



Drive and Motion Systems for **Compactors**



Dana's unique portfolio
of Spicer® drivetrains and
Brevini® motion systems




Single-supplier support for your compactor needs: **Integrated Drive and Motion System Solutions**

Compactors are used globally across many markets for a variety of purposes, both for road and waste compaction. The compactor market is transforming rapidly, as weight machine ranges are becoming wider while end-users demand increased performance and lower environmental impact.

Drum roller designs are becoming increasingly versatile, enhancing operator comfort, productivity and fuel economy, while accommodating advanced emissions controls and other new systems. Dana, based on more than 50 years of experience, has emerged as the market and technology leader, supplying OEMs of all sizes for this application.

Dana designs and manufactures fully integrated drive systems for a range of compactors, including road compactors and waste compactors, in both single-drum and double-drum configurations.

The combination of Spicer® drive systems and Brevini® motion systems gives Dana a full array of mechanical and hydraulic advanced technologies to support many OEM machine designs.



Dana designs and manufactures fully integrated drive systems for a range of compactors in both single-drum and double-drum configurations.



Market-Driven Innovations

We deliver innovative technologies that meet customer demands worldwide. By anticipating market trends, Dana uses its industry expertise to deliver product solutions that achieve customer goals.



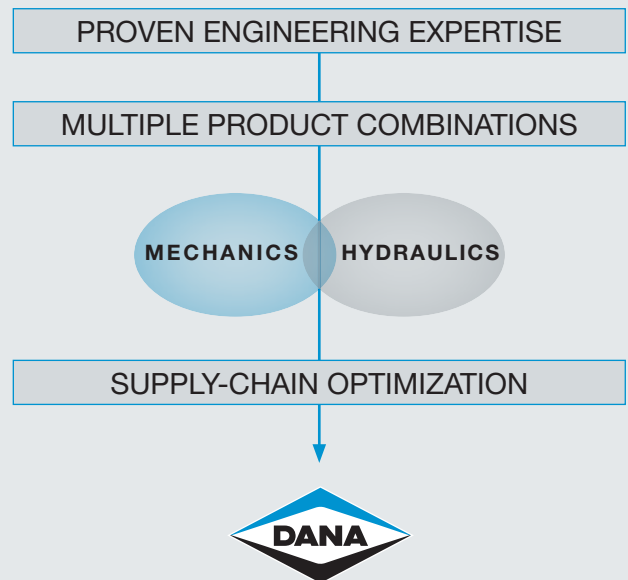
Emissions Reduction



Noise, Vibration, and Harshness (NVH)

