



Marine Onshore

Off-Highway Drive and Motion Systems



Market-leading motion systems
by Brevini™, Spicer™ and GWB™ enhance operational
efficiency and maximise productivity.
Our products are optimised to perform exceptionally
in the most demanding environments, making them
ideal for onshore applications.

Off-Highway Drive and Motion Systems

As an innovative leader, we continuously improve the performance and efficiency of vehicles and machines worldwide. We aim to be the global pacesetter in efficient power conveyance and energy-management solutions.

Mobile



AGRICULTURE



MINING



MATERIAL HANDLING



CONSTRUCTION AND FORESTRY



COMMERCIAL TURF CARE

Industrial



BULK MATERIAL AND MINING



ONSHORE AND OFFSHORE MARINE



INDUSTRIAL AND STATIONARY EQUIPMENT



HEAVY INDUSTRY: STEEL, SUGAR, AND CEMENT



WASTE MANAGEMENT AND RENEWABLE ENERGY



PLASTIC AND RUBBER

Off-Highway Brand Portfolio

Supported by a legacy of innovation in conventional drivetrains, we r at the forefront of integrating mechanical and electrical components for alternative propulsion applications. We embrace evolution to be a step ahead in supporting new applications as they emerge and collaborating with customers as they develop tomorrow's vehicles.

Drivetrain and e-Drive Systems

SPICER™

Motion and e-Motion Systems

BREVINI™

FAIRFIELD™

PIV™ **GWA™**

Gears and Shifting Solutions

GRAZIANO™



Drive and Motion Innovations

Transforming the Marine Industry

Marine equipment plays a critical role in supporting a wide range of activities, from onshore port operations to the unique challenges of offshore environments. These systems are vital for ensuring the seamless movement of cargo, safe installation of subsea infrastructures and overall efficiency of maritime logistics and operations.

Onshore marine equipment is particularly vital for ensuring the smooth and efficient functioning of ports and harbours, where precision and reliability are essential.

In an industry where every component must perform at its best, choosing robust and efficient power transmission equipment is essential to sustaining uptime and productivity.

Market-leading motion systems by Brevini™, Spicer™ and GWB™ enhance operational efficiency and maximise productivity.

Our products are optimised to perform exceptionally in the most demanding environments, making them ideal for onshore applications.

Industrial Solutions

We Keep the Marine Industry Moving

We work with customers in the marine industry around the world, offering unmatched versatility and customisation options to meet precise project demands.

Our capabilities include consulting, systems design, engineering, procurement, manufacturing and aftermarket support for turnkey projects, new equipment, upgrades, and modernisations. Through our innovative products we improve the performance and efficiency of port handling equipment.

Our wide product portfolio is ideally suited for applications such as ship-to-shore, rubber tyred gantry, luffing and mobile harbor cranes providing versatile cargo handling capabilities for various materials.

Together, these systems enable safe, reliable, and productive maritime operations, supporting the global supply chain.

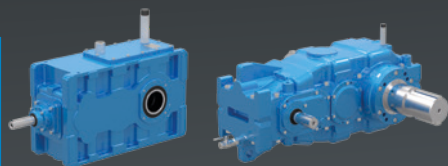
Thanks to our Brevini™, Spicer™ and GWB™ product ranges, we offer unmatched torque capacity, ensuring reliable and consistent performance. Additionally, Brevini EvoMax™ sets the benchmark with best-in-class torque density and enhanced efficiency.

We propel innovation by partnering with global leaders to jointly develop pioneering technology for the marine industry



Ship to Shore (STS)

Mobile Harbor Crane (MHC)



Brevini EvoMax™ Travel, Trolley and Hoisting Gearboxes

- Improved torque distribution curve, with 5 new sizes available
- Increased torque density, providing more mechanical power without compromising weight and size
- Curved top and/or bottom housing options, optimised to best fit hoisting applications
- Improved gearing profiles and low oil level, resulting in higher efficiency and reduced noise
- New housing material options, allowing for superior impact toughness and low temperature operation
- High level of modularity and multiple accessories as standard



