

thenex & ROLLSTAR

thenex is happy to partner with Rollstar.

Rollstar has been developing and manufacturing drive solutions for applications worldwide since 1966. What has remained constant is the close proximity to production, short communication channels, and the commitment to building robust technology.



ABOUT ROLLSTAR

IDesign. Construct. Manufacture.
Engineering and production are intertwined. This results in drive systems that can withstand stress.

- Design and dimensioning
- 3D design
- Simulation and testing
- in-house production

FROM IDEA TO SOLUTION TAILORED TO YOUR APPLICATION

Solutions are developed based on the requirements and the intended use.

Components and assemblies are designed so that they can be manufactured and integrated.



Years of experience in gearbox manufacturing

- Expertise in gearbox construction and in the development of drive systems.



Engineering

Rollstar develops, calculates and manufactures drive systems for machines and plants with high technical requirements.



Swiss precision

Development and manufacturing in Switzerland according to high quality standards.



DRIVE SYSTEMS FOR DEMANDING APPLICATIONS

Products

Rack and pinion gears, rotary joints and special gearboxes form the technical basis of many drive systems.

Gear unit

Planetary gearboxes, geared motors and drive and slewing drives for defined torque and load ranges.

Hydraulic motors

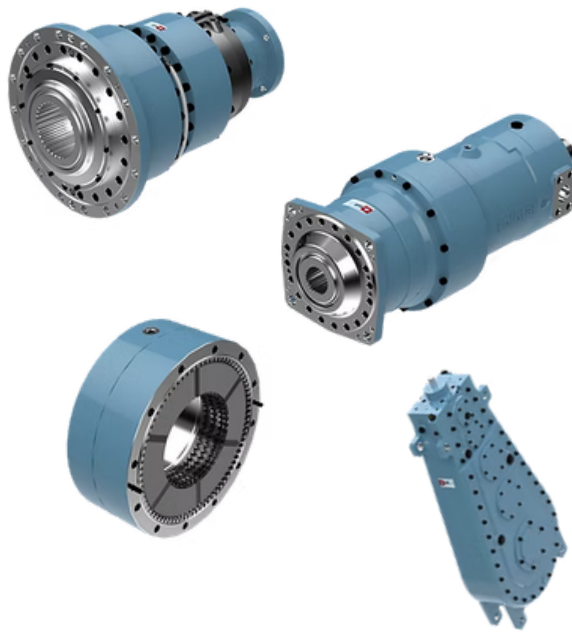
Axial and rotary piston motors for applications with constant displacement.

Brakes

Mechanical and hydraulic braking systems for integrated drive units.

Special solutions

Individual gearbox and drive designs for project-specific requirements.



MAIN APPLICATIONS

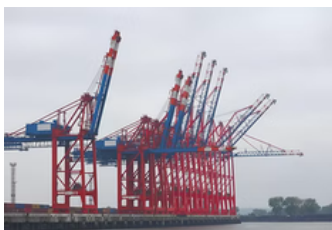
Mining & Cement

High loads, abrasive environments.
Gearboxes that operate continuously.



Shipbuilding & offshore

Robust and corrosion-resistant. For use at sea and in shipyards.



Steel & metal industry

High temperatures, heavy loads.
Gearboxes for demanding production processes.



Earth drilling equipment

Performance under extreme conditions. For precise drilling work underground.

