

HYDRAULIC TECHNOLOGY – MADE IN GERMANY



**Innovative and individual
hydraulic systems**



K N A P
HY

KNAPHEIDE
HYDRAULIK-SYSTEME



DEAR READERS

A constant influence over the quality and the continuing development of our products is only possible if we manufacture the most important parts ourselves. This is why we – the Knapheide Group – have evolved from a well-known manufacturer of hoses and fittings to an ideally diversified supplier of individual and modern package solutions in the hydraulics sector in recent years.

With us you can be sure to receive all components from one source and completely “Made in Germany”. Browse through our product portfolio and please do not hesitate to contact us.

I am looking forward to hearing from you and hope you enjoy our image brochure.

THE KNAPHEIDE GROUP OF COMPANIES

Everything from one source, for unlimited possibilities of application

We at Knapheide have been a renowned manufacturer of high-quality and extremely robust hydraulic systems for many decades. With its parent company, Knapheide GmbH Hydraulic Systems in Beckum, and five other specialised companies for industrial hose technology, precision turning, electrohydraulic control and process engineering, conveyor technology and logistics, we are capable of offering everything completely “Made in Germany” from one source.

Today our entire group of companies employs about 1,000 people on around 50,000 m² of production workshops and supplies manufacturers of machines with hydraulic applications throughout the world.



KNAPHEIDE
HYDRAULIK-SYSTEME

KNAPHEIDE
INDUSTRIE-SCHLAUCHTECHNIK

KNAPHEIDE
PRÄZISIONS-DREHTECHNIK

KNAPHEIDE
LOGISTIK-ZENTRUM

TIEFENBACH
Control Systems GmbH



WESTERIA
FÖRDERTECHNIK



HYDRAULIC SYSTEMS

The parent company in Beckum was founded by Werner Knapheide in 1967 and is the engineering, distribution, management and manufacturing centre and therefore the control centre of our group. The tasks for all German factories are coordinated from here.

Highly qualified specialist personnel ensure production and assembly of robust and durable hydraulic systems which function with the highest reliability and precision even under extreme conditions.



CONSULTING AND PLANNING for individual hydraulic solutions

Customers and their individual product requirements are at the centre of everything we do. Constructive discussions and competent advice in advance ensure that the finished hydraulic components will fulfil their tasks reliably later on. State-of-the-art machines and highly trained employees ensure the highest level of quality “Made in Germany”.







