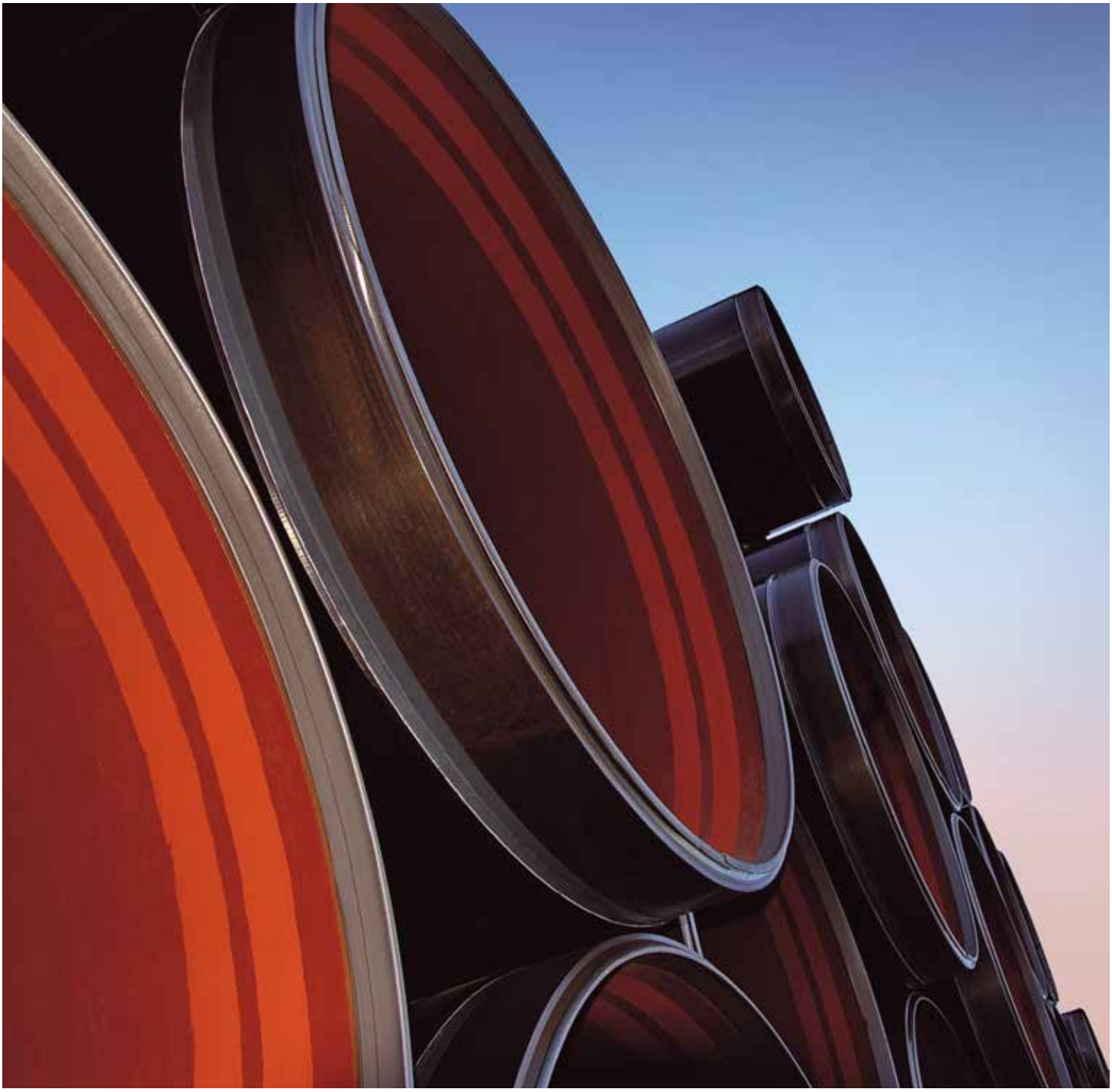


Portrait

EUROPIPE

38 DEGREES BELOW ZERO

Bitter arctic cold, your breath freezes as soon as it hits the air. Touch the ice-cold steel with your bare hand and it sticks like glue. It is a battle against time and the elements. Here, no one is interested in the business visions and mission statements of a pipe manufacturer. At 38 degrees Celsius below zero, engineers have no time for philosophy.

There is only one thing that matters: precision-bevelled, perfectly parallel pipe ends with equal diameters. So that the next kilometre can be laid as quickly as the last. Over the years, the EUROPIPE Group and its predecessor companies have produced over 30 million tonnes of large-diameter pipe, enough to circle the earth twice. More than anything, this success is down to pragmatism. We give our customers a concrete commitment: to deliver perfect pipe every time. And do everything in our power to help them achieve their ends. At literally any place on earth.

CENTURIES OF EXPERIENCE

The EUROPIPE Group was formed in 1991 by merging the large-diameter pipe activities of Dillinger Hütte and Mannesmannröhren-Werke. Both companies have a long history, stretching back hundreds of years.

