

# **Marine Offshore**

Off-Highway Drive and Motion Systems

Market-leading motion systems
by Brevini<sup>™</sup> and Fairfield<sup>™</sup> 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

**42K** major manufacturing

Mission

employees globally

**13K** customers in 140 countries

10 country network of Dana presence technology centers

### Mobile







Industrial





BULK MATERIAL AND MINING

ONSHORE AND OFFSHORE MARINE

**CORPORATE BUSINESS UNITS** 



**Light Vehicle** 

Drive Systems

38%

20%



**Commercial Vehicle** Drive and Motion Systems

12% Power Technologies



**Off-Highway** Drive and Motion Systems

# Values

Value Others

3

countries with

Inspire Innovation

Grow Responsibly

Win Together

### Vision **Powering Innovation**

To Move Our World

88

facilities

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.



COMMERCIAL TURF CARE



## **Off-Highway** Segments

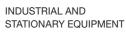
Dana leverages our global expertise to engineer the most advanced, customized product solutions for developed and emerging markets. Our drive and motion products serve a wide range of demanding industries, including applications for equipment with wheel and track drives as well as stationary machines.



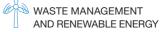


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- AND FORESTRY













HEAVY INDUSTRY: STEEL SUGAR, AND CEMENT





### **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.

Offshore marine environments require specialised equipment to handle complex tasks, facing the most adverse conditions.

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.

## **Industrial Solutions** We Keep the Marine Industry Moving

Dana works with customers in the marine industry Brevini<sup>™</sup> products deliver superior torque capacity, around the world, offering unmatched versatility ensuring reliable and consistent performance. and customisation options to meet precise Our wide product portfolio is ideally suited project demands. for applications such as shipboard and offshore cranes, gangways, anchor and mooring winches, azimuth steering systems, dredging equipment and cable-laying systems.

Our capabilities include consulting, systems design, engineering, procurement, manufacturing and aftermarket support for turnkey projects, new equipment, upgrades, and modernisations.

We drive innovation by inviting global partners to collectively shape groundbreaking technology for the marine industry

Additionally, Fairfield<sup>™</sup> products complete our offering, catering for specific offshore equipment needs. Our jack-up drives are used on oil platforms, as well as offshore wind installation vessels worldwide.



# **Pipe-Laying Tensioners** and **Azimuth Thrusters**



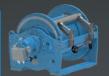
#### Brevini<sup>™</sup> Industrial Planetary **Gearboxes** – S Series

- Integrated output support
- Nominal torques up to 2,170 kNm
- Multiple output shaft options



#### Brevini<sup>™</sup> Industrial Planetary Gearboxes

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



#### Brevini Evolution<sup>™</sup> Series Winches

- Line pull up to 16 tons
- Wide range of safety controls
- Equipped with Brevini<sup>™</sup> high speed axial



### Brevini<sup>™</sup> Industrial Planetary **Gearboxes** – S Series

- Input flange for hydraulic or electric prime motor
- Compact, light solutions for a perfect fit
- on machine frames Marine painting cycle available



### Brevini<sup>™</sup> 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<sup>™</sup> Winch Drive PWD Series

- Torque range up to 85 kNm
- High load capacity and improved
- performances
  - Internal or external parking brake



- Ratio range up to 5.000:1
- Input flange for hydraulic or electric prime motor
- Compact, light solutions for a perfect fit on machine frames



### Brevini<sup>™</sup> Helical Bevel Helical

Supports torque range up to 2200 kNm Special output shaft and bearing



### Brevini<sup>™</sup> 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<sup>™</sup> Slewing Drives **RPR** Series

Integrated output pinion; high quality and special tooting profile

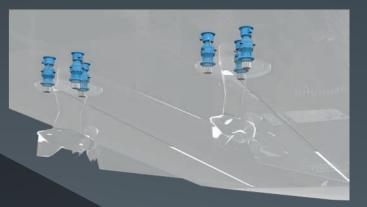
- Output support with and without eccentricity
- Integrated safety device options (torque limiter, switches, sensors)

Dana offers customized solutions to meet a range of customer needs, including modular designs and add-on accessories, marine painting cycle and full third party marine certification.









