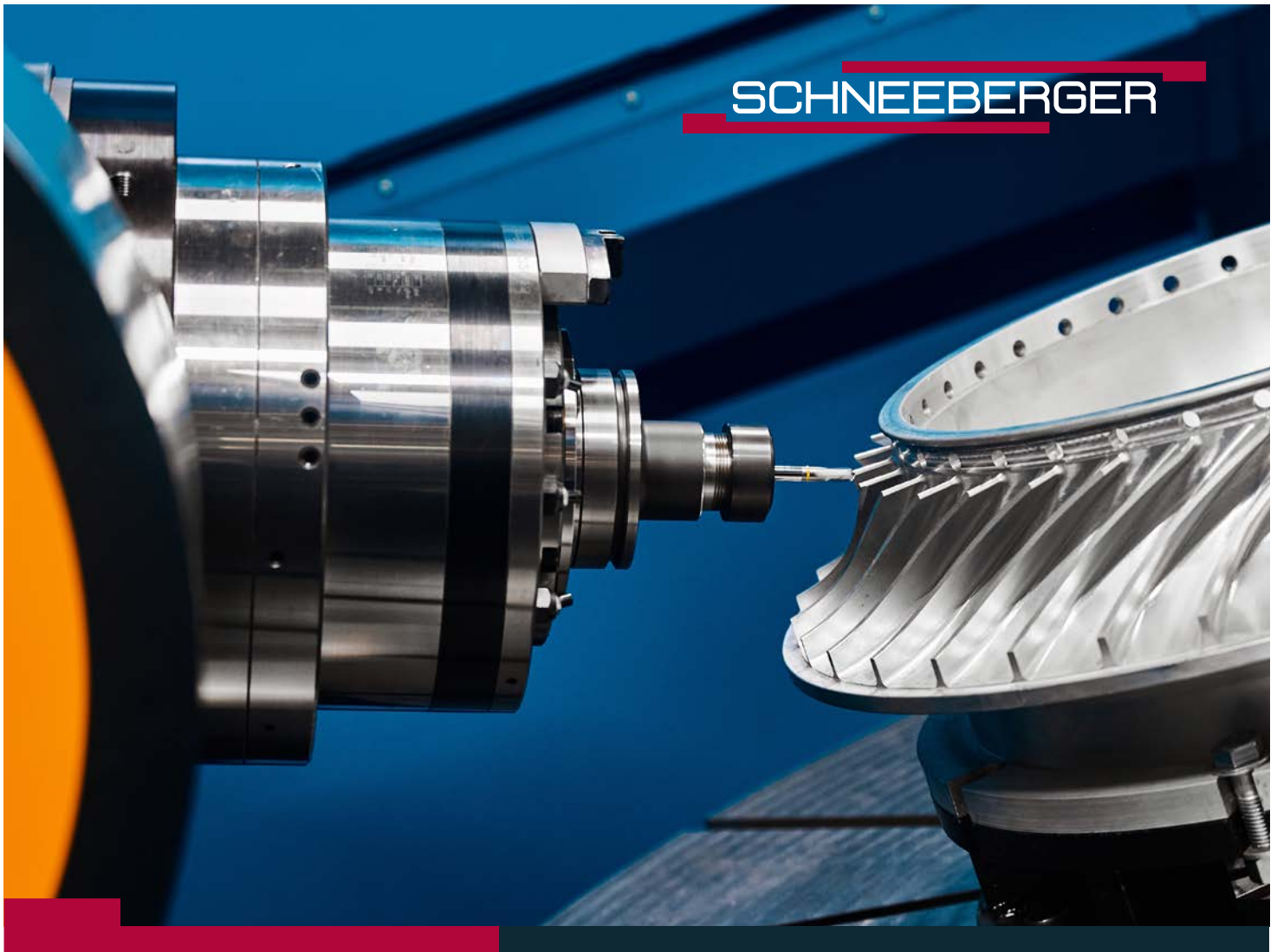


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## Integrated Measurement Technology for Highly Productive and Precise Machine Tools

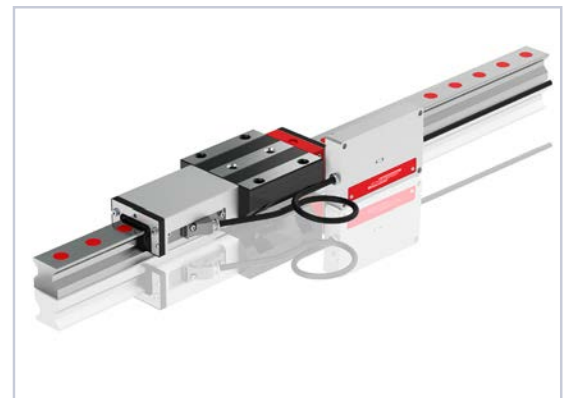
Reliable • Proven • Easy to Install  
Sustainable • Space-Saving



## Quick to Integrate. Precise in Operation. Integrated instead of attached – freeing up installation space in the machine.

