



# 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 offshore applications.





People Finding A Better Way®

1904

history dating back 120 years

88

major manufacturing facilities

42K

employees globally

13K

customers in 140 countries

31

countries with Dana presence

10

country network of technology centers

Vision

Powering Innovation To Move Our World

Mission

Driving stakeholder value by powering vehicles and machines around the world shaping sustainable progress through invention and execution; and making the amazing happen wherever people live, work, and play.

Values

- Value Others
- Inspire Innovation
- Grow Responsibly
- Win Together

# Off-Highway Segments

Dana leverages our global expertise to engineer the most advanced, customized product solutions for developed and emerging markets. Our drive and motion products serve a wide range of demanding industries, including applications for equipment with wheel and track drives as well as stationary machines.

## 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

## CORPORATE BUSINESS UNITS



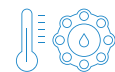
38%

Light Vehicle Drive Systems



20%

Commercial Vehicle Drive and Motion Systems



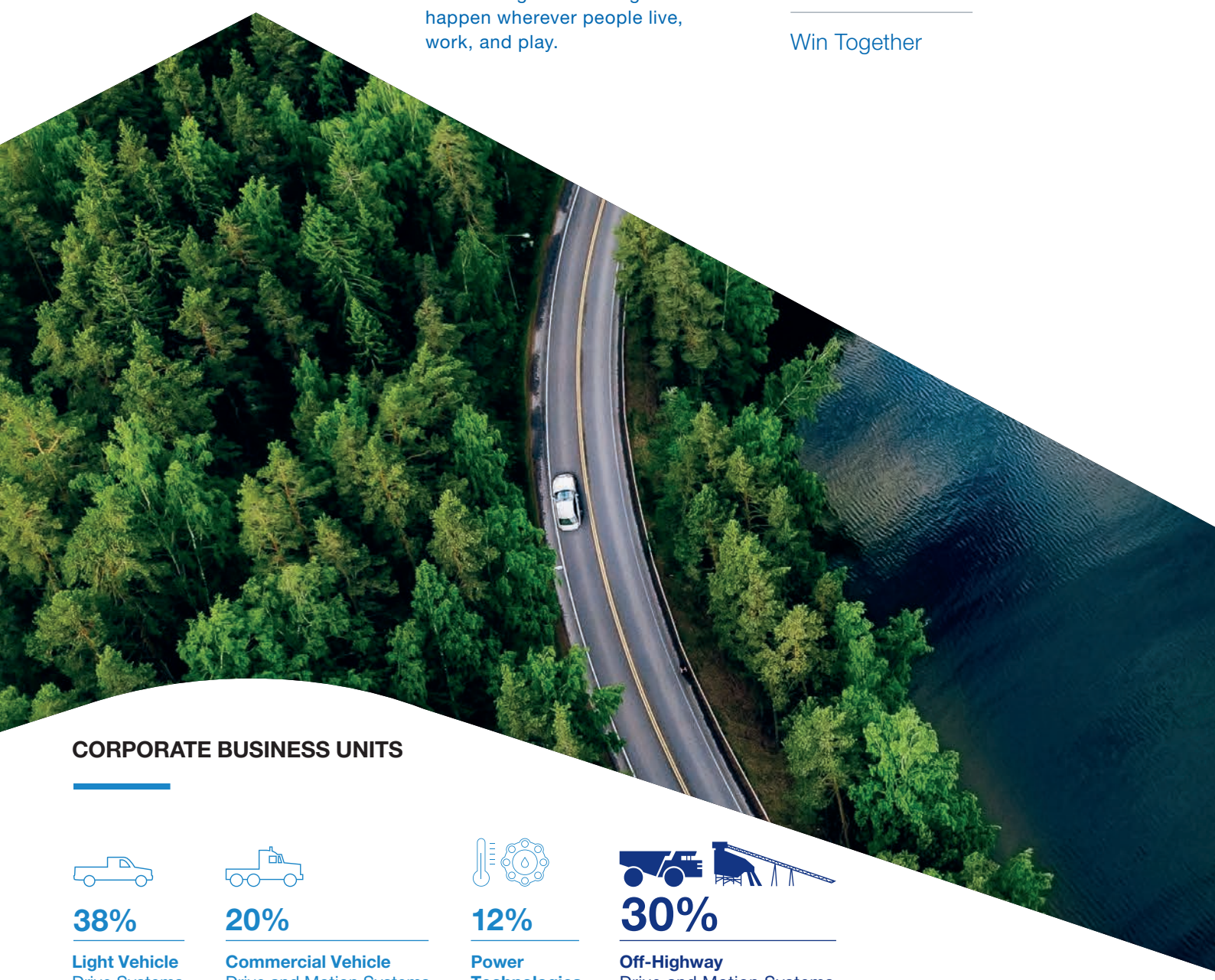
12%

Power Technologies



30%

Off-Highway Drive and Motion Systems





## 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.

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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

Dana works 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, Dana offers unmatched torque capacity, ensuring reliable and consistent performance. Additionally, Brevini EvoMax™ sets the benchmark with best-in-class torque density and enhanced efficiency.

