

40 YEARS



40 Years Special Edition

Dr. Schenk GmbH
Shaping Inspection Technology since 1985

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YOUR MATERIAL IN FOCUS

“Working together is our success.”

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Key facts



HQ

- Near Munich, in Bavaria, Germany
- 18,000 m² production & testing facilities



What we do

- Surface inspection solutions
- Development, manufacture and sales



Employees

- > 350
- 60% in R&D, project management



Foundation

- 1985
- Privately owned



Systems

- > 16,000 worldwide
- For all applications



Our expertise

- 40 years of experience
- Perfectly matched, closed systems

We have a great history...

*In 2025 Dr. Schenk GmbH celebrates its 40th anniversary:
A testament to four decades of pioneering innovation in optical inspection
and measurement technology.*

Founded 1985 in Planegg near Munich, we began as a small enterprise with a big vision: to revolutionize quality assurance in manufacturing with cutting-edge optics and electronics. From the onset, Dr. Schenk GmbH focused on precision and reliability. Our early years were marked by rapid growth, driven by the success of our initial products in the optical disc business, and followed by inspection solutions for the **glass** and **plastics** industries. As our reputation for excellence spread, so did our portfolio, expanding to include solutions for **nonwovens**, **paper**, **metals**, **new energy applications** and **structured surfaces**. Each new product line was a response to the evolving needs of industries seeking to improve efficiency and maintain highest quality standards in their production processes.

Our commitment to quality has been unwavering. Over the years, Dr. Schenk GmbH has invested heavily in research and development so our technologies remain at the forefront of the industry. This dedication is shared by over 350 employees, who work tirelessly to develop and refine the solutions that have made Dr. Schenk a trusted name worldwide.



...and a great future

*The story of Dr. Schenk is not just about technological achievement;
it's also about people.*

As the company celebrates its 40th anniversary, we look to the future with the same spirit of innovation that has driven our success for the past four decades. We see current challenges – such as the increasing demand for renewable energy and the need for more sustainable production practices – as new opportunities to apply our long-standing expertise. With a solid foundation and a clear vision for the future, Dr. Schenk GmbH is ready to continue leading the way in optical inspection and measurement technology for many years to come.

Thank you for being a part of this incredible journey. Here's to 40 years of precision, innovation and excellence – and to many more ahead!

The people behind the company

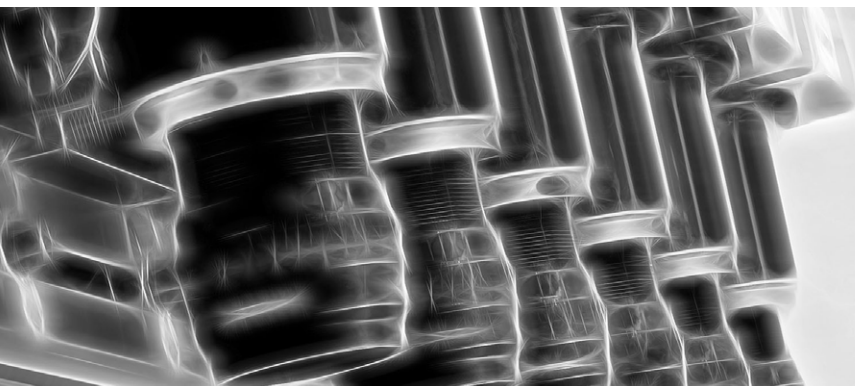
*Meet the people and departments
that make us who we are today and move us forward.*

What makes a company successful? While introducing the right product in the right market at the right time and a bit of luck are important ingredients, the essential element is the people with whom we work. At Dr. Schenk GmbH, our success is driven not only by innovation and technology but by the dedicated people who bring it all to life.

From engineers developing cutting-edge solutions to the teams assembling and testing them, from excellent sales and project engineering teams to lifecycle support teams, from work planning, administration, finance, IT, HR, legal, marketing to cooks serving delicious lunches and facility management teams with maintenance & cleaning crews, ensuring we can work comfortably and productively: every sensational individual plays a vital role in creating the exceptional solutions our customers rely on.

”

“Working together is our success.”





40 YEARS



Truly unique inspection solutions

Dr. Schenk is a pioneer of inspection technology.