Position feedback is integrated directly into the profile rail guide. Installation and commissioning are fast and alignment-free – compact, efficient, repeatable.

- **Saves installation space** – position measurement integrated into the profile rail.
- **Machine upgrade** – simple and fast retrofit.
- **Absolute position feedback** – ready with position data right at power-up.



## Rugged & Low Maintenance Ready for harsh environments.

Magnetostrictive sensing and a sealed design ensure reliable measurement under shock, vibration, and contamination – IP68 rating, purge-air-free operation, and integrated condition monitoring.

- **IP68** – Industry-leading sealing for harsh environments.
- **Condition monitoring** – built-in fault and status reporting.
- **Reduced service demand** – Shorter repair time (MTTR).





### Long axes? Modular Scaling. Scalable lengths, continuous measurement.

Modular rails can be combined to virtually any measuring length. Measurement remains continuous across rail joints – individual segments are fully replaceable, multiple read heads per axis possible.

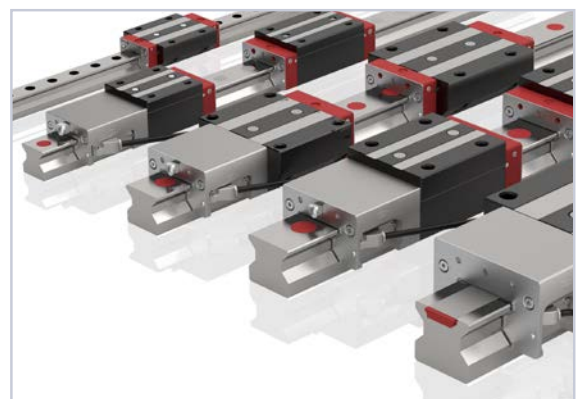
- **Modular design** – scalable measuring lengths for long axes.
- **Full replaceability** – individual rail segments can be exchanged.
- **Time savings** – automatic scale alignment during assembly.



### Precision & Process capability Direct measurement – better manufacturing

Position feedback is located where it matters most: in the guideway. Absolute or incremental versions deliver stable position data – from power-up through series production.

- **Integrated measurement** – position feedback without external add-ons.
- **Absolute or incremental** instant position on power-up (absolute) or high-resolution counts (incremental)
- **Multiple read heads per axis** – redundancy, reference or process functions.





## Interfaces & CNC Integration Plug in, parameterize, produce.

Compatible with all major controls and protocols – from serial industrial protocols to RS-422. This reduces integration effort and accelerates commissioning.

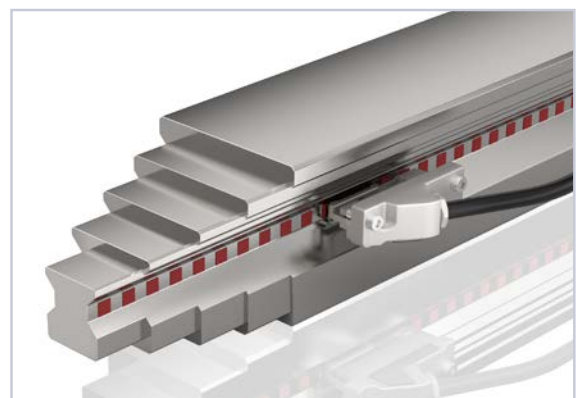
- **Plug-&-work** – Mechanically integrated, electrically connected in no time.
- **Easy parameterization** – reduces commissioning time.
- **Broad interface compatibility** – e.g., Siemens DRIVE-CLiQ, FANUC, Mitsubishi, SSI, BiSS – plus RS-422 (quadrature) and 1 Vpp (sin/cos).



## Fewer Variants. Less Effort. Lower Cost.

One read head for all rail sizes, modular exchangeable segments, and purge-air-free operation reduce cost in procurement, operation, and service across the entire lifecycle.

- **One read head for all sizes** – lower inventory.
- **Purge-air-free operation** – contamination-tolerant measurement reduces cost.
- **Resource-friendly** – replace single segments instead of the complete axis.





Essentials for the Best!

**SCHNEEBERGER**

## SETTING THE GOLD STANDARD IN PRECISION TECHNOLOGY

A century of expertise

Linear bearings pioneers

Family-owned and operated



### Global Presence

15 subsidiaries worldwide

14 global production sites

100'000 sqm production area worldwide

Corporate HQ in Roggwil Switzerland

> 1'400 employees worldwide

> 4'000 customers trust in SCHNEEBERGER

100 patents

# Worldwide Group

ESSENTIALS FOR THE BEST

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LINEAR BEARINGS AND RECIRCULATING UNITS  
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BALL SCREWS

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WITH INTEGRATED MEASURING SYSTEM  
POSITIONING SYSTEMS  
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