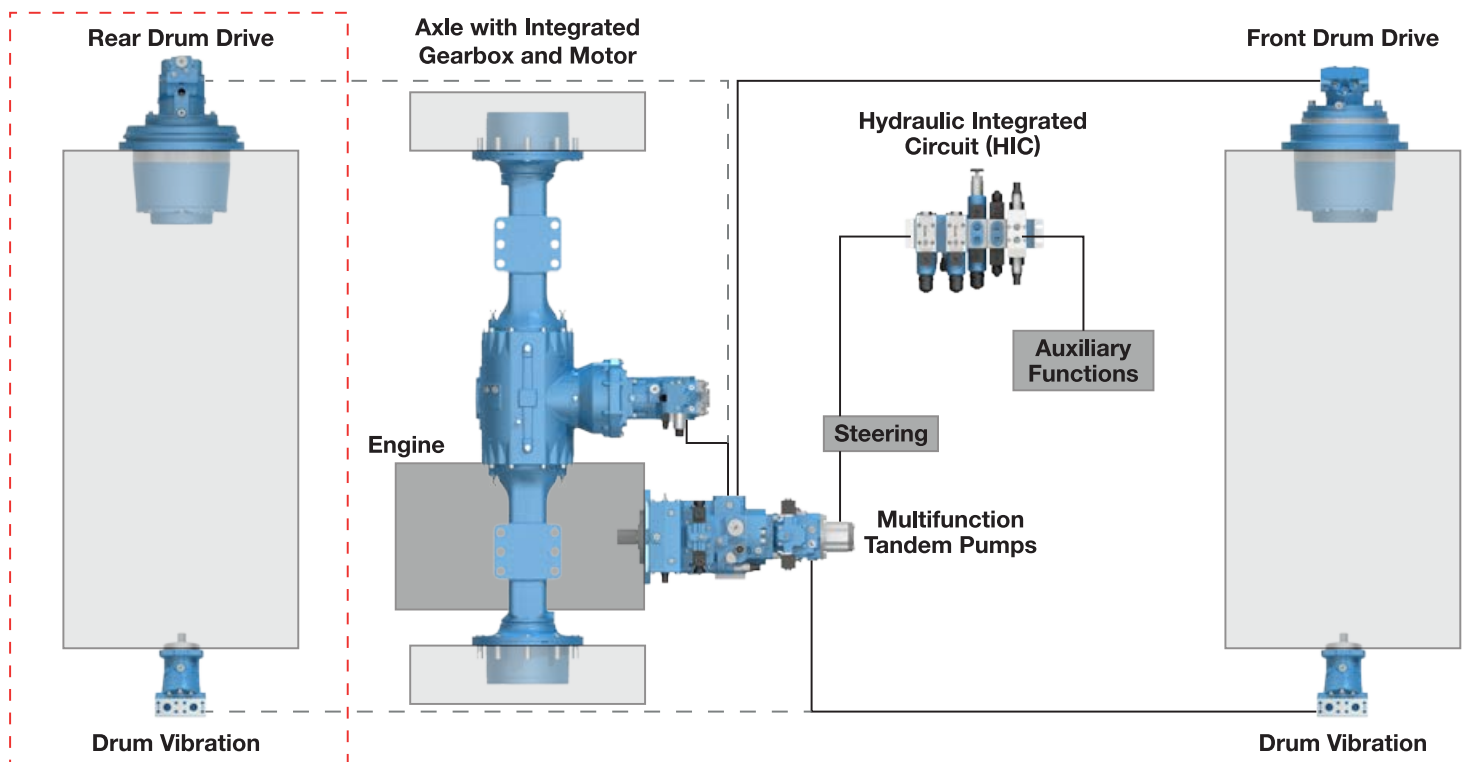
The Right Partner for Your Compactor

Dana's engineering capabilities and broad portfolio allow us to team with our customers to provide optimal solutions. Our combined integrated solutions deliver performance to support high levels of efficiency. Meanwhile, as a single supplier, we can help optimize supply chains and serve the overall performance needs of our customers.



Tailored and effective solutions for your vehicle

As part of Dana's mission to be the global technology leader in system solutions, our unique product portfolio improves our flexibility to provide the right machine motion solution, **regardless of whether that movement comes from planetary gearboxes or axle units with hydraulic motors and pumps.**