GWB™ Industrial Driveshafts

- Complete product range featuring flange/swing diameter from 120 to 1300 mm
- Superior bearing life
- High torque capacity



Brevini™ Winch Drive SLW Series

- Torque range up to 460 kNm
- Plug-in planetary solution
- More space for easy access to maintenance and service components



Brevini™ Slewing Drives SLS Series

- Torque range up to 370 kNm
- Modular design, inline or right angle configuration
- Wide option of output support configuration (front flange and dual spigot supports, with and without eccentricity)



Spicer™ Track Drives CTU 3200

- Internal multidisc parking brake
- Manual disengagement device for towing
- High radial and axial load capacity bearings

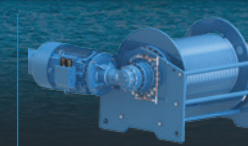
Luffing Cranes

Shipyard Applications



Brevini™ Winch Drives
SLW Series

- Torque range up to 460 kNm
- Plug-in planetary solution
- More space for easy access to maintenance and service components
- Right-angled configurations available as standard



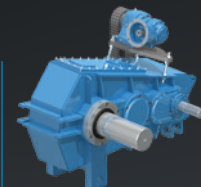
Brevini™ Winch
WS Series

- Technical and application support up to commissioning on site
- Customized for ship-lifts
- Dimensions and layout can be designed to meet any requirements



Brevini™ Industrial Planetary Gearboxes

- Customised trolley drive solution for ship transfer applications
- Complete hydraulic gearmotor option
- Special output sealing and disconnect device on request



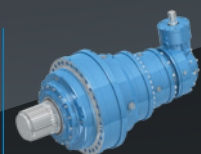
Brevini™ Helical Bevel Helical Gearboxes Posired N Series

- Main hoist drive with extended centre distance
- Dedicated design for single-drum drive
- Auxiliary drive system on board



Brevini™ Industrial Planetary Gearboxes

- Nominal torques up to 26,000 Nm
- Inline and right angle configurations available
- Suitable for both hydraulic and electric motors



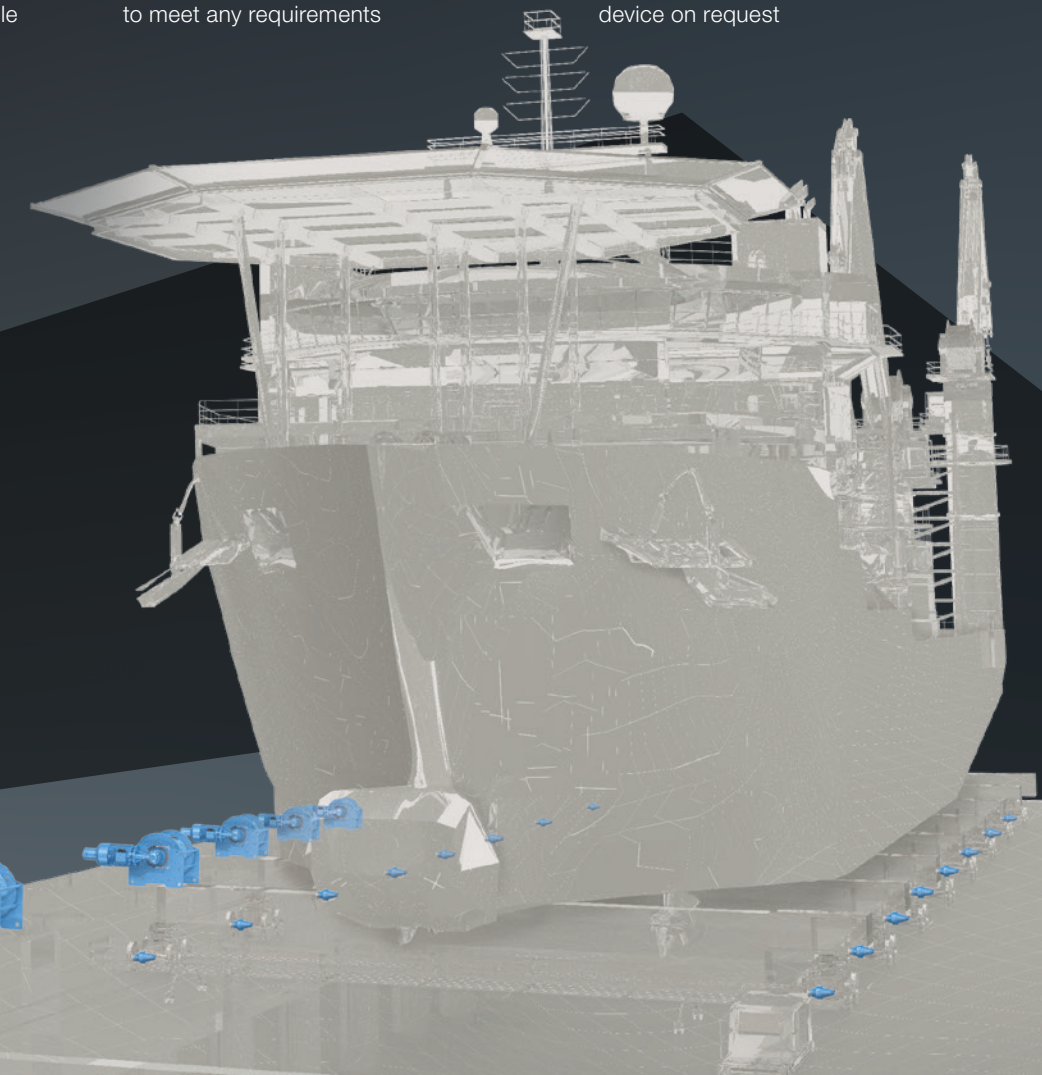
Brevini™ Industrial Planetary Gearboxes S Series

