

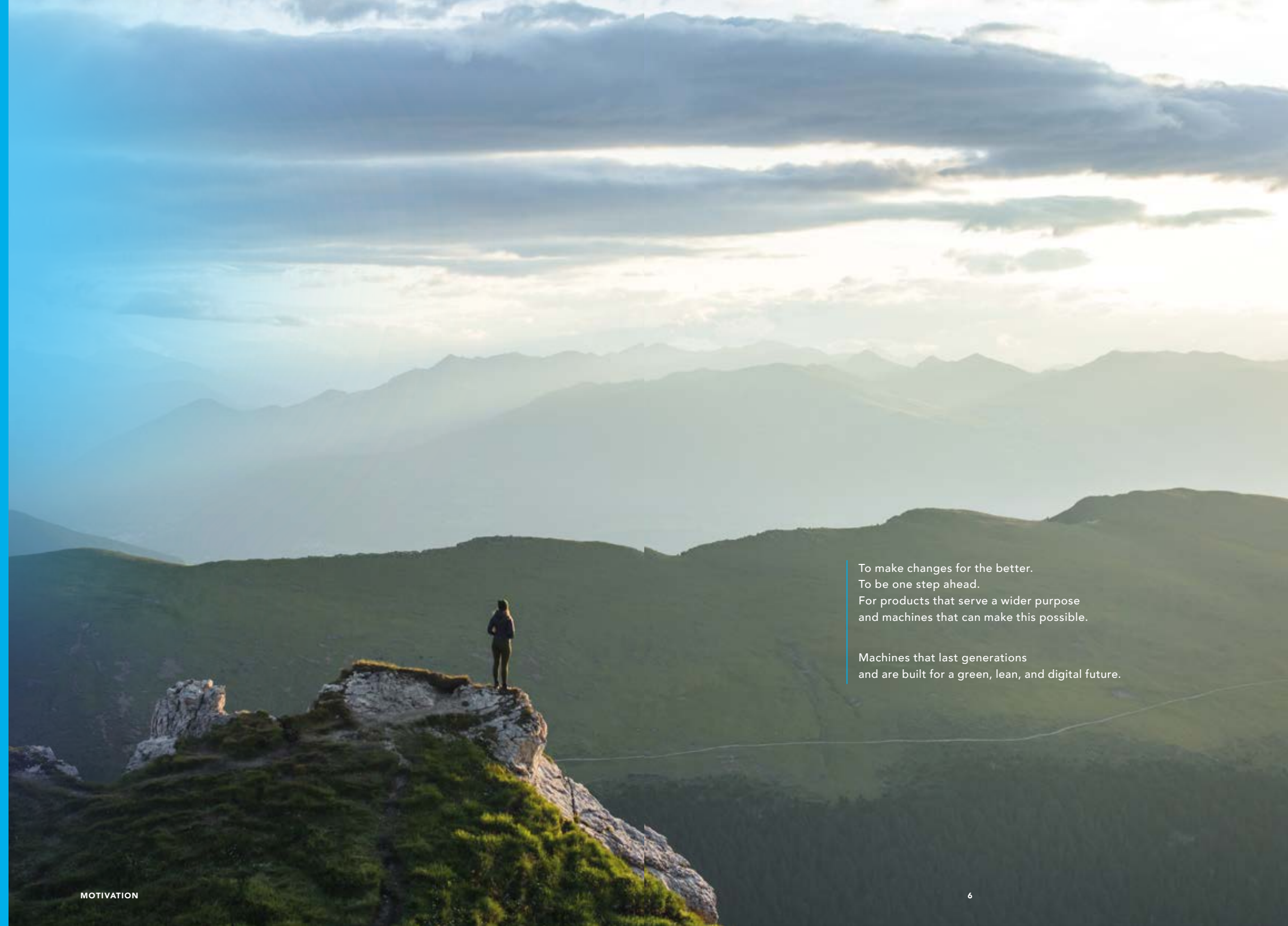
FUTURE CONCEPTS

Achenbach is the specialist for rolling and foil slitting technology to produce aluminium flat-rolled products at the highest quality level. With our knowledge, we enable our customers to realize their future ideas, develop new products and be successful in their markets.

