





Experts in motion

When it comes to the **infinitely variable mechanical control of speeds** in drive technology, we are your **specialist**. We are the only manufacturer in the world to offer you the entire range of **symmetrical** and **asymmetrical** variable speed disc technology for power transmissions from **0.25 to 200 kW**.

'In the knowledge that **every industry** has very different **requirements** for systems and machines, we offer **customized products**. Whether **high torque, high speed, particularly hygienic** or for **high loads**: We will find the **right solution** for you!'

Manuel & David Tappeiner | Management of BERGES



Vision / Mission

VISION

'We are the global market leader. Our **partners** in mechanical engineering as well as gearbox manufacturers **rely** on our **expertise** in drive technology to guarantee **customer proximity** and the highest **quality**. As an **attractive employer**, we are aware of our **social responsibility**.'

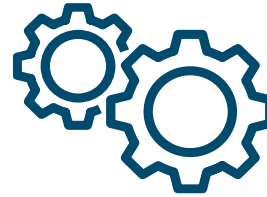
MISSION

'Customer- and **application-orientated developments**, a broad **product portfolio**, the highest level of **quality awareness** and goal-oriented action by all those involved at two production sites are the basis of the **trusting relationships** with our business partners and guarantee a stable and reliable long-term **perspective** for our **customers** and **employees**.'





- Worldwide, direct partner
- 2 locations in NRW (Germany) and South Tyrol (Italy)



- Innovative solution expertise
- Customised solutions
- Cross-industry and cross-application expertise



- Medium-sized family business with over 100 years of experience
- 50 employees



- Highest quality and process standards
- Iso 9001, measuring rooms, measuring machines, QM
- ATEX certification for variable speed geared motors



- Direct exchange with customers
- Cooperation at eye level
- High IT integration through ERP and EDI



- Delivery reliability of > 96%
- 16.000 variable speed pulley per year



History 1926 - 1970

1926

Foundation of the machine factory C.&W. Berges in Marienheide (NRW / Germany)

1940

Range expansion through variable speed pulley technology

1949

Patent 922979: Transmission for V-belts

1970

Foundation of Berges Italiana GmbH in Naturns (South Tyrol / Italy)



History 2003 - 2021

2003

Takeover of the asymmetrical variable speed pulley technology from Becker

2010

Start of parts production for drive technology customers

2018

Takeover of Berges Italiana GmbH by Berges Mechanics GmbH

2021

Takeover of Berges Antriebstechnik GmbH & Co. KG by Berges Mechanics GmbH



Product portfolio



Symmetrical variable speed pulleys



Asymmetrical variable speed pulleys



Variable speed geared motors



Applications



Mixers and agitators



Pumps



Conveyor systems



Tooling machines



Filling machines



Construction machines



Textile machines



Agricultural machines



Food processing



Symmetrical variable speed pulleys

The symmetrical adjustment discs from Berges are characterized by high quality features:

- Uniform flank contact pressure
- Wedge-shaped symmetrical cross-section
- High power transmission with low mass





