

# SCHNEEBERGER



**High precision  
moving  
your industry**



**A.MANNESMANN**  
A member of  
SCHNEEBERGER linear technology

COMPANY PROFILE

# A FLAWLESS COMMITMENT

## Our world, the path so far

Founded in 1796 and based in Germany, A.MANNESMANN has expanded during centuries and nowadays operates globally: an export-oriented reality, with a long-lasting expertise,

**know how is grown over years.**

A.MANNESMANN is a global leader in **high-precision ball screw and machine components**, setting the latest standards in technical expertise and economic efficiency.



## The latest technologies, on-point competencies

We specialize in manufacturing a range of intricately designed machine components that exhibit exceptional geometric sophistication and rotational symmetry. These elements are characterized by their remarkably slender profiles, while maintaining the utmost precision and accuracy.



## A STORY OF PRECISION



1796

A.MANNESMANN industrial activities started. Perfected metal processing, securing a unique market position.



1885

Discovery of seamless tube rolling method revolutionizes metal hollow body production across sectors. In 1885, Mannesmann pipe works branches off.



1939

Under Wilhelm Schenck's leadership, A.Mannesmann excels in precision machine element production.



2012

A.MANNESMANN focuses on technical advancements, earning the Reinhard and Max Mannesmann Award in 2012 for innovative ball screw development.

# PRECISION, QUALITY AND EFFICIENCY: OUR VALUES BEYOND STANDARDS

- Guided by **precision**, A.MANNESMANN excels in delivering high-quality products.
- Our **employees** have always been our **greatest asset**. We believe in human resources, and on people.
- Continuous investments in modern machines and production centers enhance market **competitiveness**.
- Optimized process management through an integrated ERP system ensures efficient operations.
- A certified quality assurance system (DIN EN ISO 9001 and 50001) guarantees consistent **excellence**.



**2016**

A.MANNESMANN expands production area with a new 3,000 m<sup>2</sup> hall. Machine elements manufactured in a total area of approximately 9,000 m<sup>2</sup> and sold globally.



**2017**

The SCHNEEBERGER Group, headquartered in Switzerland, acquires full control of the shares of A.MANNESMANN.



**2021**

New Product SBS: Introducing the SCHNEEBERGER Ball Screw (SBS). Achieve optimal price-performance ratio with enhanced capabilities.



**2023**

Today, a technology leader in ball screw manufacturing and much more.

# A CUSTOMIZABLE APPROACH, YOUR SUCCESS



BALL SCREW

Take your business to new heights of productivity and efficiency with our cutting-edge, high-performance technologies!

We focus on developing products that meet future needs, taking today's solutions to the next level. Our approach combines **early-stage customization** with our **ever-growing expertise** as **manufacturers**.

Our skilled **engineers, designers,** and **technicians** consistently develop advantageous solutions for our customers. Their innovative know-how has led to unique, **patent-worthy practical solutions**.

**Discover the precise balance between technological accuracy and human experience.**



TELESCOPIC  
ACTUATORS



BORING SPINDLE  
ASSEMBLIES

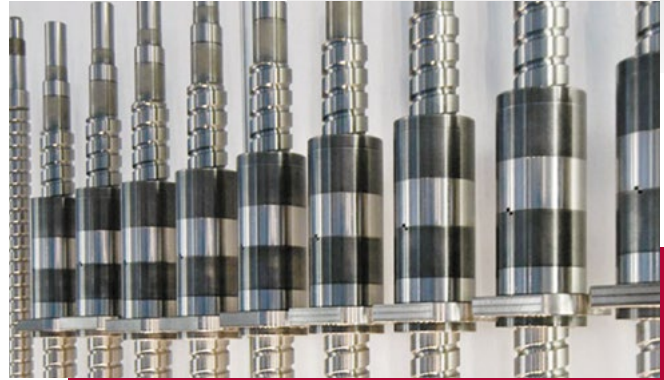
# BALL SCREW

Our **flagship product**, high-performance ball screws, are known for their durability and proven track record, contributing to create the impossible.

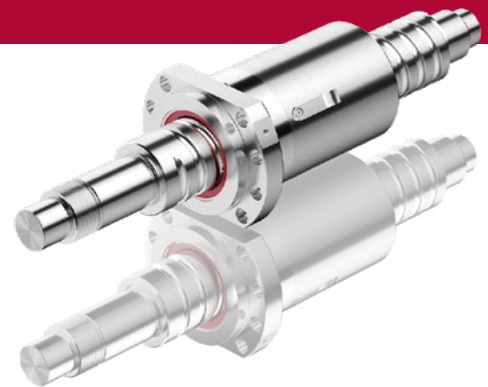
Through **ingenious design**, careful **material selection** and precise production, our ball screws achieve maximum axial stiffness, positioning accuracy, low torque, and minimal operating temperatures.

The ground surfaces of the nut and spindle ensure high wear resistance and trouble-free operation for years to come.

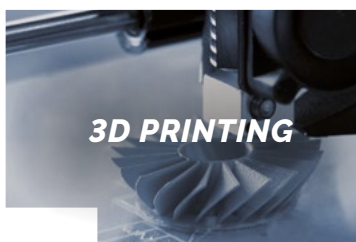
A.MANNESMANN provides **confidential consultancy support to customers** from the initial stages of new projects, offering guidance on functional, manufacturing, and cost optimization.



- Ø 25 TO 160 MM
- UP TO 15 M TOTAL LENGTH
- SPEED 0 ... 150 M/MIN.
- MAX. ACCELERATION 20 M/S<sup>2</sup>



## **INDUSTRIES APPLICATION:**



- UP TO 4 STAGES
- TRAVEL RANGES UP TO 400%
- UP TO 5 M TOTAL LENGTH
- OPTIONAL: HOUSING AND DIRECT MEASURING SYSTEM



## TELESCOPIC ACTUATORS

A.MANNESMANN holds a unique market position as a producer of telescopic actuators featuring multiple stages for high stroke proportion and compact design.

They offer advantages such as backlash prevention, low frictional torques, high efficiency, stiffness, smooth start-up, quiet operation, and long-term precision. With **micrometer-level positioning accuracy.**

## BORING SPINDLE ASSEMBLIES

A.MANNESMANN's expertise drives the development of high-dynamic boring mills in collaboration with customers.

Well-known machine producers benefit from their smooth-running, precise and long-lasting external driven boring spindle assemblies.

Our assemblies offer **extraordinary balancing quality, high revolutions,** and **deep nitriding** for **optimal performance.**

We are also specialized in inside grinding of bearing seats in rams, providing complete assemblies.

- UP TO 6 M TOTAL LENGTH
- Ø 100 TO 260 MM
- ROUND TURNS < 3 µM
- HIGHEST HARDNESS APP. 900 HV
- PAIRED WITHIN 4 TO 5 µM



# OUR GROUP, THE FUTURE AHEAD

## SCHNEEBERGER

Since 2017, we are proud to be part of a big family, with a long heritage and a bright future.

SCHNEEBERGER sets new standards in durability, reliability and efficiency with its linear guideways.

Renowned worldwide, the company invests in quality improvements and cost optimizations at production locations in Switzerland, Germany, the Czech Republic, and China.

**As an independent and customer-focused company, SCHNEEBERGER's successful business strategy distinguishes it primarily in the global linear motion technology market, but its expansion towards new markets continues relentlessly.**

Worldwide



Group

  
High quality

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