- Nominal torques up to 2,170 kNm
- Multiple output shaft options
- Inline and right angle configurations available

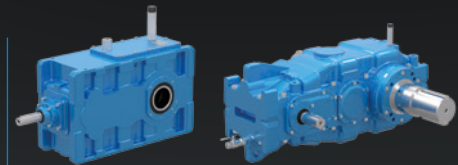


Brevini™ Slewing Drives
SLS Series

- Torque range up to 370 kNm
- Modular design, inline or right angle configuration
- Wide option of output support configuration (front flange and dual spigot supports, with and without eccentricity)



Rubbed Tyred Gantry (RTG)



Brevini EvoMax™ Travel, Trolley and Hoisting Gearboxes

- Improved torque distribution curve, with 5 new sizes available
- Increased torque density, providing more mechanical power without compromising weight and size
- Curved top and/or bottom housing options, optimised to best fit hoisting applications
- Improved gearing profiles and low oil level, resulting in higher efficiency and reduced noise
- New housing material options, allowing for superior impact toughness and low temperature operation
- High level of modularity and multiple accessories as standard



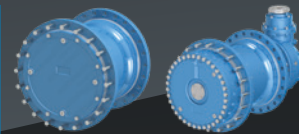
Brevini™ Gearmotors Series

- Extensive torque range
- High efficiency
- Diverse low speed shaft options



Brevini™ Industrial Planetary Gearboxes

- Anti-sway drive
- New concept design with bevel set on second stage
- High efficiency



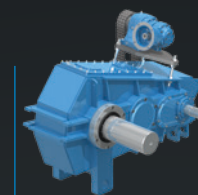
Spicer™ Wheel Drives Series

- Customized solution
- Bevel gear unit at the input for electric motor and/or cardan shaft connection available



Brevini™ Industrial Planetary Gearboxes S Series

- Nominal torques up to 2,170 kNm
- Multiple output shaft options
- Inline and right angle configurations available



