

# YOUR ADVANTAGES

- ✓ **No significant changes** required within the machine structure
- ✓ **Cost-effective alternative** to expensive measuring hubs and measuring shafts
- ✓ **Easy integration** into your machine and software via conventional interfaces (e.g. CANBUS)
- ✓ **Your data**  
– **your** data processing
- ✓ **No ongoing costs** for licences, app usage, etc.
- ✓ **Shared data evaluation and utilisation** for development projects
- ✓ **Long-term cost advantages** through the practical design of your drive system



# OUR STRENGTH: SPECIAL GEARBOXES

At Rögelberg, we've been your partner for special solutions – for over 50 years. Continually committed to developing the best gearbox solution for your individual application area.

## More information:



**Special gearboxes**  
Our core competence



**Standard gearboxes**  
Proven solutions



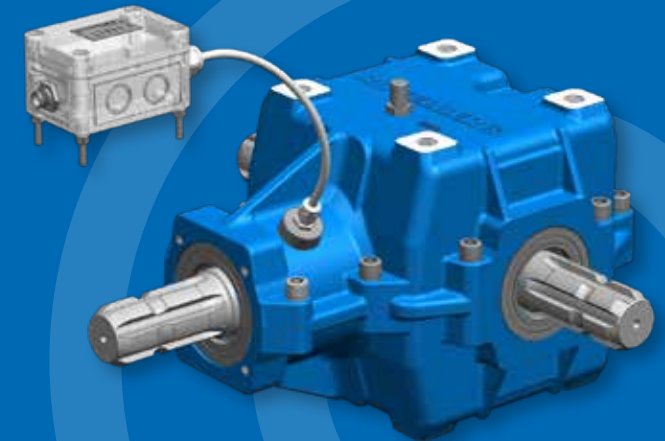
**Our image  
brochure**

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# INTEGRATED MEASUREMENT TECHNOLOGY

For prototype, pre-series, and series gearboxes



 **RÖGELBERG**  
Getriebe

# SPEED AND TORQUE MEASUREMENT TECHNOLOGY

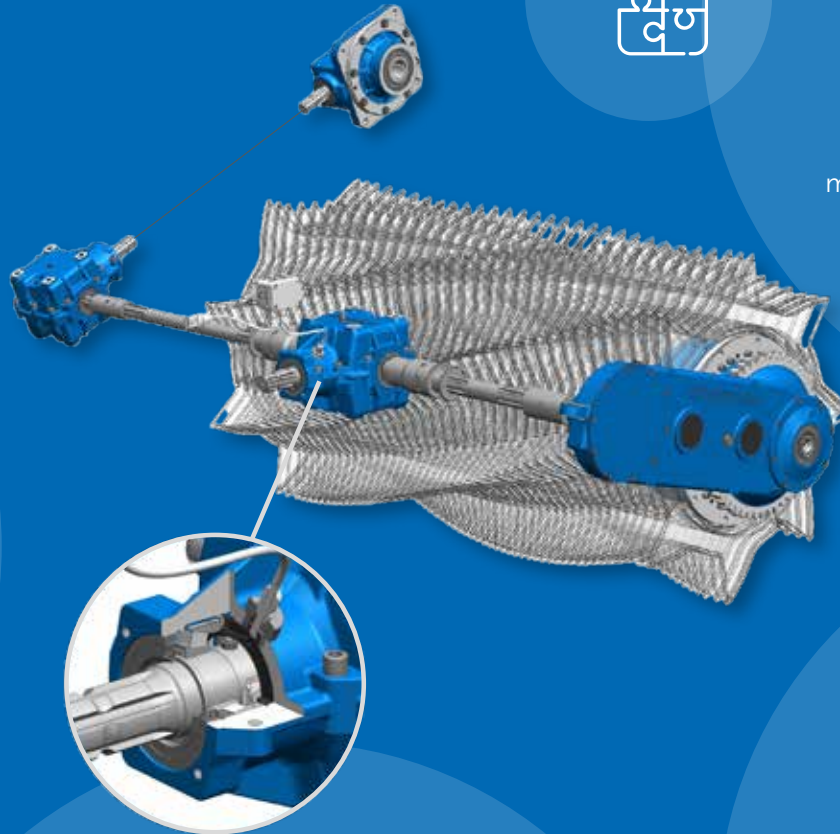
A new level of collaborative development: with integrated measurement technology in prototype, pre-series and series gearboxes, you obtain valuable measurement data. Through joint evaluation, we optimise your drive system in line with practical requirements, strengthen your expertise and secure long-term cost and competitive advantages for you.



## Highly compact design

The axial length of the measuring point is independent of the shaft diameter (>30 mm) and is only 22 mm for the tangential sensor. This allows a measuring point to be easily applied to most shafts.

With dimensions of 65 x 94 x 55 mm, the evaluation unit box is also very compact.



## Optionally integrable

The measuring point can be integrated into the gearbox with minimal modifications to the housing and shaft. These adaptations do not result in significant additional costs.

Thanks to its modular design, gearboxes in a series can be equipped with or without measurement technology, allowing for different machine classes to be accommodated.



## Flexibly adaptable

The solution can be adapted to different shaft diameters and installation situations, e.g. through antenna production using 3D printing.

In dirt-protected areas, the solution can also be applied outside the gearbox, e.g. on the drive shaft between diesel engine and gearbox.

## Also available as a retrofit solution

Thanks to its high interface compatibility, the solution can be seamlessly integrated into existing systems.