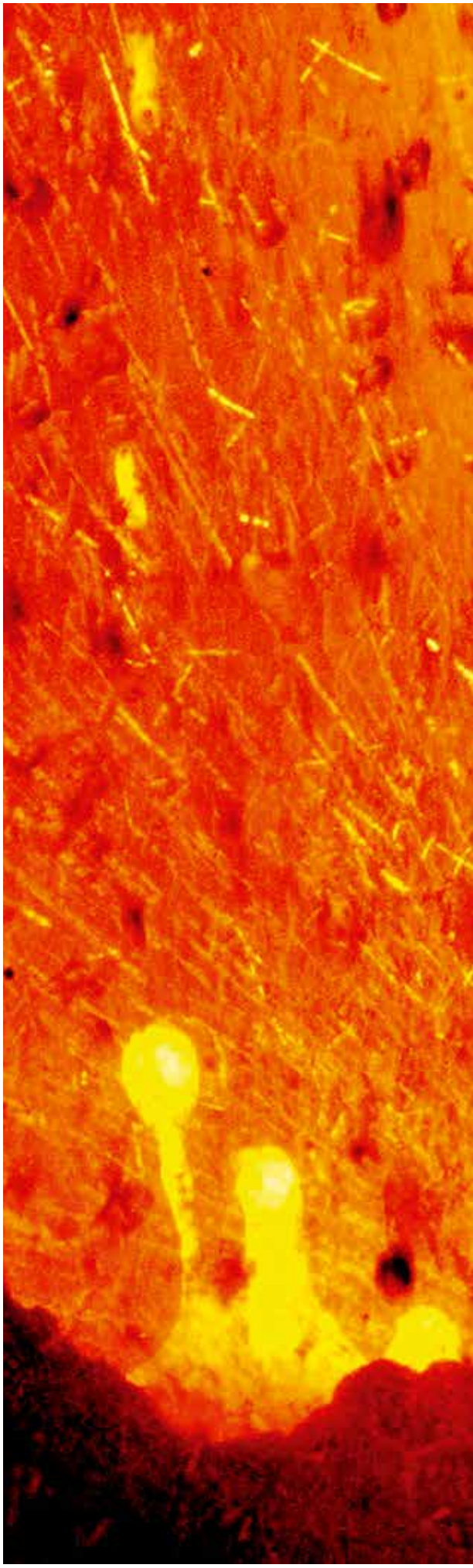
In 1685, the French ruler Louis XIV, the Sun King, gave permission for a steel mill to be built in Dillingen. In 1804, engineers of Dillinger Hütte rolled the first steel plate on the European continent. Five years later the company was converted into the first joint-stock corporation in Germany.

The mid-19th century marked the birth of our pipe manufacturing activities. In 1845, a company which later becomes part of Mannesmannröhren-Werke produces continental Europe's first welded steel pipe. In the late 1880's, the Mannesmann brothers succeeded in manufacturing seamless steel pipes just by rolling.

These seamless pipes were used ten years later in the world's first pipeline, in the then oil-centre of the world, the Caucasus. Mannesmann supplied the pipes for the Baku-Batumi pipeline as well. It was the first long-distance pipeline in the world and, at more than 800 km, for decades the longest pipeline in existence. At about the same time, Mannesmann delivered pipes for the first Japanese oil pipeline.

The turn of the 20th century likewise marked technological landmarks for Dillinger Hütte, as in 1897, the first electric-powered sheet rolling mill in Europe was set up.

Innovations in steel technology continued throughout the 20th century. In 1961 Dillinger Hütte introduced the world's first continuous slab caster, while in 1970 Mannesmann became the first company to rely exclusively on continuous casting in the production of steel for large-diameter pipe. To this day, Mannesmann is the strongest brand in the steel pipe industry.



Historic pictures on page 7:

Top: The Dillingen mill becomes Germany's first joint-stock corporation in 1809.

Middle: Laying of seamless socket pipes in Tokyo around 1908. (Photo kindly provided by Salzgitter AG – Konzernarchiv)

Bottom: Transport of a structural tube in June 1970 for one of the pylons of the Olympic Stadium in Munich, Germany. (Photo kindly provided by Salzgitter AG – Konzernarchiv)

Gesellschaft
der Kupfer- Schmeid- und Weiß-Blech Fabrik
zu Dillingen,

errichtet durch Vertrag vom ersten März achtzehn hundert und achtzehn, und genehmigt durch die allerhöchste Cabinet Ordre Sr. Königlichen Majestät vom sieben und zwanzigsten Juni achtzehn hundert und achtzehn.

Nro 1 — Actie von F. 100 —

Herren Gebr. Stumm

Ist in der anonymen Gesellschaft der Kupfer- Schmeid- und Weiß-Blech Fabrik zu Dillingen für ein Hundert Thaler interessirt, für welchen Antheil die Summe von Einhundert Thalern am ersten März achtzehn hundert achtzehn bezahlt worden ist, und wovon, nach §. 18. des Gesellschafts-Vertrages die Zinsen zu jährlichen halben vom Hundert am ersten Januar und ersten Juli eines jeden

STRUCTURAL STABILITY

In 1991, these two steel industry pioneers – Aktien-Gesellschaft der Dillinger Hüttenwerke and Mannesmannröhren-Werke AG – decide to pool their experience and know-how and create EUROPIPE.