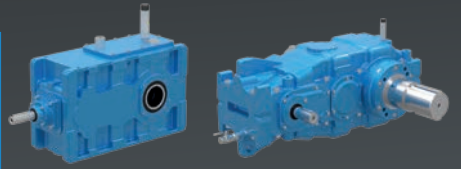


**We propel innovation by partnering with global leaders to jointly develop pioneering technology for the marine industry**



# 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



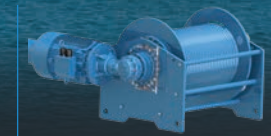
# Luffing Cranes

# Shipyards 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™ 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)



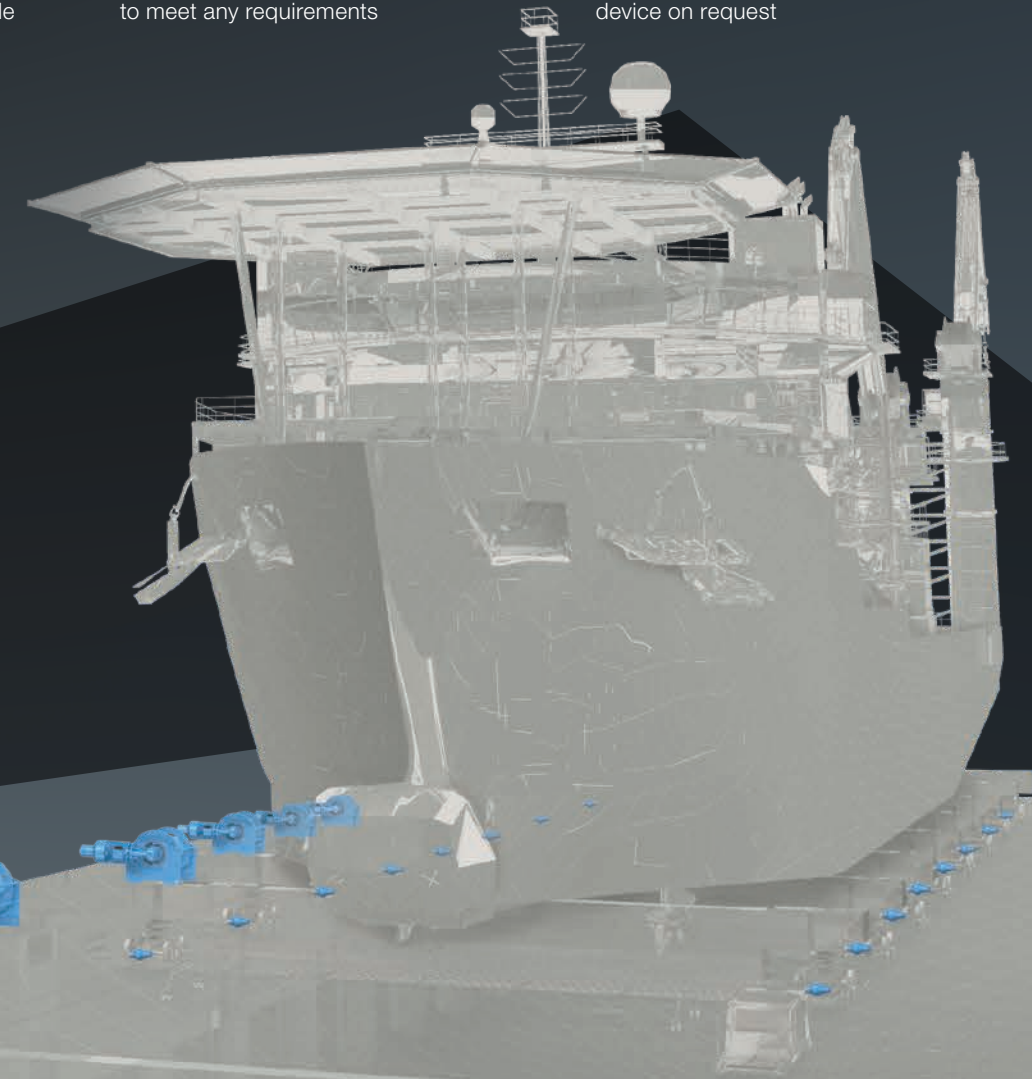
**Brevini™ Industrial Planetary Gearboxes**