Whatever we need today we can find and purchase online. In 1985, that was quite different. For example, in the early years of our company, inspection cameras, illuminations and software could not simply be bought: they had to be developed.

We accepted the challenge and over years perfected a superior, unique type of inspection system: optics, hardware and software were developed from scratch. This pioneering work, the many years of experience and our highly qualified employees in research and development create our truly unique competence for inspection technology in the world market. And to this day, in-depth understanding of any subject is something you cannot simply buy.

All components in a Dr. Schenk inspection solution are exclusively our own development. Like an orchestra, they are perfectly matched to each other and form a closed system.



How it all began...

A disagreement laid the foundation for a new company.

Dr. Christoph Schenk's entrepreneurial journey began with a pivotal disagreement with his employer at the time over the design of a laser scanner for film inspection. A passionate innovator, Dr. Christoph Schenk headed a ground-breaking project that not only led to the successful completion of two reference installations but also secured the largest order in the company's history. However, just before finalizing the contract, test results with new measurement equipment revealed significant discrepancies with the promised results.

The situation was dire. Crisis meetings ensued, and the optics laboratory devised a swift, cost-effective solution to remedy the discrepancies. Nevertheless, the company owner refused to deviate from dated principles, disregarding the potential of Dr. Christoph Schenk's solution. Frustrated but undeterred, Dr. Schenk saw an opportunity to chart his own course.

“Focus on success, not excuses.”



*Dr. Christoph Schenk
Founder and CEO*

In August 1985, leveraging government funding for technology-oriented start-ups, Dr. Christoph Schenk founded his own company. He rented a whole building in Bunsenstrasse 4a in Martinsried – a location that remains part of Dr. Schenk GmbH's Martinsried Facility to this day. With a small and determined team, production began in early 1986.

The early days were not without challenges. Building a company from scratch required navigating financial hurdles, refining technological innovations, and proving their value to skeptical customers. Dr. Schenk's unwavering belief in his vision and will to succeed have shaped the company to become the globally respected enterprise it is today.



...and continues

Our journey remains exciting.

After 19 months of construction, the new company headquarters, featuring a modern atrium building, became the new administrative center of Dr. Schenk in Germany in 2019.

The new Headquarters offer comfortable working environments for 250 people and are located on the same street as some other key sites of the Dr. Schenk company, including production facilities and goods receiving and shipping.

Allowing for future growth and offering modern facilities for training and research & development, the Dr. Schenk Martinsried facility remains unchanged.



Michael Dobler
Managing Director

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“We have come a long way. I am grateful to be a part of this team.”

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“Dr. Schenk GmbH stands for continuous progress and quality – values that motivate me daily and define our shared success.”



Andreas Leiner
Managing Director



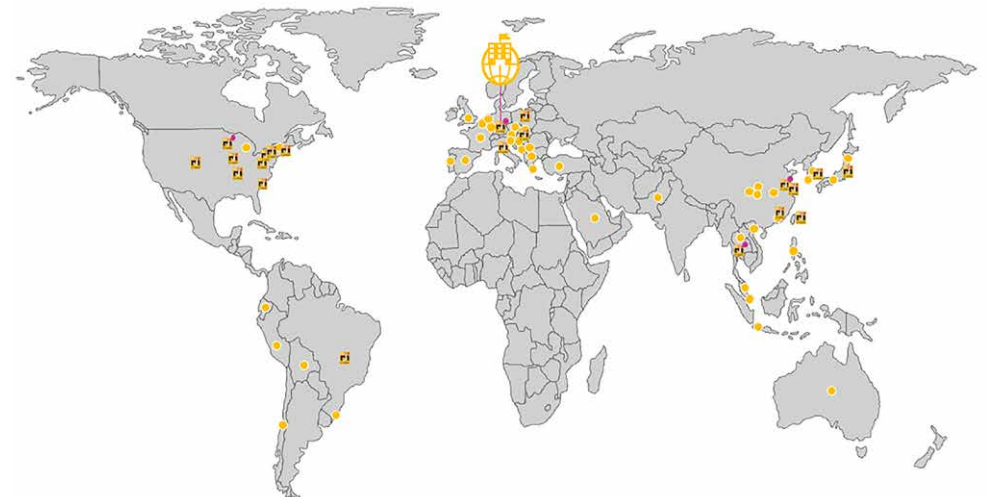
Dr. Schenk across the continents

*Locations around the world
and an employee network that spans the globe.*

We are keenly aware of the pivotal role our global presence has played in 40 incredible years of innovation and dedication. From our headquarters to Dr. Schenk locations in three continents and local sales managers in Italy, Poland, Hungary, Japan, and South America: establishing a strong local presence has been vital to our success.