Cost of Ownership



Hybridization



Mobility and Performance

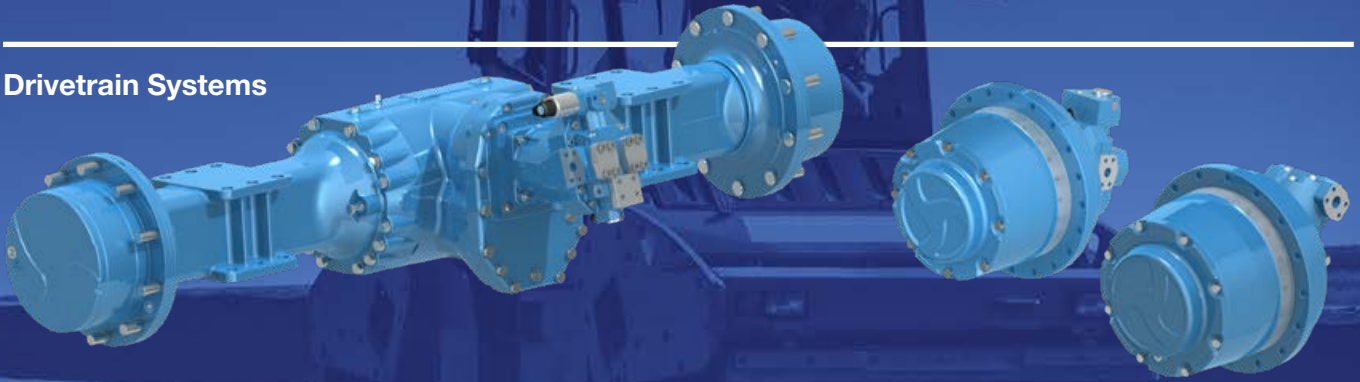


Emerging Markets

Complete **System Solutions** for Single-Drum and Double-Drum Compactors



Drivetrain Systems



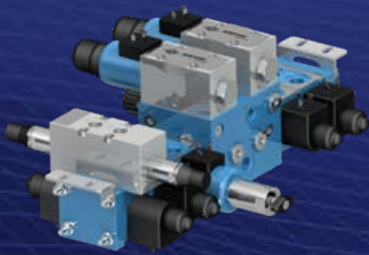
Axle with Transfer Case and Hydraulic Heavy-Duty Variable Displacement Motor

For rear drum

Planetary Drive with Axial Piston Motor

For front and/or rear drum

Motion Systems



Hydraulic Integrated Circuit (HIC)

Fully controls all machine movements



Tandem Hydraulic/Gear Pumps

To drive main vehicle functions – travel, steering, vibration – and auxiliary functions



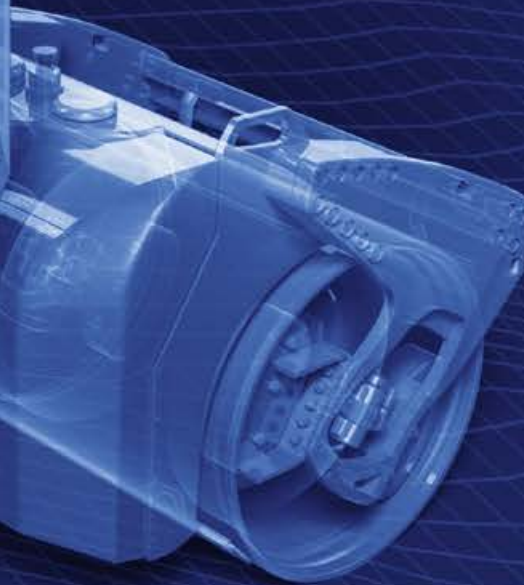
Hydraulic Motor

Controls drum vibration





Graphic Display Opus Series

Provides information about platform status



Market-Driven Innovation

Compactors Product Range		Single Drum	Double Drum
			
Travel	Front drum gearbox with integrated motor	●	●
	Rear axle with or without integrated gearbox with motor	●	▼
	Rear drum gearbox with integrated motor	▼	●
Vibration	Motor for front drum vibration system	●	●
	Motor for rear drum vibration system	▼	●
	Pump for front/rear vibration system	●	●
Other Functions	Gear pump for steering and auxiliary functions	●	●
	Integrated hydraulic management system (HIC)	●	●