PIPE MANUFACTURING for individual pressure lines

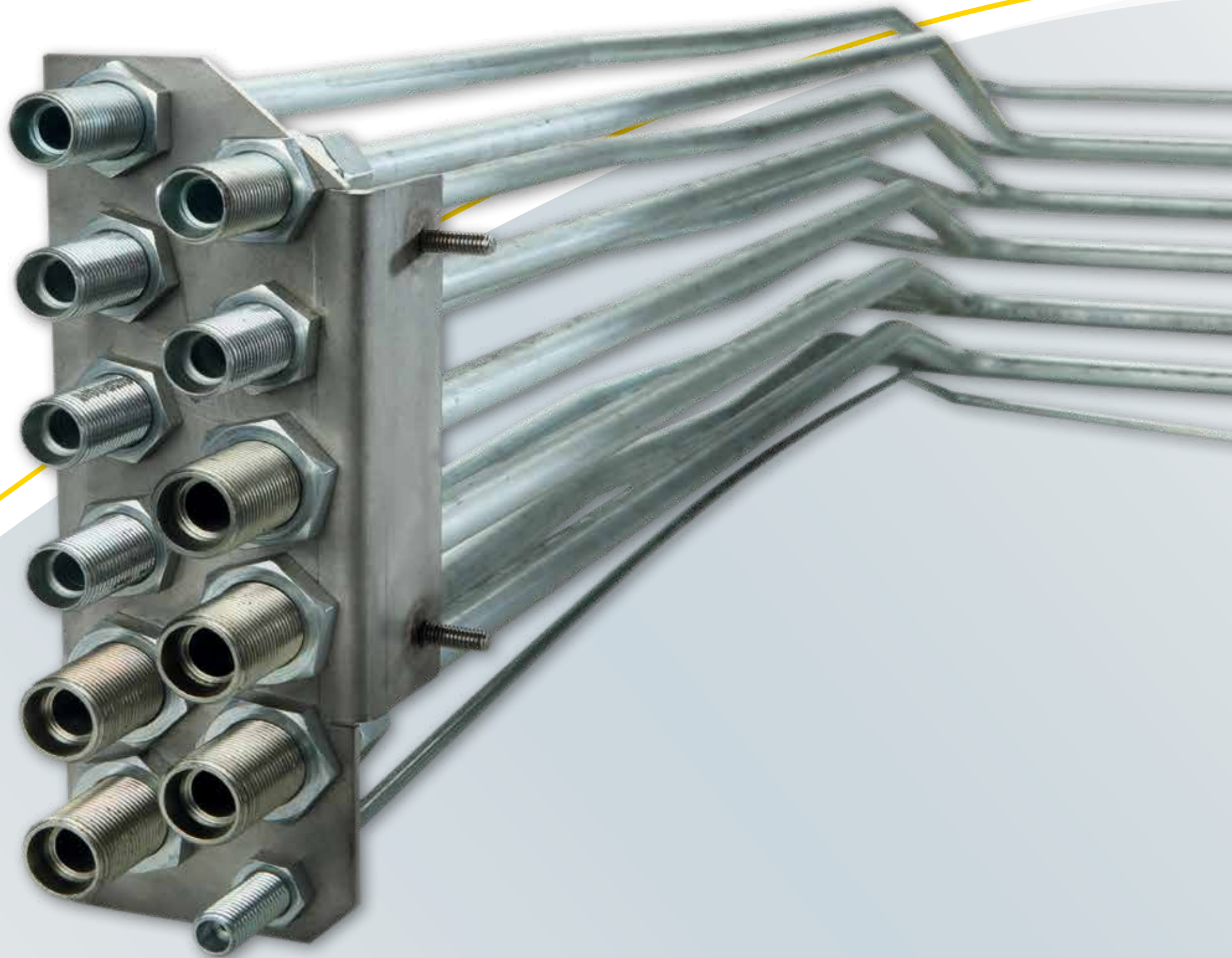
Pipe manufacturing produces curved pressure lines in small and large quantities for different fields of application. Customer requirements are taken into account to ensure individual pipe installation.



PIPE MANUFACTURING

Whether individual hose fittings, pipe manifolds with holders, exhaust lines with compensator or production and installation of pipe sets – we fulfil any customer request.







SOLDERING AND WELDING of hydraulic components

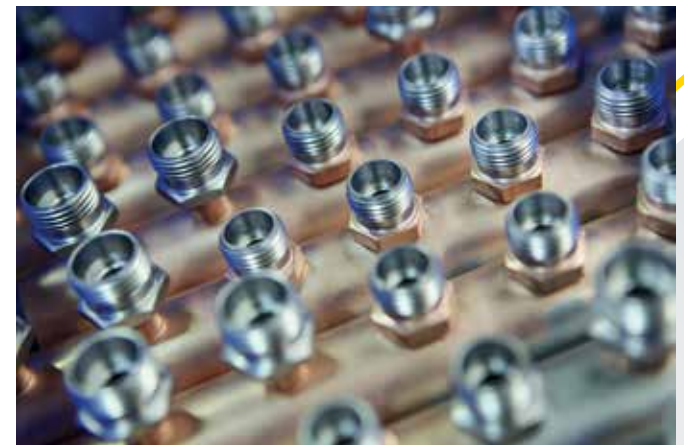
In addition to the welding of separate individual components, our wide range of services also includes annealing and soldering of hydraulic components. State-of-the-art soldering furnaces are used for these applications.