Technology for Future Concepts



Visit us:
www.achenbach.de



To make changes for the better.
To be one step ahead.
For products that serve a wider purpose
and machines that can make this possible.

Machines that last generations
and are built for a green, lean, and digital future.

WHAT DRIVES US



"Pioneering technology, proven machine building, and products that serve a wider purpose – for our family company with a 570-year history sustainability is essentially nothing new. Our machines last generations. With Green.Lean.Digital. we make a clear commitment to our customers to think sustainability further ahead, always with a focus on productivity. Because green production is only sustainable if it leads to better results at the end of the day."

ANDRÉ E. BARTEN
PRESIDENT & CEO

GREEN. LEAN. DIGITAL.

For us, **Sustainability** is about how production is to be conducted, namely in an environmentally compatible, socially responsible, and economical manner. While we pay attention to sustainability regarding our own production and our behaviour in everyday working life, it is through our products that we will make the biggest positive long-term environmental impact. Achenbach is setting the course with innovations that offer its customers added value in sustainable plant operation that pays off, in rolling and slitting, in emission reduction, in machine learning.

1

Green. We support our customers with innovations that pursue the three ecological goals of supporting the circular economy, reducing GHG emissions and improving energy and resource efficiency in the customer's production process, without losses in productivity or economic efficiency.



2

Lean. We support our customers to achieve lean production processes that create value without waste, raising savings potentials.



3

Digital. Our digital solutions make Green and Lean possible in the first place. The Achenbach OPTILINK® Platform for overall system networking and analysis of machine data offers valuable insight into the plant productivity and quality. Thus, the customer benefits not only from the most efficient production possible, but also from a relevant reduction in energy and resource consumption.



Sustainability
one step ahead.

Achenbach OPTIMILL® Foil Rolling Mill



WHAT WE STAND FOR



"With a dedication to technology, high knowledge and experience and our high demand on perfection, we supply our customers worldwide with first-class machinery. With our machines and equipment, we are setting clear signals towards future challenges and are constantly searching for innovative solutions according to our customers' needs."

SEBASTIAN GROOS
COO

Comprehensive. Our wide range of products comprises whole production plants, machinery lines, single machines, or selected technology components. Our strategic approach is to offer 'everything from a single source': layout, design, manufacturing, assembly, commissioning, including Life Cycle Support with services and consulting. The combination of product and process know-how, the perfect interaction and optimum design of all components with a view to the sophisticated final product form the key to this extensive approach and reduce complexity costs.

Perfected. We are specialists in the complex technology of rolling and slitting. We implement our customers' wishes with the dedication to every single detail, with high knowledge and experience and our demand on perfection. Continuous innovation is the basis for that.

Personally. Long-term relationships are the basis for a trusting cooperation. Throughout the whole lifetime of each machine, we are a reliable partner assisting our customers in a continuous process and offering a wide range of services at any point of time.

MAKING THE DIFFERENCE



STRENGTH SPEED PERFORMANCE

Achenbach OPTIMILL®
Aluminum Hot Rolling Mills

Achenbach OPTIMILL®
Aluminum Thin Strip Rolling Mills

Achenbach OPTIMILL®
Copper + Brass Rolling Mills

Achenbach OPTIMILL®
Aluminum Strip Rolling Mills

Achenbach OPTIMILL®
Aluminum Foil Rolling Mills

OPTIMILL Rolling Mills. Achenbach is recognized worldwide as a specialist in premium rolling mills for flat-rolled products. The spectrum ranges from hot strip to cold strip, thin strip and foil rolling mills, where Achenbach is the world market leader. All key components are manufactured to ensure the highest level of quality and precision. This, along with extensive pre-assembly in our own workshops, enables the top performance of our rolling mills. It also supports smooth and rapid final assembly and commissioning at the customer site. The outstanding performance is achieved by unique technology components and the Achenbach OPTIROLL® Automation, the key to integration.