Our rich heritage in terms of steel technology and manufacturing expertise plus the dedication and hard work of our people enabled us to achieve some very demanding objectives.

Today we are the world-market leader in large-diameter pipe production for the oil and gas sector and have the most extensive manufacturing footprint in our industry. With four mills in Europe and the USA, producing annually over 3,000 kilometres of large-diameter pipe for pipeline projects throughout the world: onshore and offshore, in the arctic ice, the depths of the world's oceans and in the desert heat.
Our ancestors would be proud of us.

SHAREHOLDERS

Dillinger Hütte Saarstahl AG
Dillingen
95.27 %

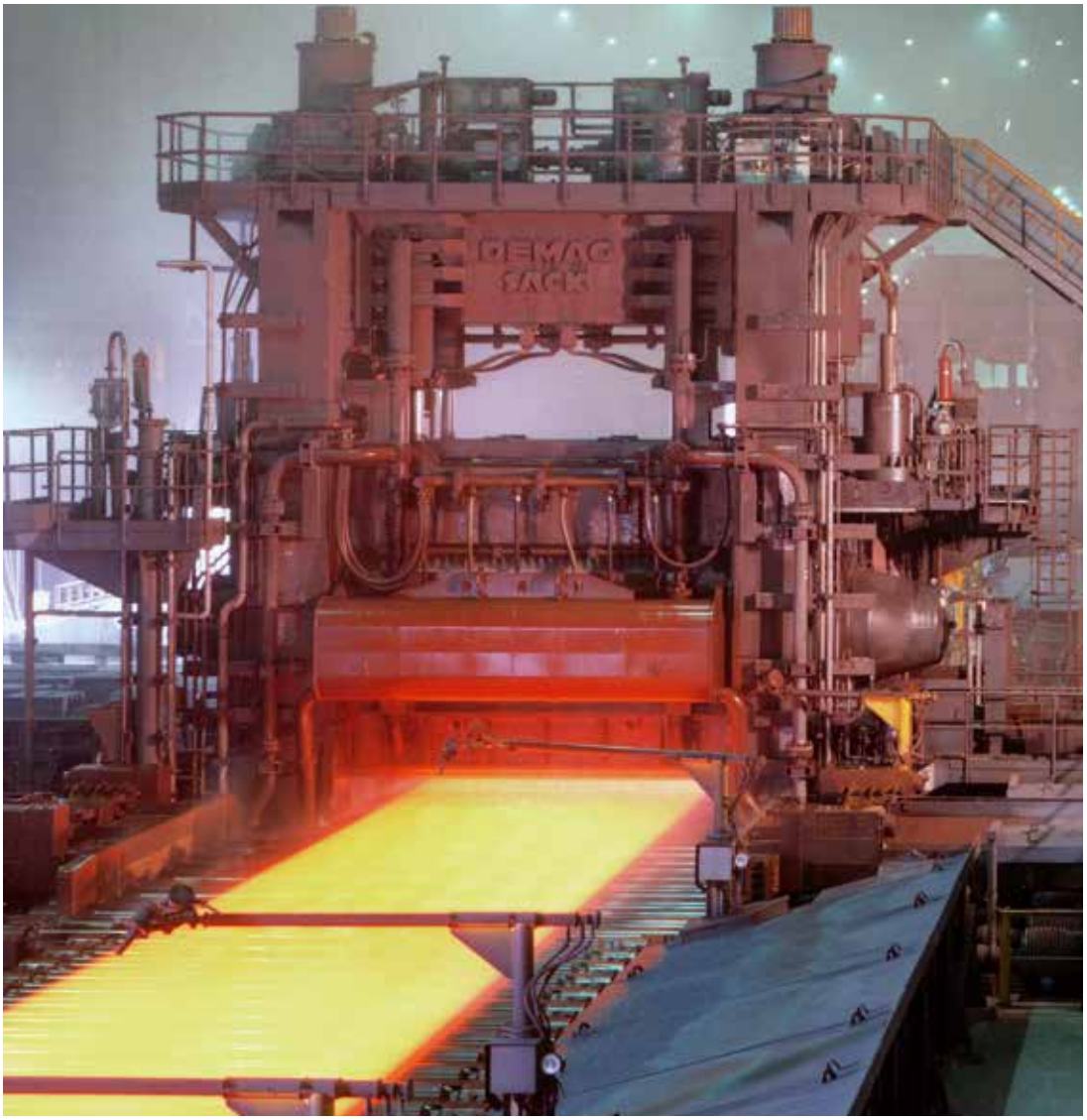
Minority
Shareholders
4.73 %

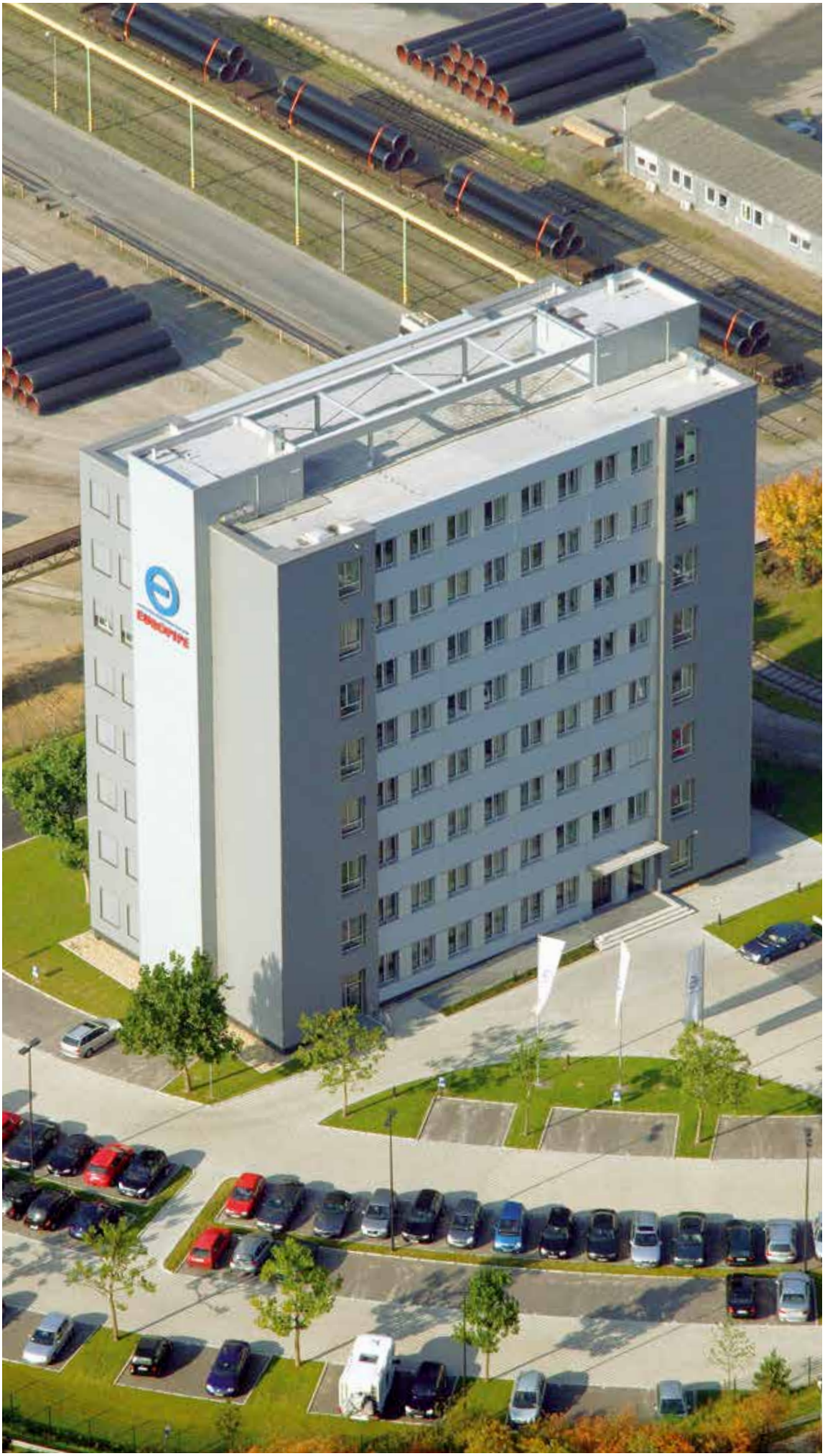
Salzgitter AG
Salzgitter
100 %

Aktien-Gesellschaft der Dillinger Hüttenwerke
Dillingen
50 %

Salzgitter Mannesmann GmbH
Salzgitter
50 %

EUROPIPE GmbH
Mülheim an der Ruhr, GERMANY





MILESTONES


EUROPIPE
2008
BSPM spiral pipe mill in Mobile/AL, USA, starts production
2006
Focus on core business. Sale of all subsidiaries of MÜLHEIM PIPECOATINGS GmbH (formerly EUPEC PipeCoatings GmbH)
2005
EUROPIPE GmbH moves to Mülheim an der Ruhr
2004
EUROPIPE takes full ownership of EUPEC PipeCoatings
2003
Closure of the business unit Jœuf
2001
BSPC takes full ownership of eb Pipe Coating
2000
Salzgitter AG acquires Mannesmannröhren-Werke AG from Mannesmann AG
1996
