Premium quality
Industrial Gearboxes

Your addition in transmission.
Our flexible Industrial Gearbox range

The Premium Stephan Helical Gear Units of the M-Series represent the ideal solution for all your applications in horizontal and vertical drives. Based on a modular design and construction, the high degree of interchangeability of parts and sub-assemblies among all variants effect considerable economies of production, whilst maintaining the highest standard of components and unit elements.

Industrial Gearboxes

A wide choice of ratio is available based on the R20 series. Profile ground helical gears, together with spiral bevel gears, ensure high standards of accuracy, a perfect surface finish and extremely quiet running characteristics. High quality alloy case hardening material provides long life wear resistance and fatigue strength. The high power to weight ratio of all units combined with low volume enable installation in the most difficult situations.

Your addition:

- Flexible as helical and helical bevel gear unit, foot- or flange-mounted
- Adaptable – horizontal or vertical mounting position possible
- Stable – extremely rigid housing construction
- Compact design with optimum power density
- Long operation life even under the toughest conditions
- Interchangeability of the parts within the different models and designs
- Low noise and vibration level
- Easy maintenance even in difficult initial situations
The finely graded, large torque range from 6,500 Nm to 175,000 Nm allows a tailor-made choice.

1, 2, 3 and 4 stage versions in 13 sizes.

The extremely stable and rigid gearbox housings are designed as one- or two-piece housings with horizontal parting line.

Large dimensioned shafts and bearings absorb high external loads. The parts are designed for resisting peak loads even under unfavorable operating conditions.

Optional sealing systems for input and output shaft.

Available as helical bevel and parallel shaft gearboxes.

Universal, all sides machining of the housings.

The optimized gearing and shaft geometry compensates deflection under load. Case-hardened, hard-finished gears correspond to the highest quality requirements.

Coverage of your needs over the whole bandwidth with best performance possible.

We offer the suitable gearbox for almost every requested rotation speed – flexibly adaptable to your application.

Sizes 6 – 13 are optionally available with two-piece housings and offer an easy maintenance. Whereas one-piece housings without parting line are ideal for vertical applications.

High load-bearing capacities for absorbing external forces at input and output shaft ensure a long lasting performance of the Premium Stephan Gearboxes.

These different systems make possible a high adaptability to the most different surrounding conditions and possible aggressive ambient media.

Covering many different possibilities of application.

The result is an easy and universal assembly in almost every mounting position.

The Premium Stephan Industrial Gearbox transfers higher torques for a long, low-maintenance service life.

The Premium Stephan Industrial Gearbox series includes a wide range of designs and versions and is perfectly suitable for the operation under rough and demanding operating and ambient conditions. Additional information can be found in the overview of the product program.
Our product specialist is looking forward to hearing from you:

Carsten Göbel
Business Development Manager

Mobile: +49 175 2 970 995
Fax: +49 5151 780-441
E-Mail: carsten.goebel@premium-stephan.com

Convince yourself of our further drive solutions:

+ Geared motors
+ Special industrial gearboxes
+ Planetary gearboxes
+ Fluid couplings