SPEED FLEXIBILITY PRECISION



OPTIFOIL Slitting Machines. Achenbach is worldwide recognized for its first-class foil slitting machines for doubling, separating and slitting even thinnest metal foils. This, along with complete pre-assembly and commissioning in our own workshops, ensures the top quality of our OPTIFOIL Slitting Machines and is of key importance with respect to precision and speed of the slitting process. It also supports smooth and rapid final assembly and commissioning at the customer site. Understanding the rolling process in depth, we have transferred our special process knowledge to the slitting equipment enabling the machines to finish the foil at its best.

Achenbach OPTIFOIL®
Rewinder

Achenbach OPTIFOIL®
Doubler

Achenbach OPTIFOIL
SepaSlit®

Achenbach OPTIFOIL
HeavySlit®

Achenbach OPTIFOIL
JumboSlit®

Achenbach OPTIFOIL
LightSlit®

EFFICIENCY ADDED VALUE CLOSED LOOP

OPTIPURE Media Systems. The accompanying OPTIPURE Process & Media Systems complement the machinery for an optimum rolling process, offering complete rolling oil management for economically and ecologically efficient exhaust air purification, rolling oil filtration and rolling oil rectification. On the basis of an integrated system philosophy all systems operate in a closed loop. With the expertise in physics and thermodynamics individual components are continuously further developed. They are always tailored to the specific operation purpose.

Achenbach OPTIPURE AIRPURE®
Exhaust Air Purification Systems

Achenbach OPTIPURE SUPERSTACK® II
Filtration Systems

Achenbach OPTIPURE ROILPURE®
Rectification Systems





Achenbach OPTIFOIL HeavySlit®

"The excellence of each individual machine along with a consistent link between the machines and systems themselves are the keys to the highly productive manufacturing of premium flat-rolled products. Each Achenbach machine is already in itself a benchmark. By combining multiple technologies, connecting plants and equipment and providing manifold support throughout the entire lifetime of the machine, your competitive are further increased."

HENNING SCHLABACH
EXECUTIVE DIRECTOR GLOBAL SALES

HOW YOU BENEFIT



Achenbach Smart Plants. Achenbach is very experienced in building and modernizing complex production plants comprising multiple production stages along the value chain. This unique integrative technology approach to engineering and manufacturing ensures maximum customer satisfaction. Achenbach works together closely with each customer to design the best concept for each scenario.