Extension of the manufacturing programme to include ODs up to 112"
1994
Start-up of the 12 m line after transfer from Herne to the Mülheim mill
EUROPIPE decides to set up the Jœuf business unit for water supply and sewer line pipe
1993
Shutdown of the Belleville and Herne pipe mills
1992
Acquisition of Berg Steel Pipe Corp., USA
1991
Formation of EUROPIPE by USINOR SACILOR and Mannesmann, with large-diameter pipe mills at Belleville, Dunkerque, Jœuf, Dillingen, Herne, Mülheim an der Ruhr, and Dillingen pipe mills on stand-by
Bergrohr Herne
with mills in Herne and Dillingen
Back to 1912 through G.Kuntze
GTS Industries
with mills in Belleville, Jœuf, and Dunkerque
Back to 1930 through Sacilor, PTE, Vallourec, de Wendel and Pont-à-Mousson
Mannesmannröhren-Werke
with mills in Mülheim
Back to 1882 through Thyssen-Röhrenwerke, Phoenix-Rheinrohr, Mannesmann-Hoesch, Deutsche Röhrenwerke and Schulz-Knaudt

QUALITY
TO THE POWER OF FOUR

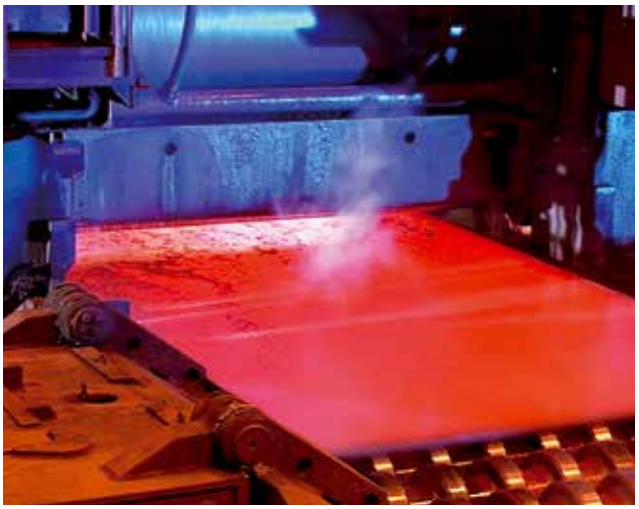
Four partners, one network. Not only have we linked steel making, plate rolling, pipe production and coating into one integrated process. We also make sure it stays in the family.

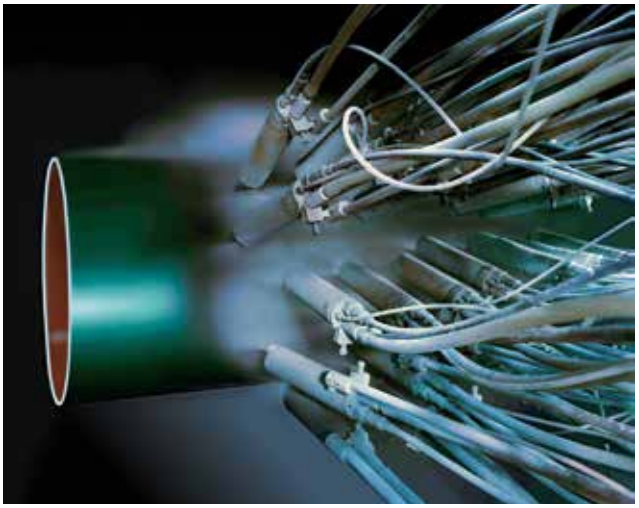
The steel used by EUROPIPE is produced in the steel plants of our shareholders, Aktien-Gesellschaft der Dillinger Hüttenwerke and Salzgitter AG. This is where the groundwork is laid for the properties demanded of our large-diameter pipes: strength, toughness and weldability under harsh