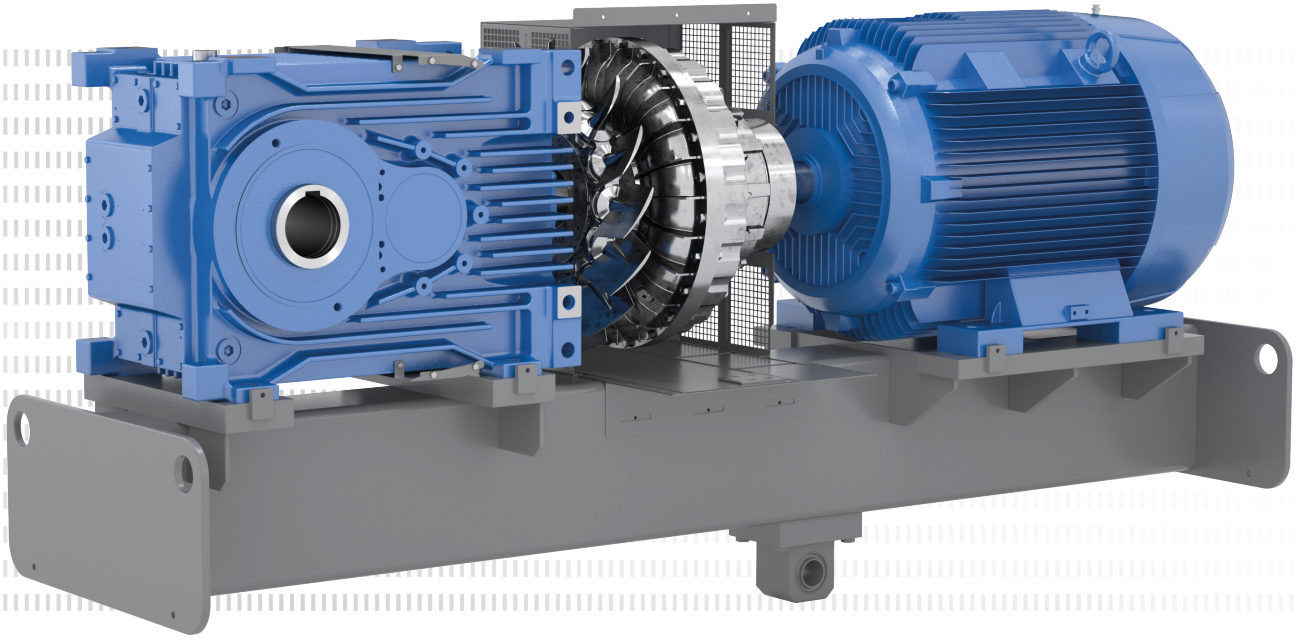


Industrial gear units

MAXXDRIVE® XT right-angle gear unit

Delivering a full drive package for bulk material handling



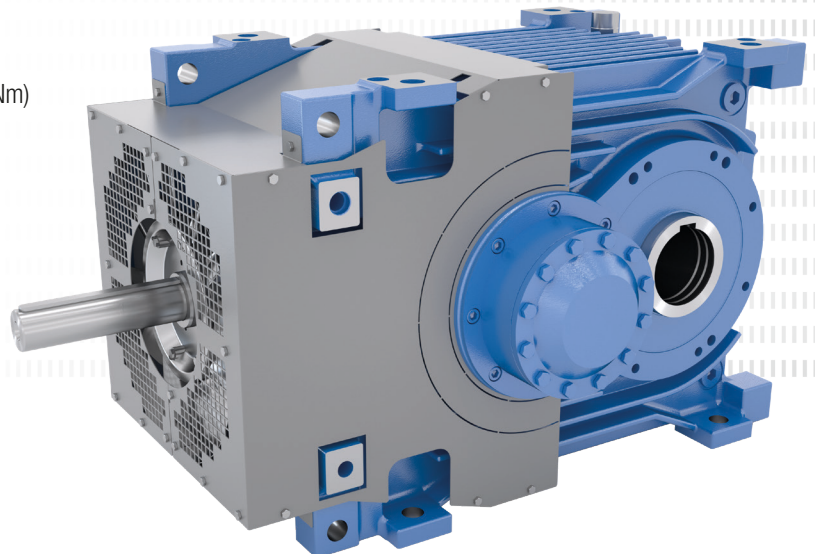
The MAXXDRIVE® XT offers the industry a symmetrical designed gearbox for mirror image installations, which drastically reduces spare parts cost and downtime. The optimized housing geometry achieves maximum thermal ratings and effective fan cooling through an enhanced fan design and air flow.

