Full-System Solutions for Reach Stackers

Dana is a leading supplier of Spicer® Drive and Brevini® Motion products for material handling vehicles that are designed to work seamlessly and allow operators to engage, lift, and transport heavy loads with speed and precision. Our technologies improve the performance, fuel efficiency, safety, and durability.



Spicer® Planetary **Non-Steering Axles**

Deliver maximum performance and offer easy, low-cost service

Modular design on several heavy axles and all medium axles

Proven technology expertise

Maintenance-free brakes and high-integrity

Many configurations and options available



Spicer® Driveshafts

A century of quality and innovation Ideal for the rigorous demand of most off-highway applications

Multiple driveshaft and end-fitting

Designed for minimal maintenance, longer life and reduced operating cost



Spicer® Hydrodynamic **Transmissions**

Best-in Class Efficiency Full powershift options with or without lockup

Advanced electronic controls Highly efficient aluminum-cast converter



Brevini® Slewing Drives

Nominal torques up to 26,000 Nm Inline and right-angle configurations available

Suitable for both hydraulic and electric

Integrated motor adaptor Negative multidisc brake



Spicer® Hydromechanical **Variable Transmission**

Stepless drive with no interrupted acceleration enhances comfort

Precise, dynamic and adjustable tractive effort Provide optimal handling and the highest possible throughput with maximum fuel



Brevini® Proportional

Wide range: regulated flow up to 600l/m – 370 bar working pressure High flexibility with valve and block

Remote, electronic operation

Available with MSB CANbus module



Directional Valve - HPV Series

combinations

Smooth control to improve work function



Brevini® Fan Drive Gear Motor

Cast iron body for improved efficiency especially at high oil temperature High volumetric and mechanical efficiencies

Built-in proportional relief valve for fan speed control

Built-in anti cavitation valves



Brevini® Graphic Display **Opus Series**

Large size panel up to 12" Bright TFT screen for outdoor usage Waterproof robust plastic body With and without touchscreen

and / or physical keyboard



Spicer® Electronic Controls

Enables communication between

Best-in-class controls optimize productivity, maximize life, and reduce maintenance

Support for OEM movement in digitalization

Individual functional controls

Capability to combine drive and motion on one platform



Brevini® Boom Angle/Length Brevini[®] Joystick BJ200 Waterproof robust plastic body **Extension Sensor AS Series**

Ergonomic grip Draw-wire length sensor robustly designed Available with dual/redundant output for PLd EN13849 compliance Customizable button options Available in both analogue and CANbus

Voltage: 4-20mA or CANbus output From 5 to 12.5m length range



Brevini® Tilt Sensor **IDXY Series**

Constantly measures vehicle tilt Single and double axis measurement **Dual Output** Waterproof



Brevini® Shear Beam **Load Sensor**