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



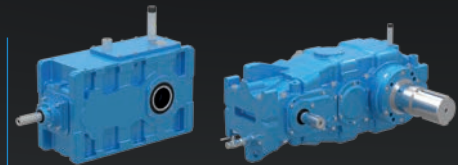
**Brevini™ Industrial Planetary Gearboxes S Series**

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





# 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
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- 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



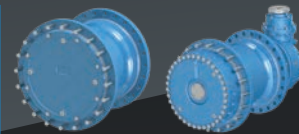
## Brevini™ Gearmotors Series

- 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



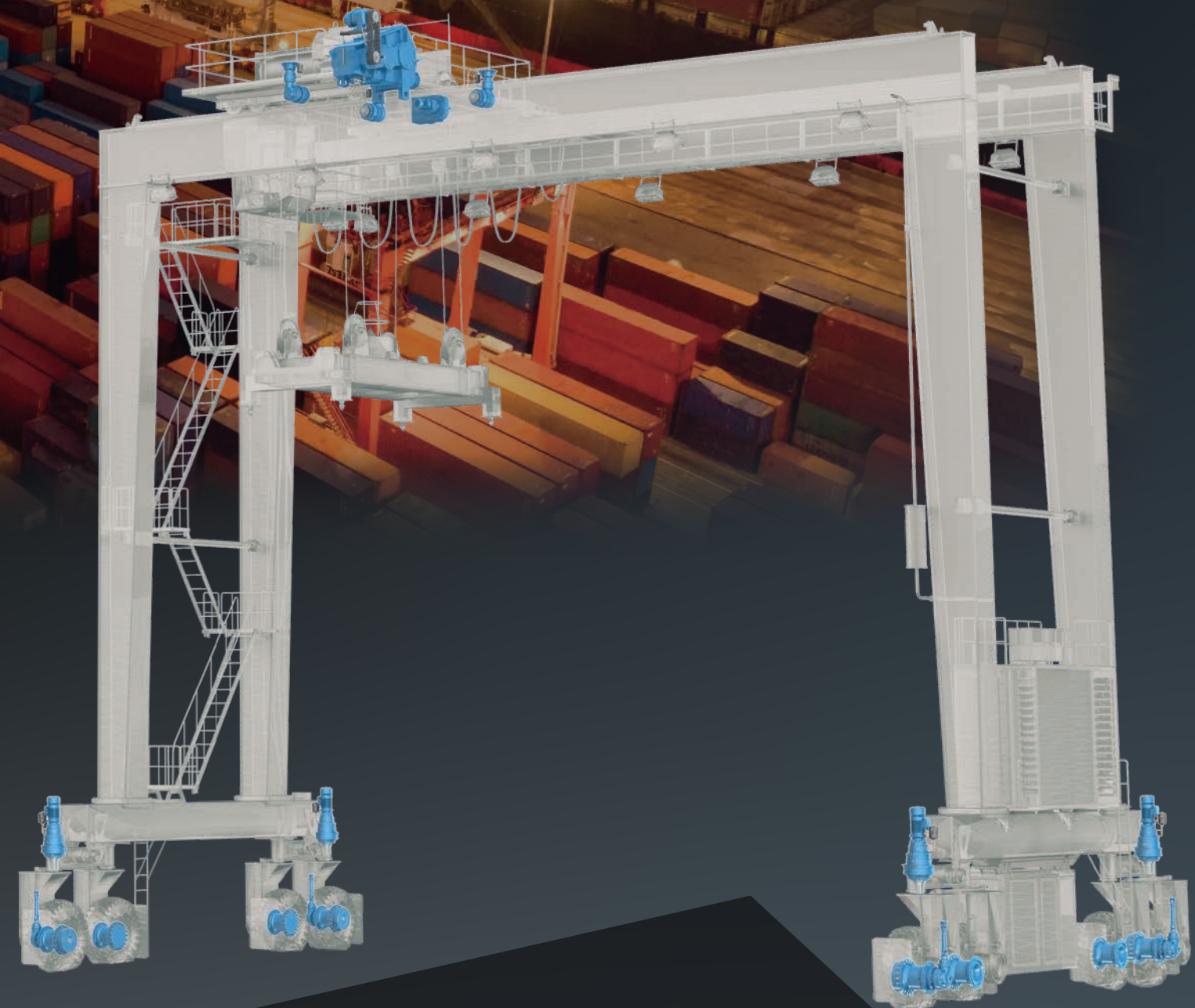
## Brevini™ Helical Bevel Helical Gearboxes Posired N Series

- 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 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.

**[Dana.com/oh](https://Dana.com/oh)**  
**[Dana-industrial.com/contact-us](https://Dana-industrial.com/contact-us)**

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.

