

A calender with standardized industrial gear units

Optimal solution for tire industry

Industry

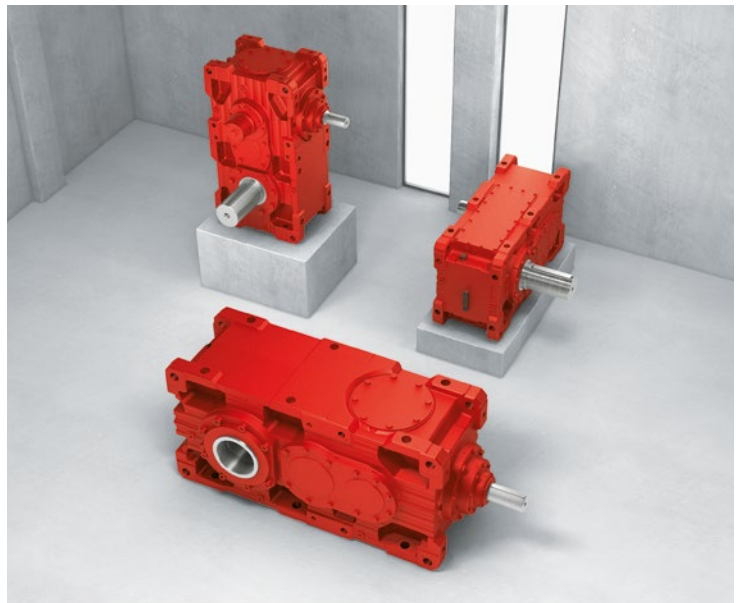
Tire industry

Solution

2-roll calender

Customer / machine builder

KraussMaffei Berstorff,
Hanover, Germany



Modern and cost-effective solutions for calenders

The use of standard industrial gear units means that no complex special designs are required.

- Reliable and robust solution with high torque
- Standardized industrial gear units
- Direct mounting of compact solo geared motors (also with planetary gear units)
- Cost reduction due to elimination of special designs
- Significant reduction in maintenance efforts

1



30 degrees

Our DRN.. motor offers a high safety function thanks to our integrated brake. This brings the calender rollers to a standstill within 30 degrees in the event of an emergency stop, even at maximum speed.

2



4-stage

Our 4-stage X-gear unit is adapted to a wide range of torques and system characteristics, such as the number of rollers.

Customer feedback



→ “Thanks to the hard work of the SEW staff on site and their willingness to explore new approaches with our team, we were able to develop a standardized SEW solution that allowed us to design cost-effective machines that can be delivered quickly. We collaborated with SEW-EURODRIVE to produce four-roll calenders, which are now being used worldwide.”

Ulrich Schmager
Head of Engineering
Rubber Technology

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0.09 – 375 kW in IE3

Our DRN.. motor with integrated encoders and brakes supports global standards and norms and is therefore future-proof.