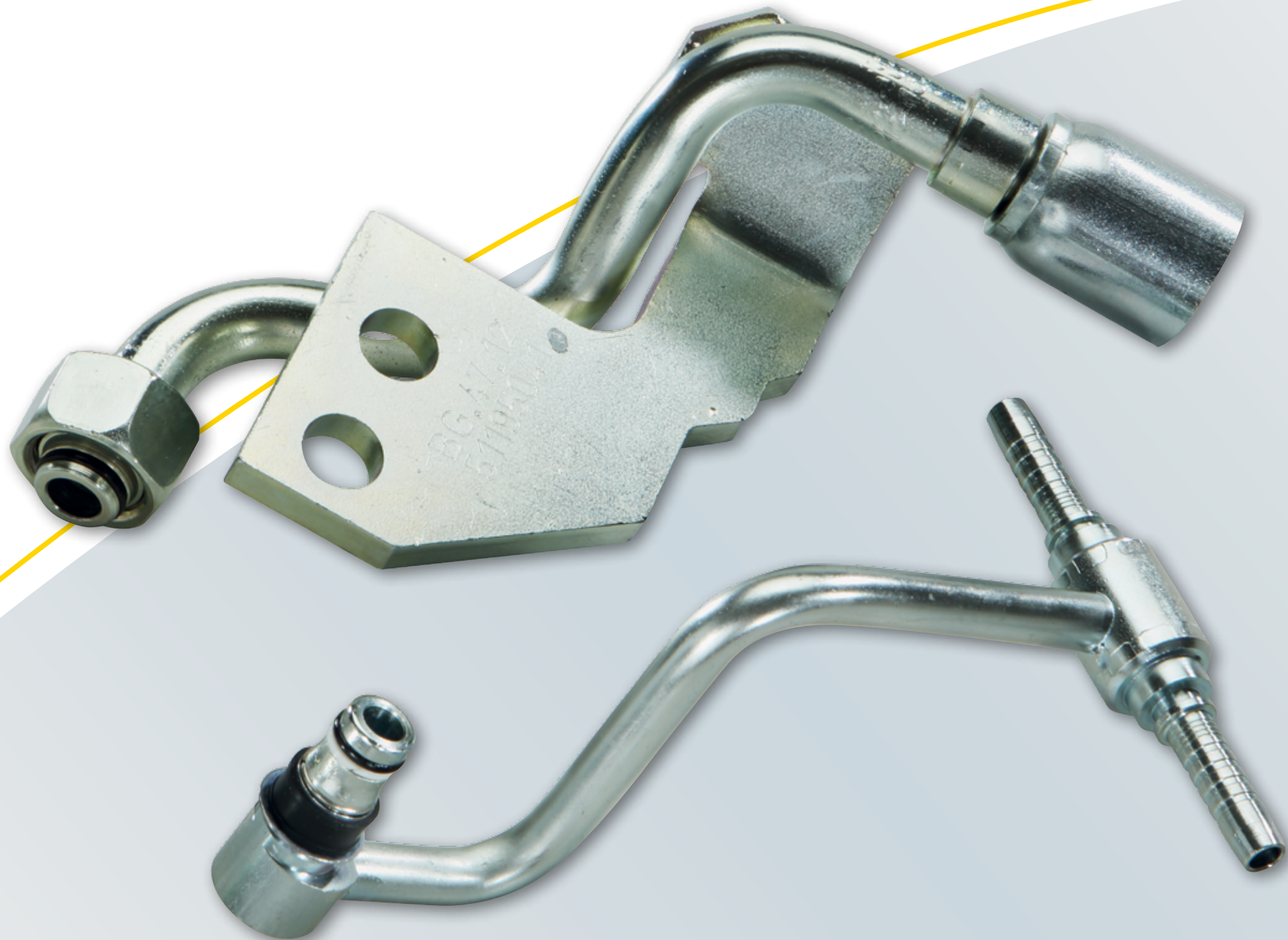




SOLDERING COMPONENTS in all dimensions

The varied product portfolio of soldered hydraulic elements includes e.g. beaded suction lines, line components or adapters. Bending fittings requires special precision for which we use modern bending machines.







