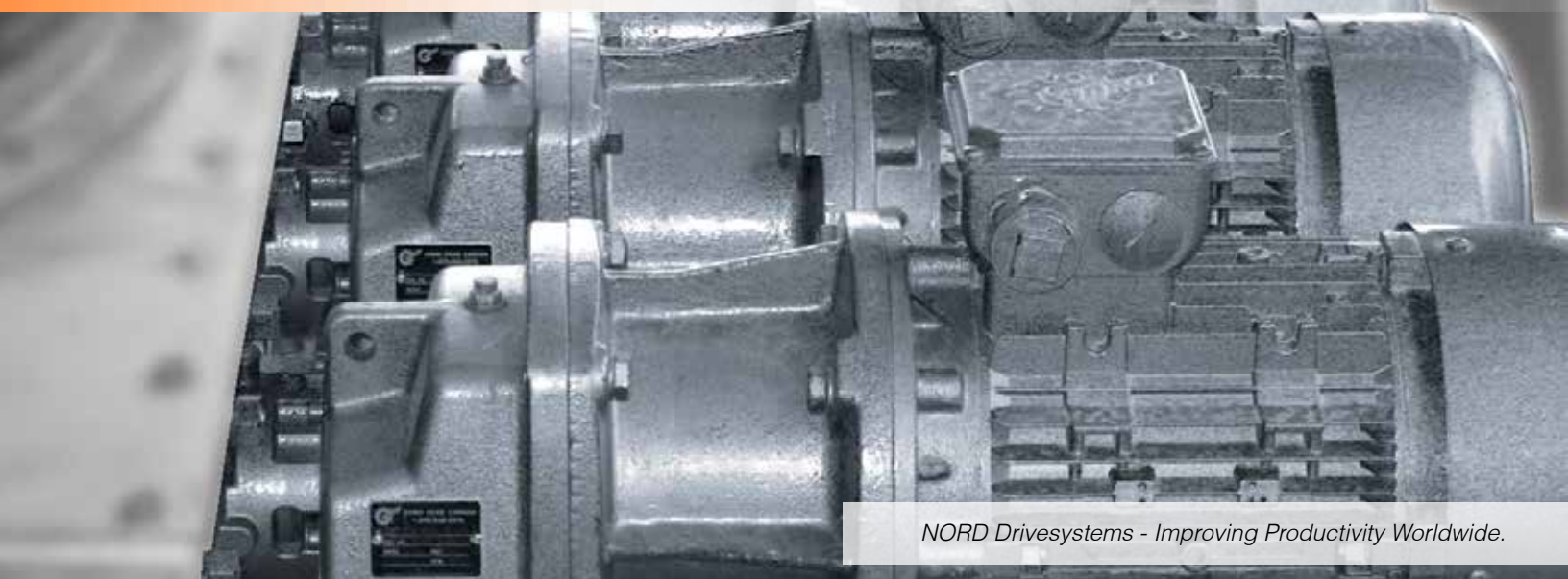


SCREW CONVEYOR APPLICATION OVERVIEW



NORD Drivesystems - Improving Productivity Worldwide.

Partners in Motion - Products and Solutions for Screw Conveyors

Companies around the world have come to rely on NORD Drivesystems for reliable drive solutions to meet the demands of transporting bulk material. At NORD we believe in open, two-way communication to help our customers with an accurate assessment of your individual application. We understand the demands of industry and our goal is to provide you with a drive assembly which will reliably serve the needs of your plant for many years to come.

From planning and assembly to delivery, NORD's commitment is providing reliability, dependability and a long service life. NORD's promise doesn't end after delivery. Our philosophy is centered on building long term relationships by meeting and exceeding your expectations. We believe that our quality of service equals the quality of our product.

Industries Served that Rely on Screw Conveyors

- Agriculture
- Oil & Gas
- Chemicals
- Stone, Glass & Concrete
- Food Products
- Wastewater Treatment

Built for Your Demanding Environment

The NORD SCP, with its rugged output seal and innovative CEMA drive-shaft, is designed for reliable performance in screw conveyor applications. Our industry leading ratio range allows for the elimination of external rotating components such as V- or Synchronous-Belt drives. Eliminating the belt drive results in a safer and more reliable drive assembly. By combining high quality gearing with a leak free design, NORD delivers reliable transmission of power to the driven shaft.

When designing for screw conveyors, NORD's product focus is centered around our right-angle helical-bevel, and CLINCHER™ offset parallel gear units. Engineered with infinite life gearing, high permissible radial and axial forces and minimum backlash, which are key benefits to NORD's UNICASE™ housings. NORD's manufacturing precision ensures accurate alignment of all bearing seats, internal shafts and gearing. Input and output options are stocked at the factory which guarantees quick-shipment upon order. By choosing a NORD speed reducer, supplied with our SCP package, you'll value NORD's capabilities.



SCREW CONVEYOR APPLICATION OVERVIEW



- 90.1 Right-Angle Helical -Bevel Series
- CLINCHER™ Offset Parallel Gearmotors
- SCP - Screw Conveyor Package
- NORD Electric AC Motors

Shaftless Screw Conveyors

Ideal for handling sticky and sluggish bulk materials. Suited for material with high moisture content.

Screw Feeders & Live Bottom Conveyors

Incorporates either a single or multiple gearbox design and provide a means of moving a wide variety of material from bins or hoppers at a constant and controlled rate of flow. This type of conveyor is one of the most accurate and efficient to meter bulk materials.

Vertical Screw Conveyors

Ideal for elevating dry to semi-fluid materials from free-flowing to sluggish at very steep inclines. Totally enclosed for dust and vapor-tight requirements.

The NORD Screw Conveyor Package...Clean, Safe, Reliable

- No belts results in no exposed, rotating components
- No external rotating components eliminates the need for guards
- Space Saving
- Higher Efficiency
- Reduced Installation time
- Reduced Costs



NORD Gear Corporation

MEMBER OF THE NORD DRIVESYSTEMS GROUP
info.us@nord.com

Waunakee, WI
800 NORD Drive
Waunakee, WI 53597
Tel. 608.849.7300

Corona, CA
1180 Railroad St.
Corona, CA 92882
Tel. 608.849.0190

Charlotte, NC
300 Forsyth Hall Dr.
Charlotte, NC 53597
Tel. 608.849.0140

NORD Gear Limited - Canada

MEMBER OF THE NORD DRIVESYSTEMS GROUP
info.ca@nord.com

Brampton, ON
41 West Drive
Brampton, ON L6T4A1
Tel. 800.668.4378

Global Vision, Local Support

NORD makes its wide product range easily available through a global network that includes representation in over 60 countries. By providing all of our customers with prompt delivery, and expert support services, we are firmly committed to exceeding customer expectations and being responsive to the ideas and specifications of every customer, anywhere in the world.