Basic data

- ▶ Power ranges: 67 – 2,000 HP (50 – 1,500 kW)
- ▶ Torques: 132,000 – 660,000 lb-in (15,000 – 75,000 Nm)
- ▶ Optimized housing geometry to achieve a maximum thermal rating
- ▶ Low running noise

Features

- ▶ Sizes: 7 (SK 5217 – SK 11217)
- ▶ Versions: M1/M3
- ▶ Nominal speed ratios: 6.3 – 22.4



Industrial gear units

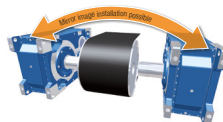
MAXXDRIVE® XT right-angle gear unit

Design

- ▶ Robust, long-life roller bearings
- ▶ Effective fan cooling versions
- ▶ Wide range of motor attachments, bases, motor flanges, etc.
- ▶ Complete, ready-to-install systems with coupling, brakes, monitoring, and more are available
- ▶ Easily accessible back stops for simple directional rotation change

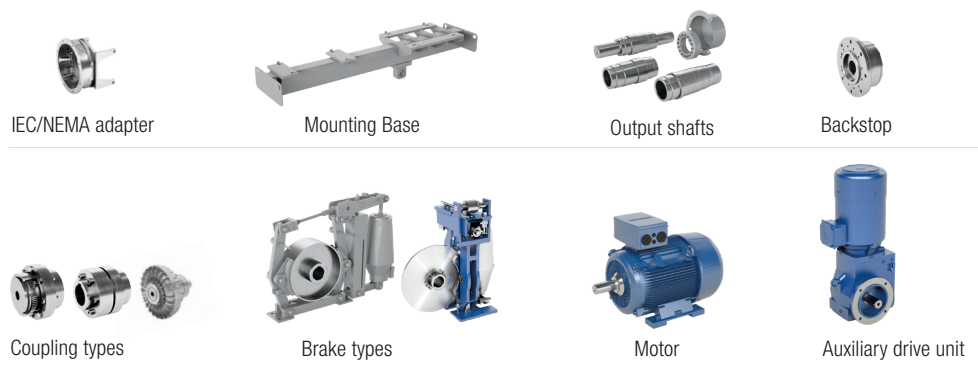
Characteristics

- ▶ Optimum sealing enables long deployment times without leakage
- ▶ Low noise emission due to high precision bevel gears
- ▶ Effective fan cooling through optimized fan and air flow
- ▶ High torque capacity
- ▶ Increased lubricant life minimizes maintenance costs
- ▶ Symmetrical design allows for mirror image installation, which reduces inventory for the number of replacement gear units
- ▶ Input and output shafts can be adapted to customers' dimensions
- ▶ Long service life



Many mounting options, accessories and features

Options:



MAXXDRIVE® XT Advantages

- ▶ Various seal systems, e.g. Taconite
- ▶ Noise-optimised bevel gears (HPG/Wiener)
- ▶ Optional axial or radial fans
- ▶ Modular system
- ▶ Symmetrical design for conveyor systems (double drive)
- ▶ Additional external oil cooler possible
- ▶ Optional torque-limited back stop (double drive unit)
- ▶ Short delivery times for stock components and spare parts

Areas of application

- ▶ Conveyor belt systems
- ▶ Ideal for mining operations, bulk material handling, and aggregate (coal, copper, lithium, quarried material)

NORD DRIVESYSTEMS Group

- ▶ Family business from Bargteheide near Hamburg with 4,000 employees
- ▶ Drive solutions for more than 100 branches of industry
- ▶ 7 production locations worldwide
- ▶ Present in 98 countries on 5 continents
- ▶ More information: www.nord.com

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