We send out a huge thank you to our partners, customers, and dedicated teams worldwide for making this milestone possible. Together, we look forward to an exciting future of continued growth and collaboration.

The following pages introduce you to Dr. Schenk locations and local contacts for our customers.



Dr. Schenk USA: celebrating 30 years



Dr. Schenk began its US operations in 1995 with a modest team comprising sales, project engineering, and a service office. At the time, three employees shared 1,500 square feet of office and stock space. Fast forward 30 years, and Dr. Schenk USA has evolved into a robust operations facility, boasting over 30 employees and 15,000 square feet of dedicated space.

Today, we proudly:

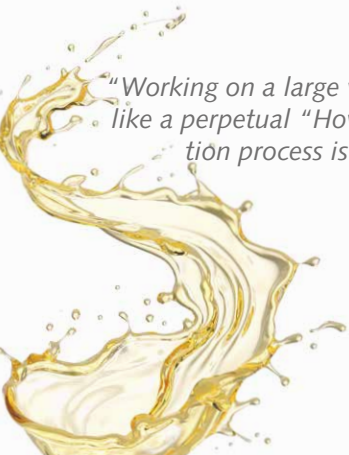
- Manufacture complete systems in the US tailored for the North American market.
- Provide unwavering support to our customers.
- Contribute to local communities by creating highly skilled jobs and sourcing much of our raw materials domestically.

Our seamless integration with our German headquarters fosters a culture of collaboration and global input, fueling product innovation and market development. This synergy drives our steady, organic growth.

At Dr. Schenk, every day is invigorated by innovation and technological advancement – making work anything but mundane. As a result, our employees are deeply committed, with many celebrating significant milestones, including 10-year and even 25-year tenures.



"Working on a large variety of inspection projects for 30 years continues to be like a perpetual 'How It's Made' TV show; understanding the actual production process is essential toward deriving an inspection solution."



Dr. Schenk Asia: our teams in Kunshan, Taipei, Hong Kong, Seoul and Bangkok

Over the course of forty years, our company has established multiple locations in Central Asia, East Asia and Southeast Asia. With expertise spanning system installation, maintenance, and optimization, swift local support, seamless communication and rapid response times are guaranteed for all of Dr. Schenk's customers in Asia.

We first entered the Chinese market in 1992: a fearless, enthusiastic pioneer of optical disc testing technology with a humble office, a staff of three and the ambition to change the industry.

Today, Dr. Schenk is located in a modern 2,100 square meter factory in **Kunshan, Mainland China**, with sales experts, production and project teams, professional training rooms spacious office areas and warehouses. 54 experts ensure continued progress based on innovation, detailed attention to customer experience, and accumulation of technological expertise. Cutting-edge technology, high-end solutions for our Chinese customers, and services that meet local needs have secured Dr. Schenk China's recognition and acclaim in the market.



"A brilliant story from small to large, each step showcasing wisdom and hard work, highlighting extraordinary transformation and growth."



Dr. Schenk's Technical Center in **Taipei, Taiwan** is staffed by a team of six, including highly trained service engineers, sales experts, and office administration. Known for its leadership in industries such as semiconductors, optoelectronics, and advanced materials, Taiwan is a natural fit for Dr. Schenk's cutting-edge inspection solutions.



Dr. Schenk's presence in **Hong Kong** is a strategic basis for connecting with customers across Asia and the Pacific region. Located in one of the world's most dynamic business centers, the Hong Kong team comprises experienced on-site service engineers to support customers at a moment's notice, proven sales experts and office administration.

Founded nearly 30 years ago, Dr. Schenk's office in **Seoul, Korea** is a direct result of our commitment to supporting **East Asia's** most technologically advanced and innovative markets. A center for high-tech industries, Seoul provides access to customers in sectors such as electronics, automotive, and materials manufacturing. Staffed by a team of three for service, sales and office administration, personalized, responsive and fast support is guaranteed.