Asymmetrical variable speed pulleys

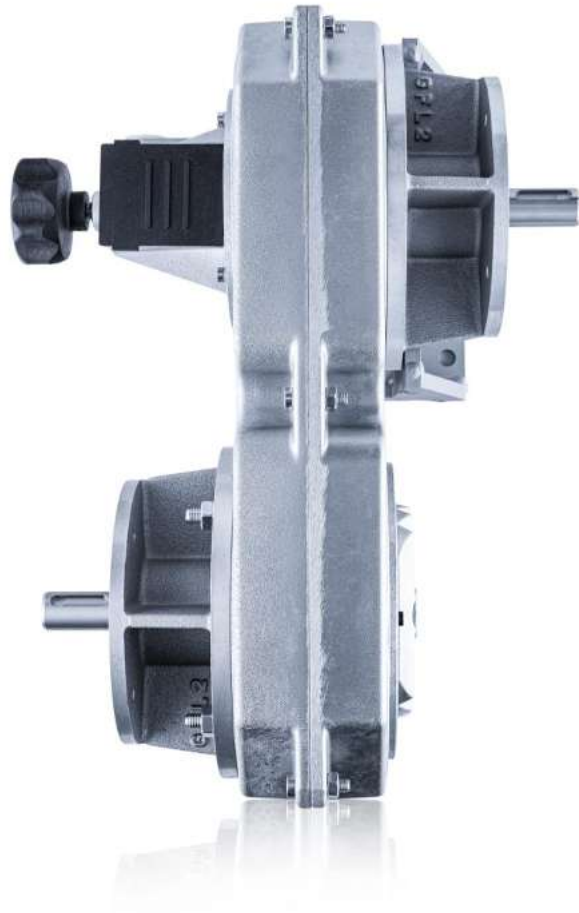


- High power transmission up to 200 kW
- Torque-dependent cam pulleys

Asymmetrical output-side **cam pulleys** have a **torque-dependent pressure device** that automatically and permanently ensures **optimum axial pressure on the V-belt** and thus prevents belt slippage during **shock and overload operation** or when starting up machines, while at the same time protecting the belt in normal operation and ensuring a correspondingly **long belt service life**.



RGAE-Assmebly units



BERGES RGAE consist of housing, adjusting pulleys and wide V-belts and can be supplemented by **gearbox flange / gearbox foot**.