on-site conditions. In a multi-stage thermo-mechanical forming process, high-strength, low-alloy steel with low carbon contents is rolled into plate. The steel plate delivered is always tailored to given project specifications.

EUROPIPE, the third power in the network has, as EUROPIPE Group, a total of four pipe mills, each using the latest technology to produce high-quality large-diameter pipe: Our European mills are located in Dunkerque/France and in Mülheim an der Ruhr /Germany. The North American mills are based in Panama City/FL, USA (Berg Steel Pipe Corp./BSPC) and Mobile/AL, USA (Berg Spiral Pipe Corp./BSPM). From these four locations we deliver a broad array of products to customers right across the globe.

The fourth cornerstone of this quality network is the coating expertise of our subsidiaries MÜLHEIM PIPECOATINGS GmbH in Mülheim an der Ruhr/Germany and eb Pipe Coating Inc., Panama City/FL, USA. At all our local mills, coating facilities are nearby. They carry on a tradition of excellence in corrosion protection that dates back more than a quarter of a century and provide our pipes with all kinds of organic coatings and linings. Over the years we have developed a wide variety of coating systems to ensure our products can withstand the toughest of tests – onshore or offshore.

All these companies work closely together in one integrated network to fulfil the commitment we have been giving our customers for years: quality to the power of four.





