

## Press Release SCHNEEBERGER PULSE PRO Guide System

**PULSE PRO - Product launch at EMO 2025!****Reduction of Micropulsation in Profile Guideways by a Factor of Two with the New Design of the MONORAIL PULSE PRO Guide**



*SCHNEEBERGER once again sets benchmarks in linear technology. The PULSE PRO impresses with its robust construction and outstanding stability, ensured by innovative design features such as an optimized roller guide and the use of eight independent roller rows. This new design has reduced micropulsation by a factor of two, enabling even more precise linear guidance. Once again, SCHNEEBERGER demonstrates that it is a leader in the development of forward-looking industrial solutions.*

The MONORAIL PULSE PRO carriage is characterized by a robust construction. The front plate covers the end plate and is securely connected to the main body by four screws, ensuring superior stability. It is fully compatible with the proven MONORAIL MR 45-B system, allowing an upgrade by simply exchanging the carriage and rail without requiring extensive modifications to the surrounding structure.

A key feature of the MONORAIL PULSE PRO guide system is the reduced stroke pulsation and increased stiffness. Unlike conventional systems, the MONORAIL PULSE PRO uses eight independent roller rows in the rolling body circulation, which further reduces micropulsation, thus enhancing precision—ideal for precision applications. This carriage has been developed in accordance with DIN 14728 standards, meeting the industry's stringent requirements.

The MONORAIL PULSE PRO is particularly suitable for applications in the machine tool industry, such as gear machining, honing, or grinding. Thanks to its ability to ensure high accuracy and stiffness under various conditions, it is a reliable choice for industries that demand consistent and long-term performance.

With the introduction of the MONORAIL PULSE PRO, SCHNEEBERGER continues to set new standards in linear technology and offers innovative solutions tailored to the evolving needs of our customers.

	
Robust design with front panel and four fastening screws	Independent rows of rollers in the rolling element recirculation system

**SCHNEEBERGER Group**

SCHNEEBERGER is a global OEM supplier serving industries such as machine tools, semiconductors, medical technology and more. Our extensive portfolio includes linear guides, measuring systems, racks, slides, positioning systems, ball screws and mineral casting. SCHNEEBERGER is known for excellence and innovation and is committed to delivering high-performance solutions that drive industrial progress.