Dr. Schenk's dedicated presence in **Bangkok, Thailand** reinforces our commitment to customers in **Southeast Asia** and **Oceania**. Our seasoned Thailand-team have worked for Dr. Schenk in Germany and Thailand for over a decade and offer local trainings, application support and sales expertise.



Dr. Schenk in Europe: our Sales Experts in Italy, Poland and Hungary

By establishing local sales experts in **Italy**, **Poland** and **Hungary**, we were able to incorporate intercultural know-how on a very personal level, ensuring we truly understand and address the needs of our customers in every region.

This local expertise allows us to navigate cultural nuances and overcome language restrictions to build trust with our partners. Authentic communication forms the foundation for sustainable relationships. It allows us to provide customized solutions with exceptional service to every customer and every region.



"Congratulations to Dr. Schenk on 40 years of innovation!"

We're proud to bring these cutting-edge solutions to our markets and look forward to many more successful years together!"

Dr. Schenk in Japan and South America: our Sales Experts in Kanagawa and Sao Paulo

Being able to quickly support customers across the Atlantic is vital, especially in Brazil and Latin America, where personal relationships, clear communication, and cultural understanding are highly valued. Challenges such as language nuances, complex bureaucracy, and strict on-site safety regulations led to establishing a Dr. Schenk office in **São Paulo, Brazil**: a global economic hub and home to one of the world's largest concentrations of German companies.

Dr. Schenk's presence in **Kanagawa, Japan**, underscores our dedication to one of the world's most innovative and quality-focused markets. Demanding high-quality, reliable solutions, Japanese industries find a perfect match in Dr. Schenk's advanced inspection systems, empowering Japan's tech-savvy industries to maintain their competitive edge.



Why customers choose Schenk

Despite fierce competition, Dr. Schenk consistently wins projects worldwide. Our focus on technological leadership, outstanding service, and comprehensive lifecycle support ensures customers receive not just what they need, but more than they expect: future-proof solutions and enduring partnerships.

Dr. Schenk's seasoned sales teams effectively explain our product differentiators. For instance, evaluating inspection systems solely on the number of cameras or their prices is insufficient – just as a sports car and a van serve vastly different purposes, cameras vary significantly in capability.

Our meticulous attention to detail and outstanding product support around the world convince customers time and again.



"Because in our world, details are everything!"

The future awaits: our latest applications & new markets

Our augmented product strategy with flexible solutions allows for quick adaptation to diverse market needs. Building on 40 years of success in **plastics**, **nonwovens**, **technical textiles**, **paper** and **glass**, we successfully re-entered the **metals** market with solutions for **steel**, **aluminum** and other **non-ferrous** metals and processes.

Cutting-edge software solutions built on deep learning, artificial intelligence and neural network architecture, enable inspection of materials that defy conventional approaches. Our customers enjoy fast and perfect defect detection with minimal input. Simplifying every-day tasks, such as defect library creation, they can focus on what really matters.

Dr. Schenk is at the forefront of **new energy applications**, with advanced solutions for the inspection of battery cells, fuel cells, and solar modules. They support nearly every stage in the production of battery separator foils, battery electrodes (Al or Cu, coated/uncoated), fuel cell electrodes and catalyst coated membranes, MEA, including bipolar plates (metal, graphite, composite), and solar modules. In 2024, we demonstrated how automatic optical inspection assists in optimizing production and enhancing the safety and efficiency of batteries and fuels cells at events around the world.

Looking ahead, we see significant potential for Dr. Schenk solutions in **structured surface inspection**, such as **genuine leather**, **synthetic leather**, **wood**, **decorative films**, **composites**, **glass fabrics**, and **prepregs**. As we continue to set global standards in inspection technology, our curiosity and passion for innovation drive exploration of new applications.



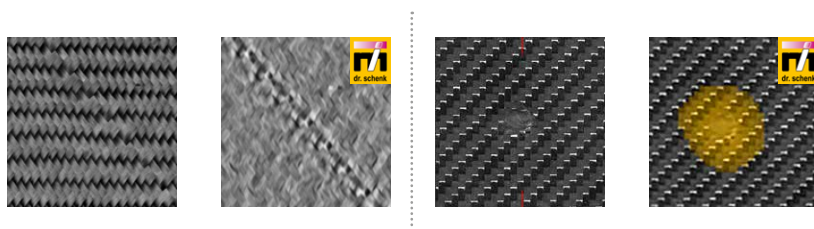
Structured surfaces: carbon examples

Inspecting structured surfaces presents unique challenges due to the inherent complexities of these materials. Surface variability, non-uniformity, color differences, and texture sensitivity demand advanced technology and skilled evaluation.