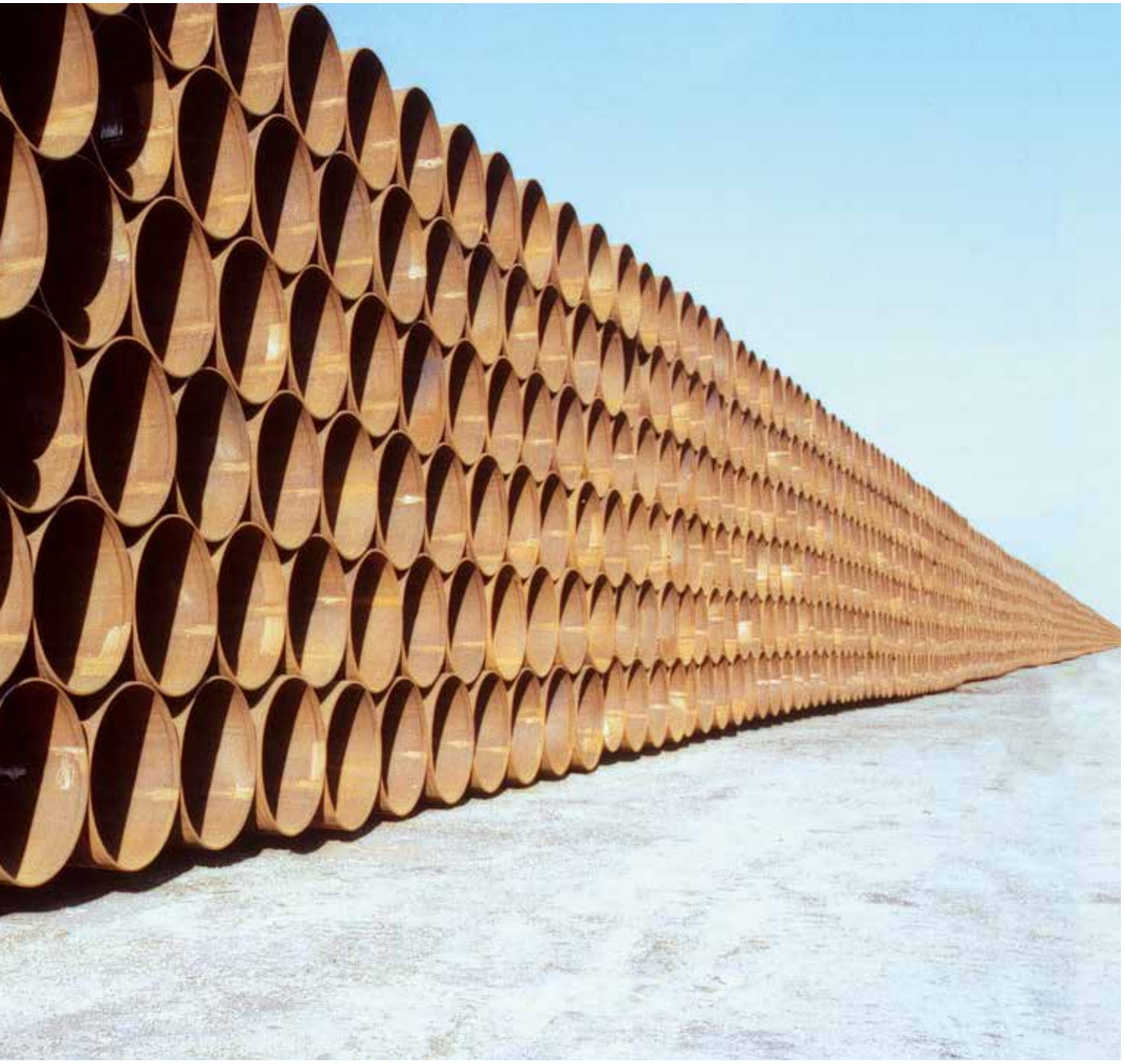
Pipe dimensions

EUROPIPE supplies longitudinally welded line pipe in diameters ranging from 508 to 1,524 mm (20" to 60") and wall thicknesses from 7 to 45 mm (0.276" to 1.770") and in lengths of up to 18.3 metres (60 ft).

Berg Spiral Pipe supplies helically welded line pipe in diameters ranging from 610 to 1,422 mm (24" to 56") and wall thicknesses from 8 to 20 mm (0.315" to 0.787") in lengths of up to 24.4 metres (80 ft).

All companies of the EUROPIPE group are certified according to ISO 9001.

CAPABLE OF MORE



The key to success in the large-diameter pipe industry is world-class manufacturing on a quantitative and qualitative level. Big in this sense is not only beautiful but the precondition for the ability to service many large projects at the same time. With a combined capacity of more than 2.5 million metric tonnes per year, we have by far the largest manufacturing facilities in our industry.

Quantity is obviously nothing without quality. The ability to convert steel plates into perfectly round pipes hundreds of times each day, requires best-in-class quality in every aspect of the manufacturing process. This includes the constant adjustment of the processes to changing customer requirements. A case in point for this is the new crimping press in our German mill in Mülheim an der Ruhr. As wall thicknesses of pipes and demands on the pipe geometry are increasing, the requirements for this production step are changing as well. This is why we have invested more than € 20 million into a new custom-built machine full of proprietary know-how. It is capable of bending the longitudinal edges of up to 50 mm thick plates to the exact customer specifications. Leading edge manufacturing so to speak.