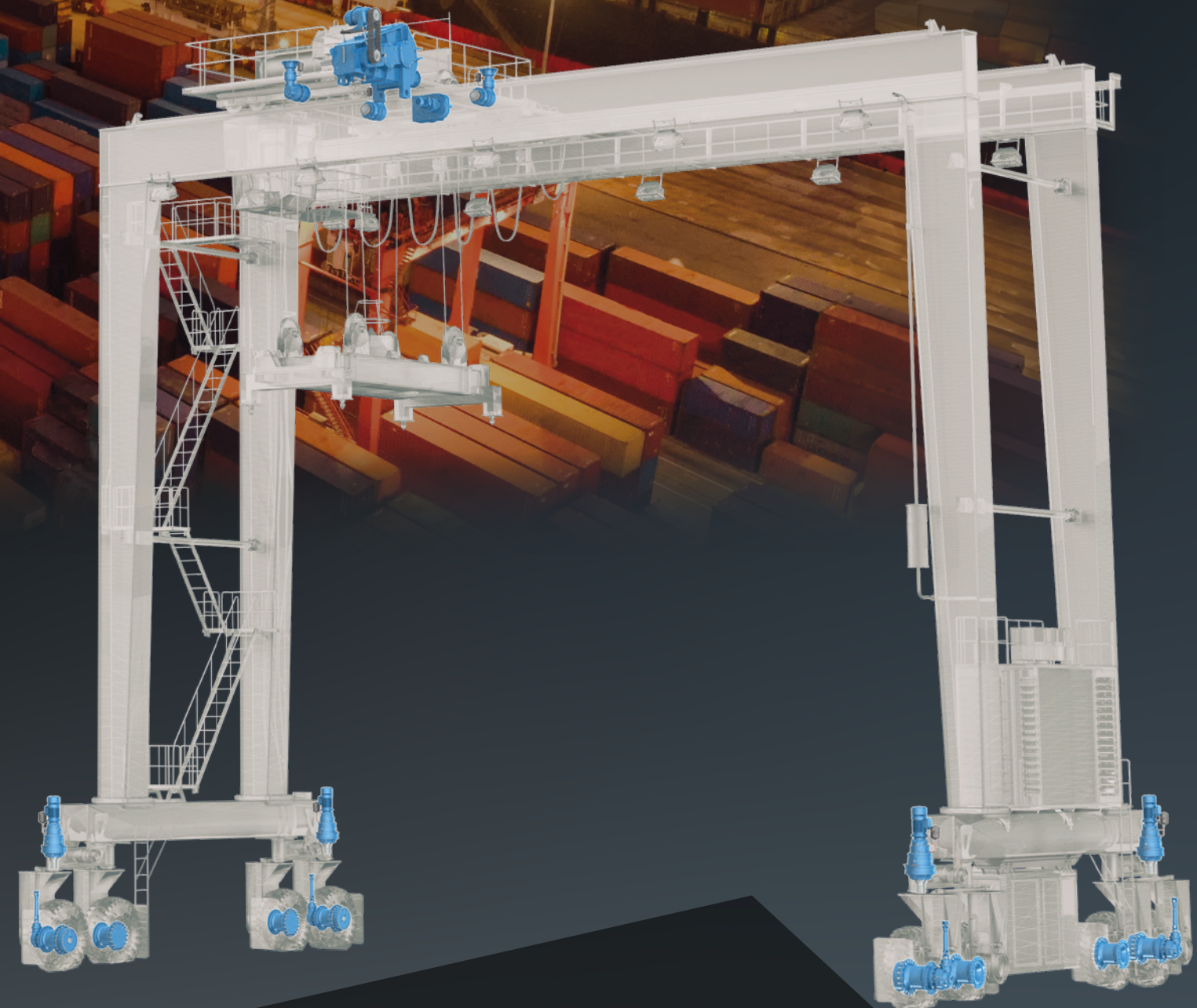
Brevini™ Helical Bevel Helical Gearboxes Posired N Series

- Main hoist drive with extended centre distance
- Dedicated design for single-drum drive
- Auxiliary drive system on board



Brevini™ Winch Drives SLW Series

- Torque range up to 460 kNm
- Plug-in planetary solution
- More space for easy access to maintenance and service components
- Right-angled configurations available as standard



Market-Driven **Innovation**

Off-Highway Performance Expectations

Productivity

Maneuverability

Durability

Serviceability

Total Cost of Ownership



Dana-industrial.com

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.

© 2024 Dana Limited. All rights reserved. DONSC11112024