High-performance **carbon fiber fabrics**, for instance, are critical in industries such as aerospace and automotive, where even minor defects can have severe consequences. The intricate weaves and varying patterns of these materials require inspection systems capable of detecting defects such as misaligned fibers, holes, folds, or contaminants.

Conventional systems struggle with the dark color, low reflectivity, and high production speeds typical of these materials, as well as the vast amounts of data that must be processed efficiently in real-time.

Dr. Schenk solutions rise to the challenge: the images below demonstrate how conventional inspection systems barely detect weaving irregularities in carbon non-crimp weave (left pair) or missing structures (right pair) versus what a Dr. Schenk solution can make visible.



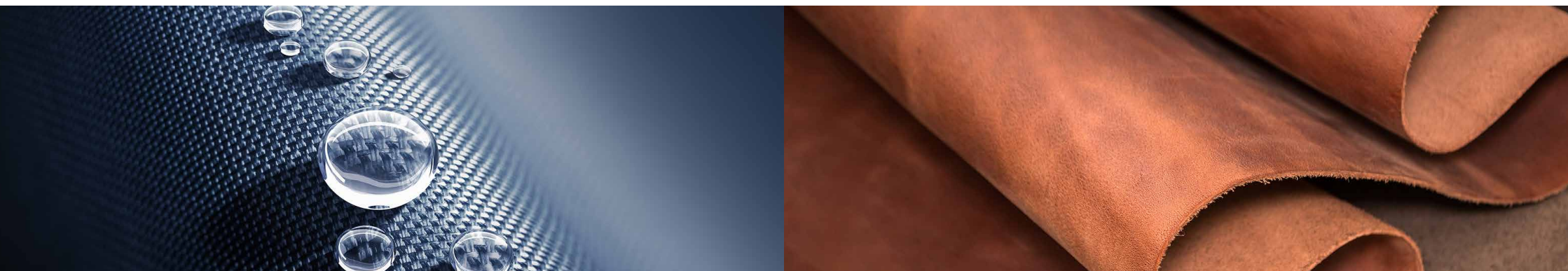
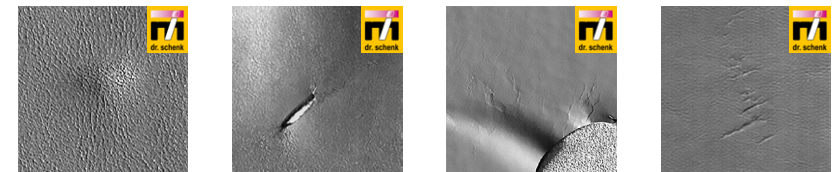
Structured surfaces: natural leather examples

The variable appearance of marks in **natural leather** make it challenging to identify quality zones. This used to make objective, reliable automated inspection unattainable. Dr. Schenk's high-speed, intelligent line-scan cameras are paired with specialized illumination units for different optical configurations. This advanced technology precisely detects and qualifies natural flaws in cowhides.

Our software developers rigorously tested various approaches to a robust and user-friendly evaluation method. Powered by data from thousands of hides, our AI solutions now offer customers a convenient and reliable starting point.

Given the wide-ranging uses of leather – from automotive interiors to fashion accessories – our systems are designed to meet diverse quality specifications. Dr. Schenk's proprietary software is based on decades of industry insight and our customers can easily adapt systems to their needs.

Dr. Schenk solutions are available for nearly every step in the production of materials with structured surfaces. And we are proud to have supplied Dr. Schenk leather inspection solutions to multiple premium car manufacturers.



Every surface tells a story: Dr. Schenk listens to them all.

- Plastics
- Nonwovens
- Metals
- Paper
- Glass
- Display & Touch Panels
- New Energy
- Structured Surfaces



Inspection & Monitoring Solutions for all base and converted materials.

Stay in touch – anytime, anywhere.