PROOF OF TRUST

Superior quality depends first and foremost on having absolute control of the manufacturing process. This is why half of the steps in the EUROPIPE manufacturing value-chain are related to quality testing and inspection.

All acquired data is stored and managed by PRODIS, the EUROPIPE **PROD**uction control and **I**nformation **S**ystem. With it, every single data point in the life-cycle of a pipe is documented. Everything can be traced, from the properties of the respective steel plate, the operational specifications during production to the storage location on the pipeline building site.

The division of work in the quality testing and inspection area between man and machine is a fine tuned system and is constantly adjusted to new technological possibilities. A good example for this is the E-FLORAD filmless radiography system. We are proud to be the only large-diameter pipe manufacturer worldwide that conducts all radiography tests with digital technology.

The system has enabled a quantum leap in image quality in testing the ends and welded seams of pipes. All X-ray chambers are linked to PRODIS which handles the fully automatic process.

AROUND THE WORLD TWICE

More than 75% of the world's natural gas traded today is transported through pipelines, and the trend is rising. Due to the dynamic economic development of many of parts of the globe, we witness a constantly changing supply landscape. Growing wealth means higher energy usage and, as oil and gas are rarely found where they are needed, the world needs more pipelines.

In addition, there are large parts of existing pipeline networks, especially in the western hemisphere, which are reaching the end of their useful life and have to be replaced.

We are proud to participate in some of the most challenging pipeline projects worldwide. Like the world's longest offshore pipeline, the Langeled large-diameter pipeline transports natural gas from Nyhamna on the west coast of Norway to Easington in England via the offshore platform Sleipner. The pipeline is 1,200 km long, and over 1 million tonnes of steel pipe were used in its construction. EUROPIPE has delivered 835 km for this project.

Qatar's North Field is the world's largest connected gas reservoir. The sour gas is transported from the North Field to Ras Laffan on the coast via pipelines totalling 220 km in length (140,000 tonnes of pipe). Due to the corrosive nature of the gas, extremely demanding HIC and SSCC specifications needed to be fulfilled while casting and rolling the steel, and in the actual pipe manufacture.

Very demanding sour gas specifications had to be met for the Doha Urban pipeline as well. Gas from Qatar Petroleum is transported via a 134 km long 36" onshore pipeline in Qatar, to new industries in Doha and Mesaired.

The largest order ever for EUROPIPE was awarded by the Nord Stream consortium. This pipeline will supply gas from the Russian natural gas field Yuzhno-Russkoye – and in the future also from the gas fields of the Yamal peninsula and Shtokmanovskoye – into the Western European grid.

These are just a few of many exciting projects in which EUROPIPE plays a major role. Since its foundation, the company has supplied its customers with perfect products. And that means production and delivery of more than 10 million tonnes of large-diameter pipe – more than 27,500 km. With exceptional service and enough flexibility to respond quickly to changing market requirements and stay ahead of the field. The earth rotates once a day. The products of EUROPIPE, including its predecessor companies, go around it twice.


GAMMA
TEST
EUROPIPE


46977-0

GIVING IT 100 % AND 1 MORE

Superior products can win market share, but to make it happen one needs superior service. That is why EUROPIPE provides a package of services extending far beyond production.

Our sales specialists deliver ongoing customer support, from initial enquiry through official tender to order processing. One port of call for all your questions means not only effective communications but quick decisions as well.

Our research and development team works closely with customers to constantly develop new solutions like innovative steel for sour service and offshore use.

Our seasoned logistics teams are pleased to put their experience at your disposal, both in finding the right shipping solution as well as in unloading and stacking on site.

With our intimate knowledge of all national and international standards and codes, we provide expert support for our customers' project teams every step of the way, planning everything in advance to avoid surprises in the field.