● Solution available ▼ Not available in machine



SPICER®

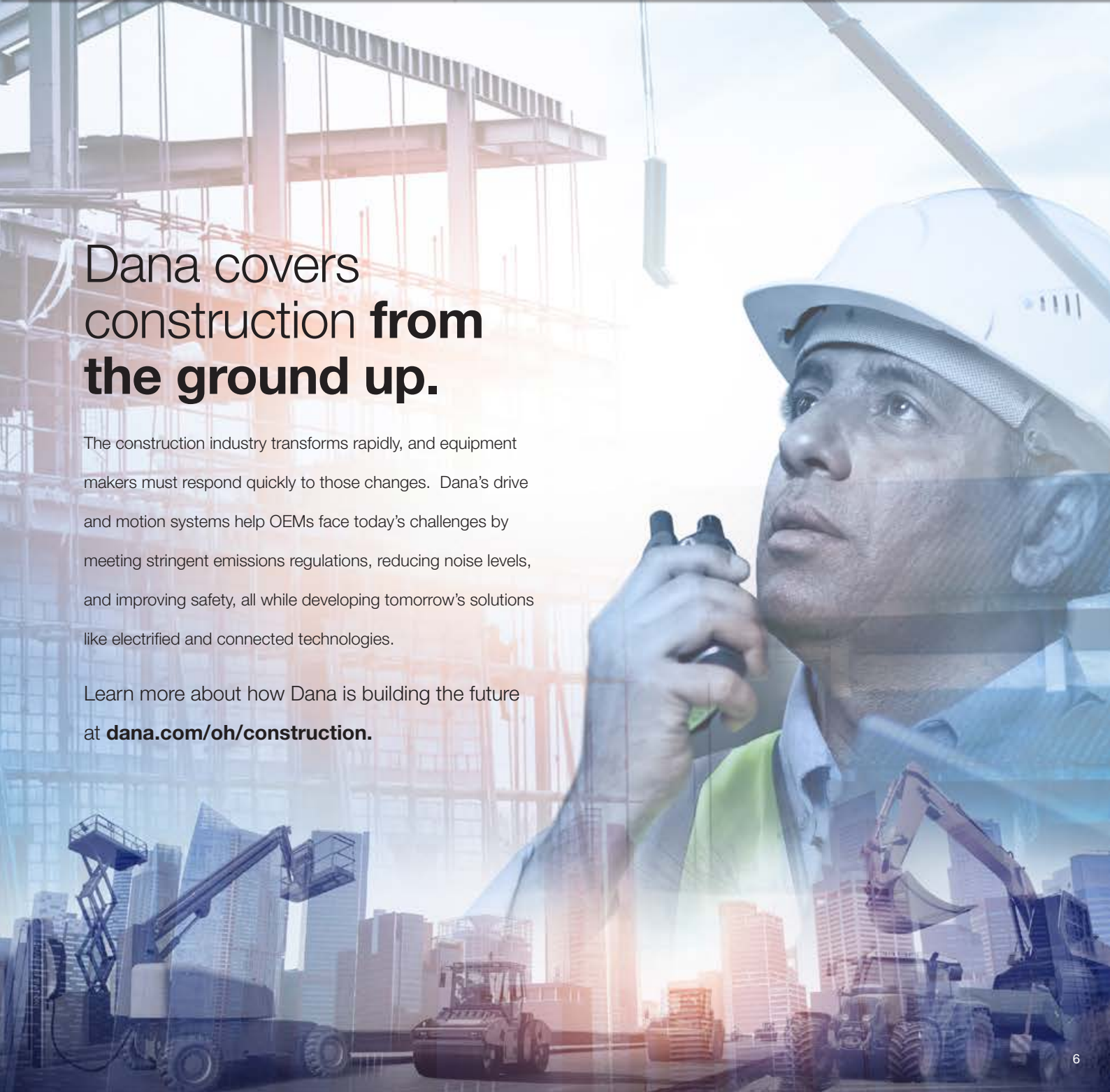
BREVINI®



Dana covers construction **from the ground up.**

The construction industry transforms rapidly, and equipment makers must respond quickly to those changes. Dana's drive and motion systems help OEMs face today's challenges by meeting stringent emissions regulations, reducing noise levels, and improving safety, all while developing tomorrow's solutions like electrified and connected technologies.

Learn more about how Dana is building the future at dana.com/oh/construction.





Technologies Customized to **Every Part of the Globe**

With a global presence in 33 countries, Dana Incorporated boasts more than 100 engineering, manufacturing, and distribution facilities. With a worldwide network of local service centers, each customer is assured of the local proximity and responsiveness they need.

About Dana Incorporated

Dana is an integral partner for virtually every major vehicle and engine manufacturer worldwide. We are a leading supplier of drivetrain, sealing, and thermal technologies to the global automotive, commercial-vehicle, and off-highway markets. Founded in 1904, we employ thousands of people across six continents.



About Dana Off-Highway Drive and Motion Technologies

Dana delivers fully optimized Spicer® drivetrain systems and individual product solutions to customers in construction, agriculture, material-handling, underground-mining, and forestry markets, plus Brevini® motion systems for machine working functions. We bring our global expertise to the local level with technologies customized to individual requirements through a network of strategically located technology centers, manufacturing locations, and distribution facilities.

Learn more about Dana's drive and motion systems for compactors at dana.com/offhighway.

dana.com/oh/contact



SPICER® **BREVINI®**

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.