On the output side, the RGAE mounting units can be equipped with a foot or flange bearing and double-bearing shaft (gearbox flange) for connecting **any drive elements** and for direct mounting of reduction gearboxes with **IEC connection dimensions**



ATEX variable speed geared motor



The variable speed geared motors from Berges provide the perfect solution. **Any combination of gearbox type and motor design** is possible

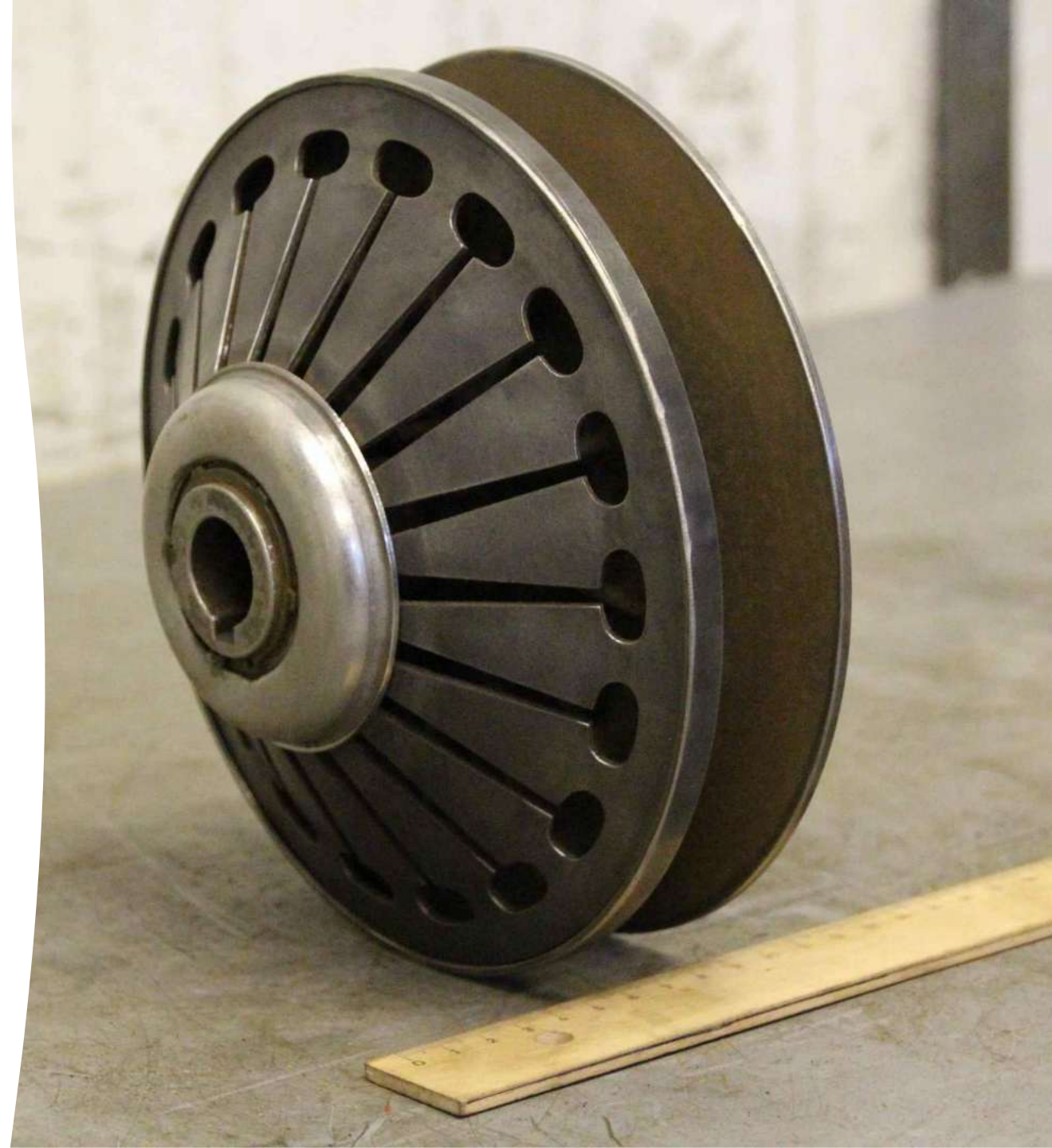
ATEX variable speed geared motors from Berges are explosion-proof in accordance with Directive **2014/34/EU** and classified for **equipment group II of categories 2 and 3 - EX II 2 G h IIB T4 Gb and EX II 2 D h IIIC 135°C Db**. They are optionally available with reduction gear or gear flange.



