

**SCHNEEBERGER press release IMTS 2022**

**SCHNEEBERGER at IMTS 2022 Spotlights Mineral Casting, Linear Positioning & Motion Systems, and Innovative Technology**

*SCHNEEBERGER Inc. Linear Technology will spotlight its mineral cast machine structures, precision positioning and motion systems, MINIRAIL miniature guideways, linear ball guideways, MONORAIL AMS distance measuring system, gear racks, ball screws, and more at **IMTS 2022 in booth 134837.***

SCHNEEBERGER mineral casting technology, as well as the company's 30 years of experience in manufacturing precision systems, the most comprehensive range of solution capabilities, and the broadest line of components, will be on display in [booth number 134837](#) throughout IMTS 2022. Highlights include:

- [Mineral Casting](#) takes center stage as George Blaha presents "[Mineral Casting: The "Organic" Solution for Eliminating Vibration in Production Machinery for Greater Speed, Precision and Environmental Protection.](#)" Tuesday, Sept. 13, at 3:15 pm CT in the McCormick Place West Building - W193-A. Blaha will detail mineral casting technology as the organic solution to use in production machinery bases and foundations as a strategy to achieve exceptional vibration damping, chemical resistance, and environmental sustainability. Applications include metal grinding machines as well as the solar, electronics, packaging, and medical device sectors. Blaha is General Manager, SCHNEEBERGER Mineralgusstechnik s.r.o., and Executive Board Member, SCHNEEBERGER Group.
- SCHNEEBERGER's [Precision Positioning and Motion Systems engineering expertise](#) is spotlighted in the form of a fully-functioning demonstration of a complete linear motion technology system featuring the company's leading and most innovative linear motion components. When linear technology components are designed as a system to work together to create the most effective solution for machine movement, OEMs are enabled to accelerate design and manufacturing speed, reduce assembly time and labor — and achieve a lower total cost of ownership.

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- [MINIRAIL miniature guideways](#) provide high precision, robustness, reliability, and versatility. As a result, MINIRAIL guideways are ideal for medical equipment, additive manufacturing, and other applications when space is at a premium and where high acceleration and/or extreme load values are involved.
- [MONORAIL AMS](#) integrates a measuring head and scale onto MONORAIL profiled linear guideways for distance measurement when space constraints and performance. MONORAIL AMS solutions boast a 25-year track record as proven technology, are machine-compatible and ready to install to reduce the lifetime costs of mechanical engineering and automation applications.
- [MONORAIL BM profiled linear guideways](#) (with balls) deliver maximum precision and increased service life — with minimal maintenance. All carriages feature longitudinal cross wipers for efficient sealing against dirt and debris.
- [MONORAIL MR profiled linear roller guideways](#) feature the high precision, high rigidity, great dynamic and static load carrying capacity, outstanding running smoothness, and total enclosure of the carriage as required for use worldwide in many machine tool applications. The results: Higher machining rates and enhanced geometrical accuracy and surface quality for workpieces, and improved vibration behavior and smaller vibration amplitudes for extended tool life.
- [Gear racks](#) enable linear movements over almost limitless stretches. They are well-suited to use in large machines and systems as an economical solution when machine components with large axial forces require long linear movement with consistent stiffness over the rack length. Dirty working environments are no problem, and there are cost-efficient solutions for all applications.
- [SBS ball screws](#) efficiently deliver high precision positioning and repeat accuracy, operate smoothly, and hold constant torque due to their precision-ground and hardened ball contact surfaces. Equally suitable for use at high and low speeds, as well as oscillating short stroke movements, SBS ball screws are ideal for demanding applications such as machine tools and measuring and testing equipment.

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- [SLA Actuators](#) meet the demands of any precision linear motion control application with unique high-performance linear positioning and quality engineering in a compact design. SLA Actuators utilize recirculating ball linear guides that ensure smooth motion and high load capacity — all at an economical price.

All SCHNEEBERGER solutions featured at IMTS 2022 are immediately available. For more information, visit SCHNEEBERGER at IMTS 2022 in [booth 134837](#), on the web at [www.schneeberger.com](http://www.schneeberger.com), or call 1-800-854-6333.

### **About SCHNEEBERGER Inc.**

SCHNEEBERGER® Linear Technology has been offering precision innovative linear motion solutions since 1923. Headquartered in Switzerland with its U.S. base in Woburn, Massachusetts, the group operates worldwide as an established OEM supplier in several sectors. Its high-quality standard and customized offerings include linear bearings, profiled guideways, measuring systems, gear racks, ball screws, positioning systems, and mineral casting. Visit [www.schneeberger.com](http://www.schneeberger.com).

### **SCHNEEBERGER group**

SCHNEEBERGER® operates worldwide as an established OEM supplier in a wide variety of sectors – from the solar, semiconductor and electrical industries to the machine tool and medical devices sectors, and beyond. The product and manufacturing program includes linear bearings and profiled linear guideways as well as measuring systems, gear racks, slides, positioning systems and mineral casting. A.MANNESMANN, headquartered in Remscheid, Germany, has been part of the SCHNEEBERGER Group since October 2017. werotec ag, headquartered in Reigoldswil, Switzerland, has also been part of the SCHNEEBERGER Group since early 2018. werotec ag's core competence lies in precision grinding technology and in the complete production of anti-friction bearing rollers.

Order SCHNEEBERGER product images by email or simply call us.