### Cable-Laying Tensioners and Carousels



Brevini<sup>™</sup> Industrial Planetary Gearboxes – S Series

- Integrated output support
- Nominal torques up to 2,170 kNm
- Multiple output shaft options



### Brevini<sup>™</sup> Industrial Planetary Gearboxes

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



### Brevini Evolution<sup>™</sup> Series Winches

- Line pull up to 16 tons
- Wide range of safety controls
- Equipped with Brevini<sup>™</sup> high speed axial piston motor



#### **Brevini<sup>™</sup> 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<sup>™</sup> Winch Drives** PWD Series

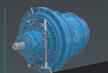
- Torque range up to 85 kNmHigh load capacity and improved
- performances

  Internal or external parking brake



### Brevini<sup>™</sup> Helical Bevel Helical Gearboxes

- It can be supplied with material suitable for low temperatures, as well as features that can be used to optimize the thermal ratings in high-temperature conditions
- Suitable for harsh marine environments
- Ensures faster lead times

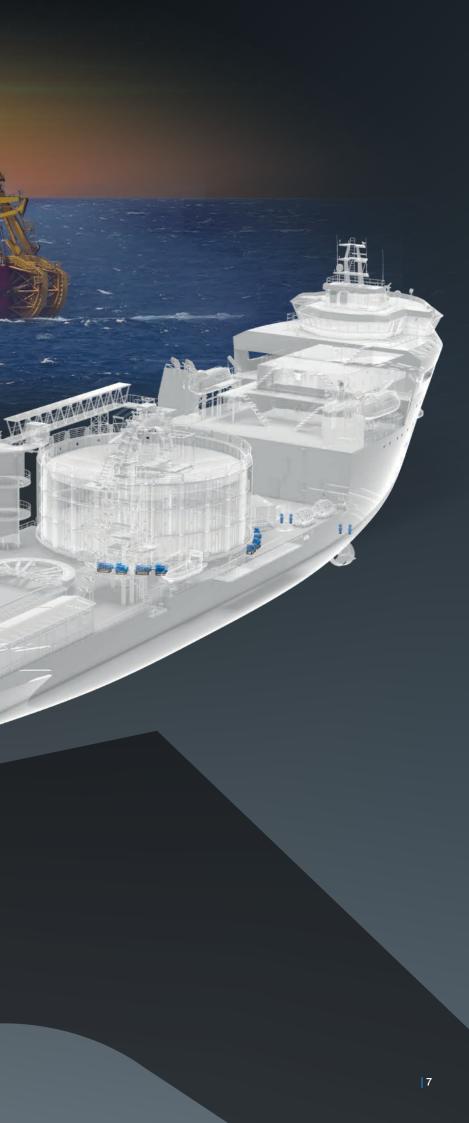


#### Brevini<sup>™</sup> Winch Drives SLW Series

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#### **Brevini<sup>™</sup> Slewing Drives** RPR Series

- Integrated output pinion; high quality and special tooting profile
- Output support with and without eccentricity
- Integrated safety device options (torque limiter, switches, sensors)



### **Deck Cranes**

### **Jacking Drives**





Brevini<sup>™</sup> 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<sup>™</sup> Winch Drives** PWD Series

- Torque range up to 85 kNmHigh load capacity and improved
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- Internal or external parking brake



### **Brevini<sup>™</sup> Winch Drives** SLW Series

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- Plug-in planetary solution
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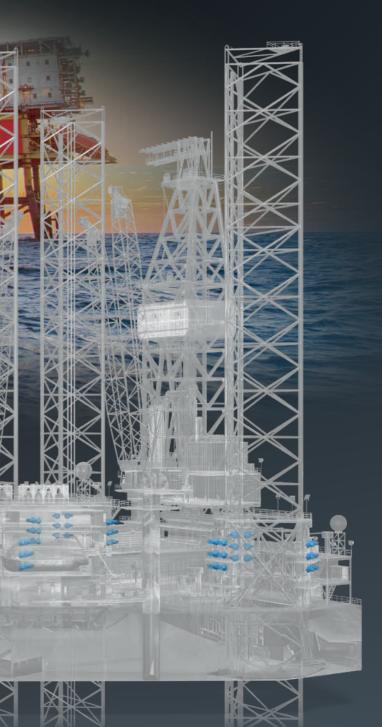
Brevini Evolution™

Line pull up to 16 tons

Wide range of safety controls

Equipped with Brevini<sup>™</sup> high speed axial

Series Winches





### Fairfield<sup>™</sup> Jacking System Drive

- For workboats and offshore platforms
- Precision gearing to ensure smooth jacking
- Customised input and output configurations
- Specific ratios to suit your application

### 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 classleading 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 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.