

Wheeled Excavators

Innovative Drivetrain Solutions



SPICER[®]
Off-Highway Systems

Complete Systems | Transmissions | Controls | Driveshafts | Axles



Construction



Agriculture



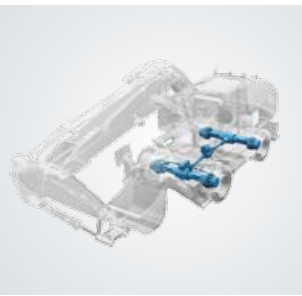
Mining



Forestry



Material Handling



Spicer® Drivetrain Systems for Wheeled Excavators

Rely on more than 100 years of Dana innovation with products designed specifically for construction vehicles to meet any need. Our full line of Spicer® drivetrain systems for wheeled excavators is designed with internal, fade- and maintenance-free, liquid-cooled brakes, and lube-for-life driveshafts.

Spicer® Transmissions

The Spicer transmission range offers options for excellent ratio coverage and enhanced vehicle performance. Spicer single- or two-speed transfer cases provide installation flexibility with the option of fixing directly to the axle, or remotely where a high mount is preferred. Designed for direct mounting of the hydrostatic motor, full power shifting is offered with electronically controlled modulation (ECM) to ensure smooth shifting with downshift protection.

Spicer® Axles

Spicer axles deliver the required tractive effort for your specific needs. The wet disc brakes for wheeled excavators are mounted inboard for vehicles up to 8.5 (8 tonnes) and outboard up to 18 tons (16 tonnes). The outboard brake designs eliminate jerking while the vehicle digs to ensure smooth operation. A spring-applied hydraulic-release (SAHR) parking brake is an option on axles with inboard brakes.

Spicer® Driveshafts

Spicer driveshafts offer design flexibility and the durability to work reliably on varied and uneven terrains in countless environments. More than a century of innovation is reflected in every Spicer driveshaft, ranging from 1,000 Nm models for mobile vehicles to 15,000,000 Nm models used in industrial applications. Dana continuously develops new designs, materials, and processes for Spicer driveshafts to provide more power, efficiency, and overall performance.



Spicer® Wing® Series driveshaft

Carrier Weight		Spicer® Drivetrain System Solutions		
Tons (Tonnes)	Transmission	Axle	Driveshaft*	
5.5-8.5 (5-8)	315	111, 211	10™ Series: 1410*	
8.5-13 (8-12)	311, 357, 367	112, 212, 162LD, 262LD	10™ Series: 1480*	
13-18 (12-16)	357, 367	162UP, 262UP	10™ Series: 1480*	
18-20 (16-18)	360	163, 263	Wing® Series: 6C, 7C*	
20-24 (18-22)	360	—	Wing® Series: 6C, 7C*	
24-27 (22-24)	360	—	Wing® Series: 8C*	

*Other driveshaft series and end-fitting designs available.

Dana provides drivetrain solutions for wheeled excavators with a wide range of carrier weights.



Spicer® 367 Hydrostatic Transmission, Shift-On-Fly

Engineered for wheel loader, telehandler, and wheeled excavator applications, this gearbox delivers smooth shift characteristics, increased driver comfort, and enhanced vehicle performance.



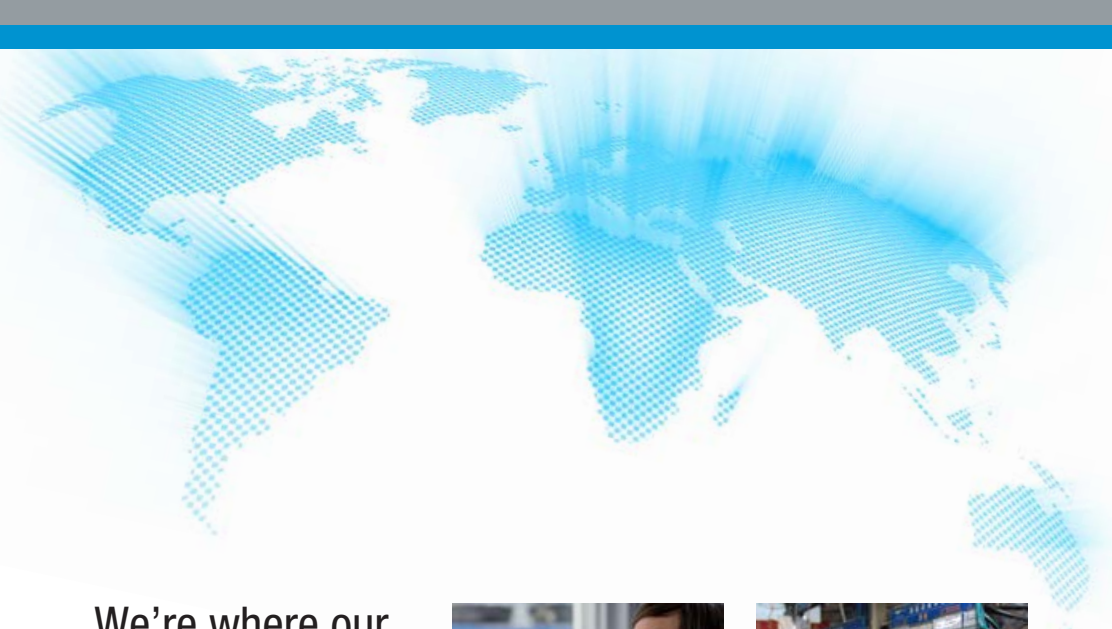
Spicer® 262 Rigid Steer Axle

Designed specifically for wheeled excavator applications, these industrial planetary steer axles feature a brake design that eliminates wheel jerking and ensures smooth operation.



Spicer® 10™ Series Driveshaft

Ideal for the rigorous demands of most mobile off-highway applications, this driveshaft features a torque capacity up to 5,500 Nm and a swing diameter of 134.9 mm.



We're where our customers are and where they're going.



Dana Global Replacement Parts and Service

Dana operates global service parts distribution centers and more than 60 authorized Spicer® Service Centers for customers in more than 100 countries. This global presence ensures that you get local access to the parts and technical support you need. We also provide a single source for Long® thermal-management and Victor Reinz® sealing system replacement parts. Precision-engineered and rigorously tested, only these genuine parts can provide the reliable performance required to minimize downtime and costs.

Global Quality Standards

To consistently deliver world-class quality, Dana builds on our manufacturing excellence by employing global quality standards at every facility and technology center worldwide. Throughout all stages of product development, we integrate global resources and local expertise with rigorous process controls. This allows us to deliver identical products wherever our customers are located that meet and exceed standards set. Such a steadfast commitment to quality is one of the reasons why we are the supplier of choice for many world-leading off-highway OEMs.

Learn more about Dana's advanced drivetrain systems by visiting dana.com/offhighway.

About Dana Incorporated

Dana is a world leader in highly engineered solutions for improving the efficiency, performance, and sustainability of powered vehicles and machinery. Dana supports the passenger vehicle, commercial truck, off-highway, and industrial markets as well as industrial and stationary equipment applications. Founded in 1904, Dana employs thousands of people in 34 countries on six continents who are committed to delivering long-term value to customers.

About Dana Off-Highway Drive and Motion Systems

Dana delivers fully optimized drivetrain systems, power-transmission and fluid-power technologies, as well as individual product solutions to customers in construction, agriculture, industrial, material-handling, underground-mining, and forestry markets. Dana brings 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.

dana.com/oh/contact



SPICER®

Off-Highway Systems

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.