LITTLE IS SO WELL ROUNDED THAT IT CANNOT BE MADE EVEN ROUNDER

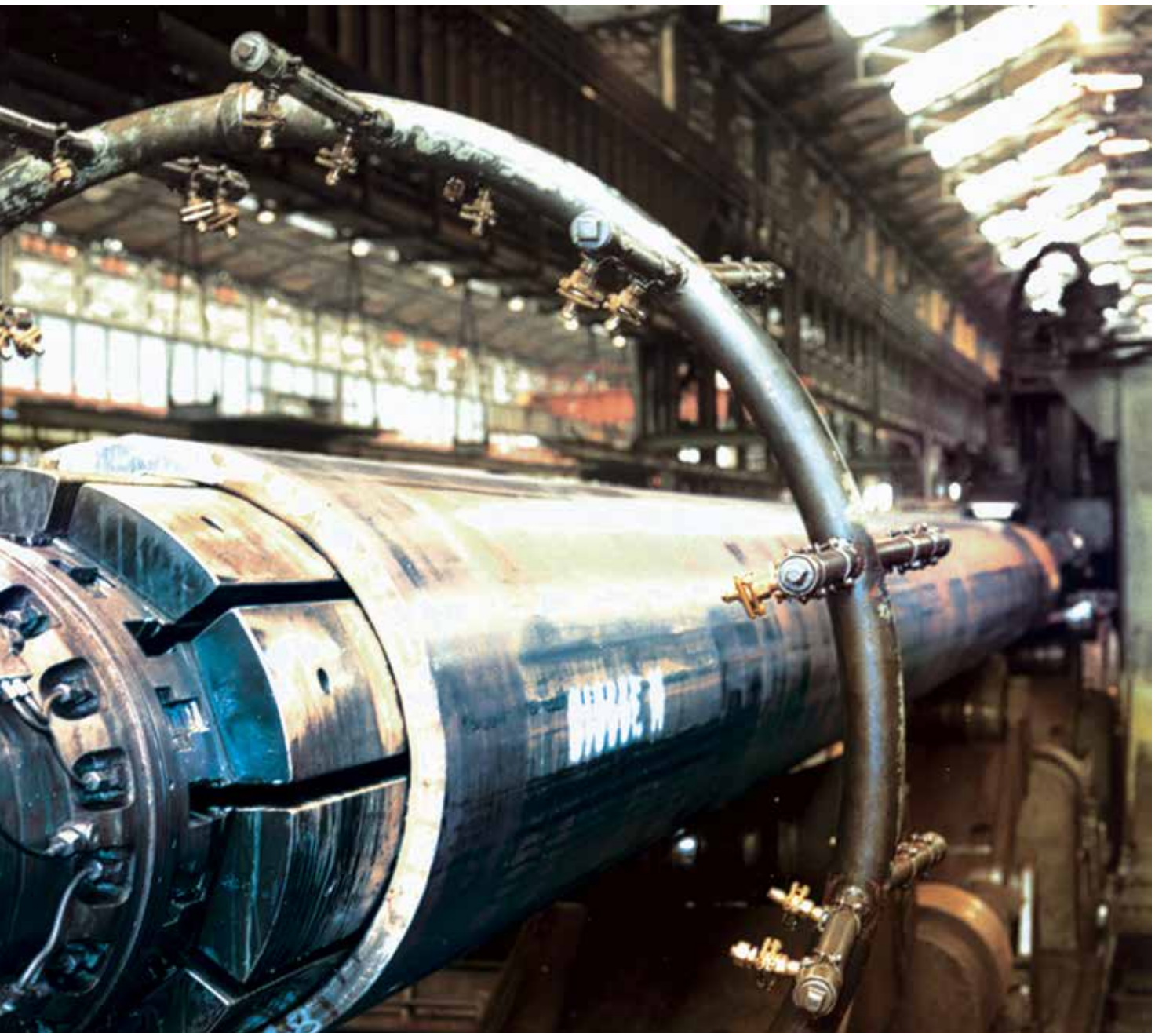
Being the market leader certainly gives cause for satisfaction. Yet we believe that standing still means falling behind. That is why we continuously focus on improving every aspect of our offering.

One main improvement area is to become even more process-orientated down the line. Continuous process optimisation not only ensures that we remain agile, flexible and open to new ideas; it also lets us improve environmental and health and safety related concerns. We are ISO 14001 and OHSAS 18001 certified, proving how carefully we husband natural resources and protect our workforce.

A second focus is the adaptation of our products to the changing needs of the oil and gas industry, such as heavy-wall pipes for deep-sea usage, products for sour-gas service pipelines and ultra-high strength steel (up to X100).

In close connection to this are improvements in our core manufacturing facilities. It is another key in sustaining market leadership. This includes investments into upgrading manufacturing technology, as well as a constant quest for finding new and inventive ways to reduce throughput time and increase quality.

Last but not least we go to great lengths to sustain and improve our most priced asset, our employees. After all, everybody can buy the machines needed to make large-diameter pipes, but to be able to do this on a world-class level, one needs a workforce that combines people with decades of experience and graduates from the best technical universities in our field.



THANKS A MILLION

Without the hard work and dedication of the many stakeholders who work with and for EUROPIPE, we would not be the leading player in our industry today.

First of all we like to thank our many loyal customers who, time and again, spur us into excellence in long-term personal relationships.

Then there are our suppliers, continually striving for perfection, for whom merely good is never good enough.





And then there are our employees, the people who have developed the processes that made us successful and who never tire of raising the bar. They are all committed to the philosophy of anticipating customer needs to make our products, processes and services even better.

The ability to think ahead – this is the pledge of top performance with which we approach every challenge.










EUROPIPE GmbH

P.O. Box 100504
45405 Mülheim an der Ruhr
Germany

Pilgerstraße 2
45473 Mülheim an der Ruhr
Germany

Phone +49 208 976-0
Fax +49 208 976-30 00

www.europipe.com

EP/IMG 02/2012 en 2.000