Highest technical competence

Tailored plants to the customer needs

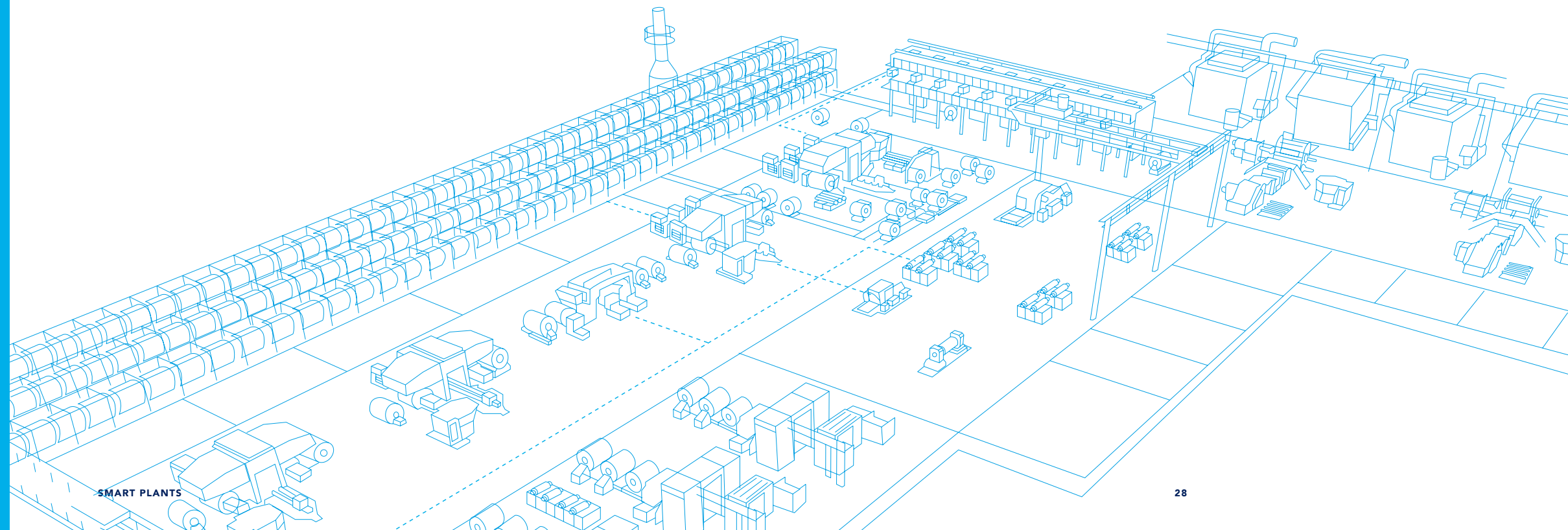
Optimal material flow and productivity

Risk reduction by preventing interface losses

Overall process consulting

Reduction of complexity costs

INTERACTION PERFORMANCE



Achenbach OPTILINK®. Achenbach's digital solutions support customers to continuously improve the quality and quantity of their production processes, minimize production downtime and optimize energy consumption. The cloud-based platform OPTILINK combines data from various sources and production steps and extracts valuable information about the entire process from it. OPTILINK's capabilities range from complex OEE considerations to quality monitoring and predictive algorithms for automatic detection of anomalies.

PUT AI TO WORK

Increasing equipment efficiency

Realizing transparent work processes

Achieving preventive quality and process improvements

Reducing energy consumption and waste



Achenbach Life Cycle Support (LCS) comprises a comprehensive portfolio of professional service and support. The scope ranges from spare parts service (UniSpare), technical support (UniCheck) such as inspection, repair and maintenance and process support (UniSkill) with sophisticated consulting and training to upgrades and extensive modernizations (UniMod). Individually requested services as well as support packages based on experience and tailored to your requirements are obligatory. Our LCS competence relates to all our business units and is addressed to both operators of machinery and systems built by Achenbach or by third-party manufacturers.

Maintaining and securing performance

Guaranteeing machinery availability

Upgrading performance

Improving productivity and quality

Integrating newest technology components

Improving operator skills




ALWAYS
BY YOUR
SIDE



Research and innovations are drivers for a sustainable future. As leaders in technology, for Achenbach this means to do targeted development work to open up success potentials for our customers. To deliver Technology for Future Concepts, we not only have a strong R&D pedigree, but live an innovative mindset from the beginning. For this, Achenbach educates, trains, and empowers young apprentices and students in the Smart Learning Factory (SLAB) in its newly opened Campus Buschhütten, together with different partners from science, regional industry and innovative start-ups. Imagine.

IMAGINE FUTURE PRODUCTION



A close-up photograph of a person wearing a white lab coat, holding a pipette. The person's hands are in the foreground, and the pipette is held horizontally. The background is a bright sunset or sunrise, with the sun low on the horizon, creating a warm, golden glow. The sky transitions from a pale yellow near the sun to a soft blue and purple at the top. The overall mood is one of precision and innovation in a scientific or medical setting.

To make changes for the better.
To be one step ahead.
And have an impact in this world.