



# Bulk Material and Mining

## Conveyor Drive

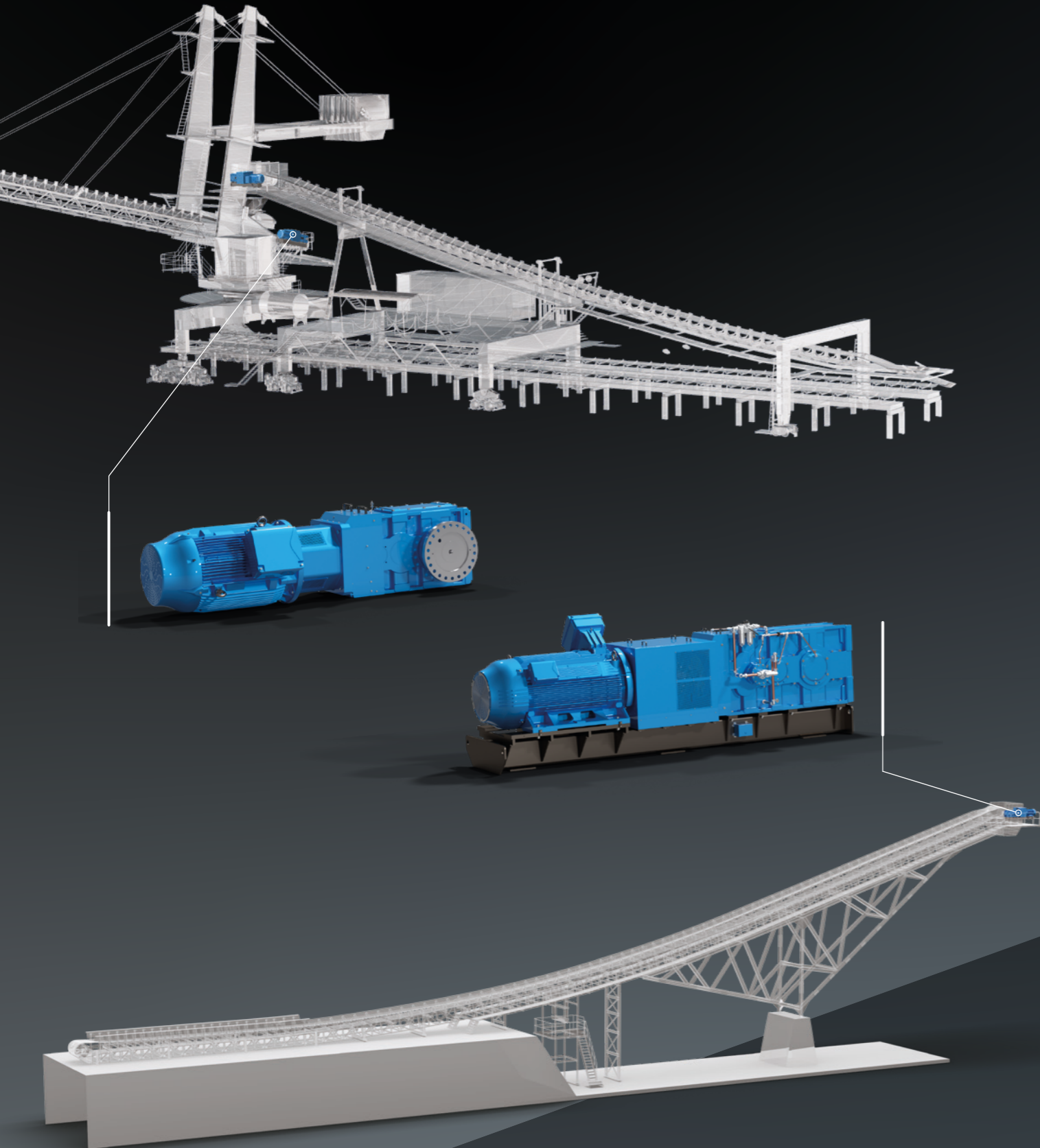


Market-leading  
Brevini™ Motion Systems  
from Dana optimize machine  
performance while  
maximizing yields.

# Conveyors

Conveyors are widely used in the process of handling bulk material. Conveyors are the workhorse of mineral handling, where they play a key role in stabilizing process flow.

Typically used for long-distance paths, conveyors are generally selected based on four factors: tonnage, size and type of material to be processed, incline, and distance.



## Brevini EvoMax™ Series for Conveyor Drive Perfect for critical Thermal conditions

The Brevini EvoMax™ range is the perfect solution for conveyors featuring many advantages such as: Worldwide proven performance and extraordinary reliability of the EvoMax concept for helical and bevel helical gearboxes; continuous product development to optimize thermal system performance adding the new tunnel housing motor flange with integrated radial fan.

- 28 sizes
- 3 stage bevel helical gearboxes
- Sizes 18 to 85 (bigger sizes available on request)
- Ratios 9:1 to 112
- Output torques up to 1,100 kNm [812,000 ft lbs]



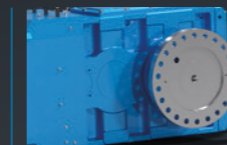
### Reduced Environmental Impact

- Optimized oil levels and internal oil flow
- High compatibility with wide range of oils



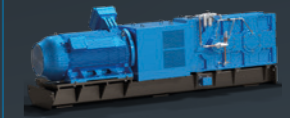
### Standard Alignment-Free Motor Housing with Integrated Fan

- Alignment-Free IEC or NEMA motor mounting
- Air Flow Shield to maximize cooling efficiency
- Compact and weight effective design



### Output Shafts Configuration

- Solid shafts: cylindrical and splined - single or double
- Various hollow shafts: With keyway, splined and shrink disc
- Flanged shaft



### Drive Unit

- Baseframe to accommodate electric motor sizes
- Different accessories such as: Brakes, fans, various types of couplings



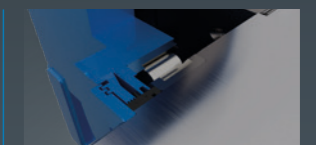
### Optimized Gear Teeth

- Gears microgeometry developed for a better mechanical efficiency performance, lowering power consumption
- Higher torques, less power dissipation, and increased thermal capacity



### Lubrication System with Mechanical Oil Pump

- Integrated forced lubrication system to reduce oil change period
- Improving bearing lifetime and increasing thermal capacity



### Contactless Seals on Input and Output Shafts Configuration

- Higher efficiency
- Increased thermal capacity
- Lower oil level and inspection costs

# Market-Driven Off-Highway Innovation

## About Dana Incorporated

Over 40,000 Dana dreamers in over 30 countries drive mobility and transportation forward — wherever the road, or offroad, takes our customers and communities.

A leader in the design and manufacture of propulsion and energy-management solutions, Dana powers vehicles and machines in all mobility markets across the globe.

Delivering groundbreaking drive systems. Advancing revolutionary motion technologies. Championing leading-edge power management innovations across thermal technologies for e-Propulsion; controls and software; battery management systems; and fuel cell plates.

With a balanced portfolio — including complete in-house electrification capabilities — Dana provides class-leading products and systems supporting traditional, hybrid, and EV manufacturers. **Everywhere.**

## About Dana Off-Highway Drive and Motion Systems

Dana delivers fully optimized solutions to customers in the construction, agriculture, material handling, mining, and industrial markets.

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Application Policy  
Capacity ratings, features, and specifications vary depending upon the model and type of service. Application approvals must be obtained from Dana; contact your representative for application approval. We reserve the right to change or modify our product specifications, configurations, or dimensions at any time without notice.