INSTALLATION of rotary unions

Innovative hydraulic solutions for state-of-the-art automation requirements are individually designed in cooperation with our customers and then manufactured and assembled completely at our own facility.

100 % hydraulic pressure testing ensures that the hydraulic systems achieve the highest quality standards.



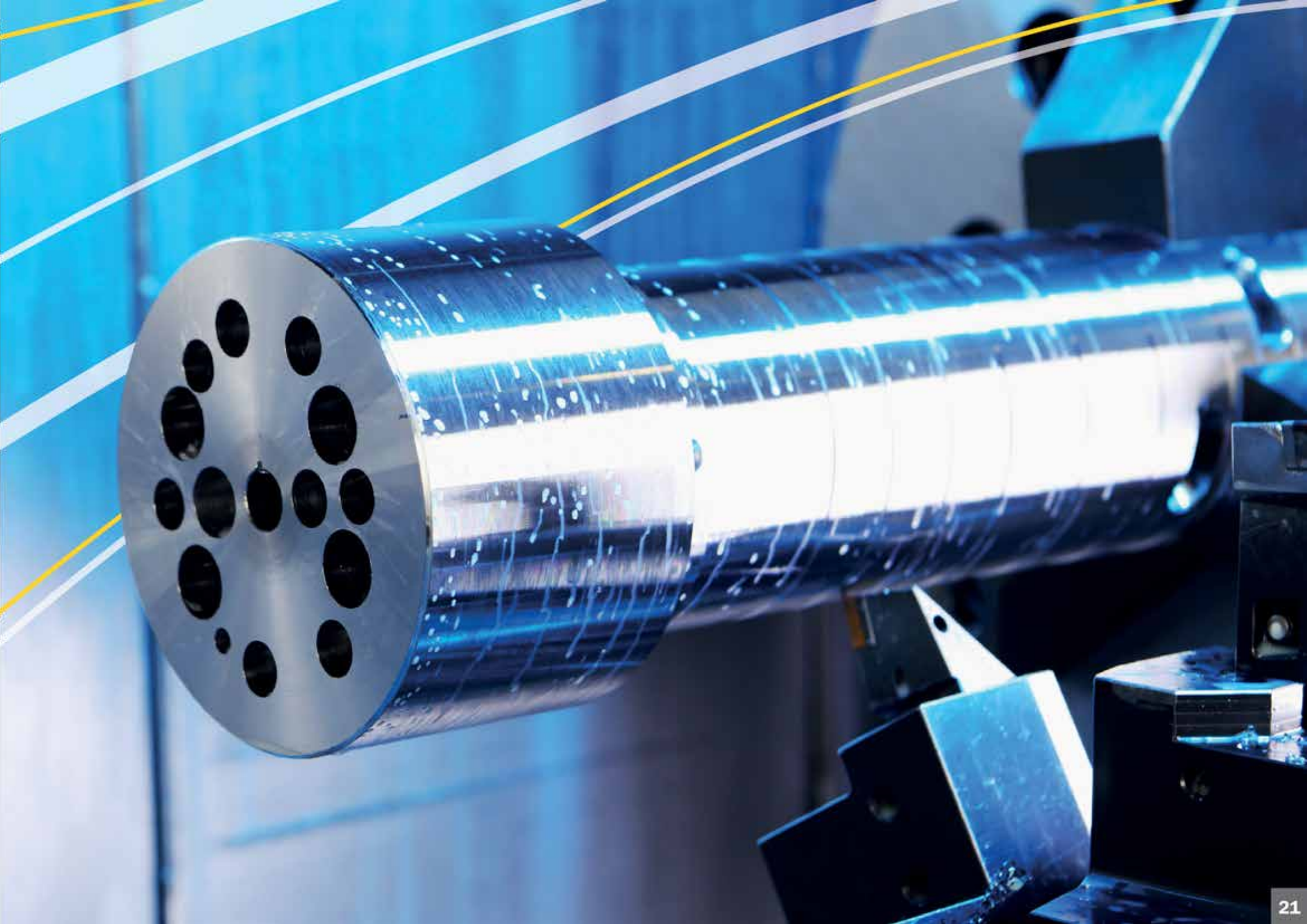




MECHANICAL MANUFACTURING using state-of-the-art technology

We manufacture innovative and individual solutions with over 80 innovative machines. We own modern CNC drilling and milling centres, some of which are equipped with fully automatic robot loading.

Automatic lathes with automatic loading of bars and, among other things, a modern, fully automatic multiflex machining centre especially for forged blanks complete our impressive technical equipment.



HYDRAULIC COMPONENTS

for numerous applications

Our varied range of hydraulic control elements for industrial applications and international mining includes products such as distributor blocks, rotary unions and bolts.







SPECIAL PRODUCTS for mining

Extreme conditions require extremely robust products. We offer hydraulic components which are specially adapted to mining and are designed to withstand the rough conditions of underground working. Push-in sleeves, hose connections, control elements and ultra-high pressure hydraulic hoses complete our range. Quality "Made in Germany"!



FINN-POWER
FP 165





QUALITY MANAGEMENT

A fixed production step

Quality is important to us. We place a special focus on quality management. Each production series is subject to meticulous quality testing to ensure delivery of perfect products.







QUALITY MANAGEMENT