Retrofit

'Do you have various variable speed pulley drives in use and need a replacement?'

We at Berges have specialised in exactly this for almost 100 years. We have **1-to-1 compatible products** in our portfolio for all common drives.





References Retrofit



**Changeover from Lenze to
Berges for band saws**



**Changeover from Lenze to Berges
for automatic tapping machines**



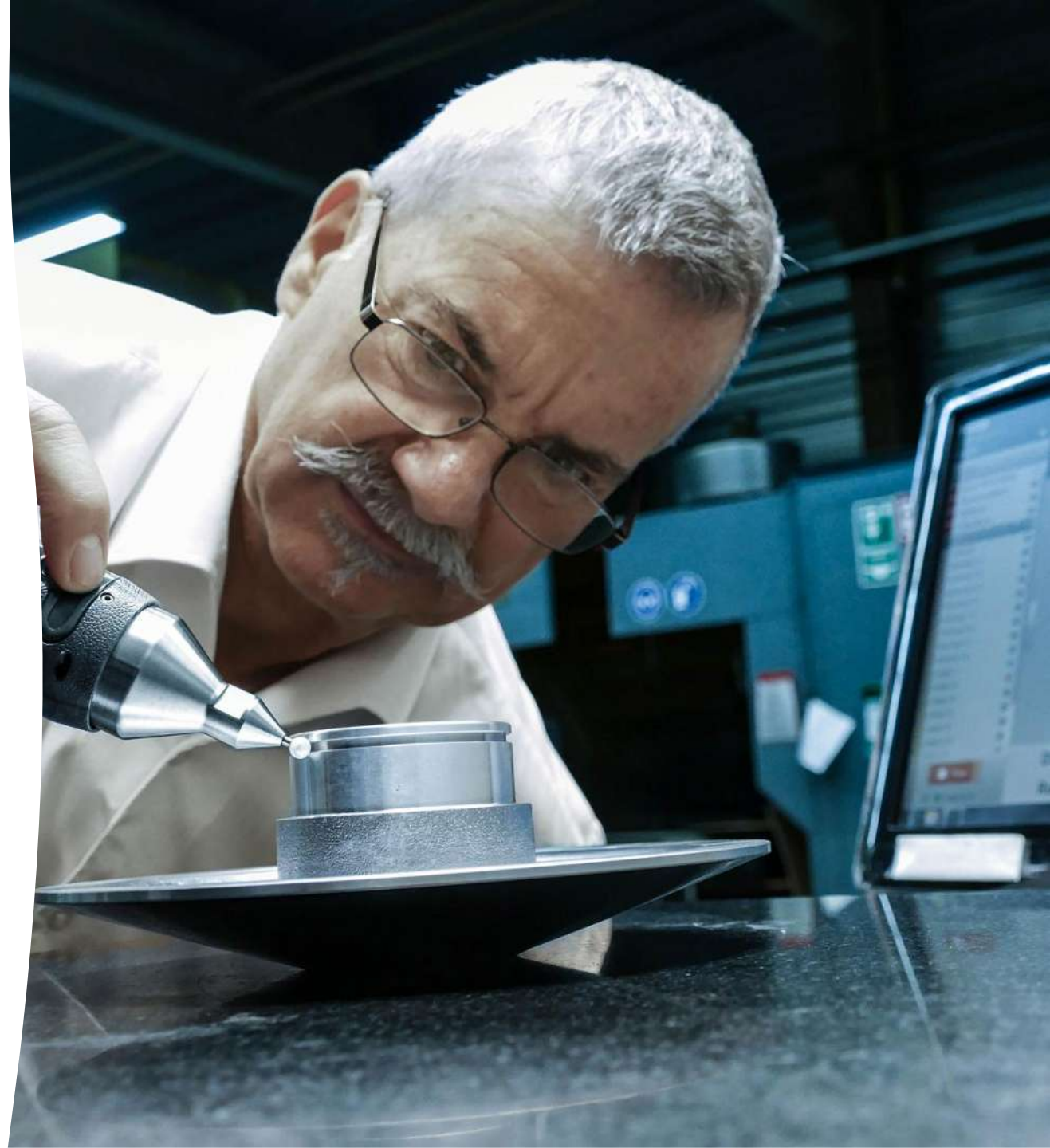
Berges Quality

Our **customers' satisfaction** has always been our top priority.

We achieve this by delivering **consistently high product and process quality**.

We guarantee high **product quality, safety** and **transparency** through continuous **process** and **quality measurements**.

The satisfaction of our customers over many years confirms our **quality standard**, which we will continue to maintain ambitiously in the future.





Berges in agricultural machinery

As an agricultural machinery manufacturer, **reliability** and **efficiency** are two key issues that are always in focus.

Whether harvesting machines, combine harvesters or forage harvesters, every machine must be able to withstand **24/7 operation**.

Main and auxiliary drives must be able to withstand the **highest loads** and be **weight-optimized** at the same time.

Our variators with spring contact pressure or torque-dependent contact pressure curves fulfil precisely these criteria.

Our **customised system solutions** are tailored precisely to your requirements profile.





References in agricultural machinery



haldor

C-65 und C90



Classic und Quantum



Zürn 150 und Zürn 160



Berges - Partner for parts production

You are looking for **reliability**, technical **precision**, top **quality** and **cost-effectiveness**.

We have been a reliable and **competent partner** in precisely these areas for almost 100 years.

In addition to mechanical machining processes such as **turning, milling, honing, grooving** and **balancing**, we also specialise in component assembly.





References Parts production

SIEMENS

Labyrinth and sealing systems for
railway gearboxes

 **Doppelmayr**

Bolts for cable cars

INNOMOTICS

Flanges, lanterns and adapters
for industrial gearboxes



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