We hold national and international quality management certifications as well as various customer awards as a preferred supplier. Quality assurance processes such as pressure tests are already integrated into the production process to ensure that the high quality standards are continuously and reliably met.









KNAPHEIDE

INDUSTRIE-SCHLAUCHTECHNIK

INDUSTRIAL HOSE TECHNOLOGY

Around 160 employees have been producing hydraulic hoses in large series in three shifts at the modern factory in Beckum since 1989.

Around 25,000 hose lines from DN 2 to DN 80 are manufactured here on a production area of approx. 6,000 m² each day.

HYDRAULIC HOSES

in a great variety

At our subsidiary in Beckum, we use 9 automatic cutting machines, 21 press systems (including 10 semi-automatic presses), pressure testing devices and several cleaning systems to offer the full production range from hose types with special top layers and hose fitting to all adapter types of the production series Steck-O, Super-Steck-O and SSKV.





HOSES

in large and small quantities

We can also implement customer-specific protection or marking systems when manufacturing individual hoses in large and small quantities with standard or special fittings.







PRECISION TURNING

for the ultra-high pressure range

39 automatic lathes with six or eight spindles produce approx. 240,000 precision turned parts each day, e.g. hose fittings and connectors of all sizes.





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PRÄZISIONS-DREHTECHNIK

PRECISION TURNING

At the subsidiary in Kaltenkirchen, which was founded in 1980, 60 employees manufacture components primarily for the high and ultra-high pressure range on 7,000 m².



LOGISTICS CENTRE

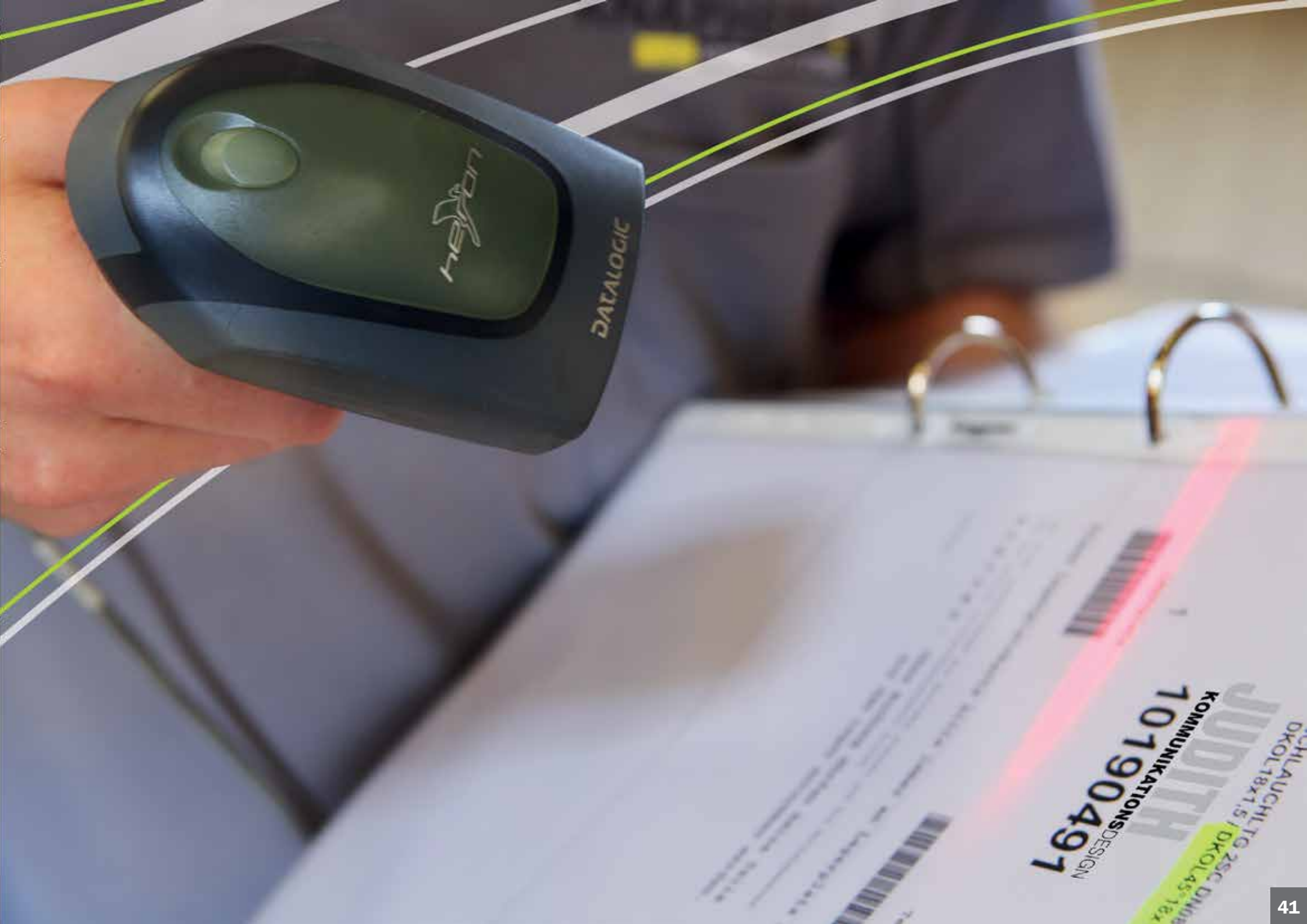
The plant was founded in 2013 and serves as the distribution and logistics centre for our entire Knapheide Group. 25 employees coordinate the loading and unloading of the 2,500 pallet stations.



LOGISTICS CENTRE

with innovative storage technology

With this new unit, we can react to customer requests even faster and with greater flexibility. Innovative warehouse technology provides access to the entire product portfolio at the logistics centre. Individual customer requirements and special delivery systems, e.g. KANBAN or compilation of complete hose sets, can be implemented here.



JUDITH
KOMMUNIKATIONSDESIGN
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CHLAUCHITG 25C DINGE
DKOL18x1,5 / DKOL45-18x

