Drive and Motion Systems for Feed Mixer Machines

Dana Spicer® Drivetrain systems and Brevini® motion systems solutions for Feed Mixer Machines
A cattle feed mixer can be self-propelled, trailed or stationary, and can be fitted with a Vertical or Horizontal mixer. Our current portfolio is able to support any of these configurations. Machines are designed to feed cattle on a daily basis, i.e. intensive use. The milling head gathers the fodder, pushing it into the conveyor through the desilage arm, to reach the vertical mixer, where the original fodder is mixed with a nutritional supplement for cattle. At the machine’s end, a distribution system spreads the final mixed fodder evenly into the cattle storage unit.

Dana Motion System’s range of cattle feed mixer drives are modular planetary gear units modified to meet the operating requirements of cattle feed mixers in agricultural industries. The mixer drives combine the traditional advantages of Dana planetary technology – compactness and high efficiency – with the characteristics of strength and reliability. The hydrostatic transmission of these machines can be made with our rigid or steering axles plus hydraulic motor or by wheel drives.
Spicer® drivetrain systems include a range of axle options, wheel and track drives, hydrodynamic transmissions, and electronic controls. In addition, Brevini® motion products for the Cattle Feed Mixer include gearboxes and hydraulic components such as motors, pumps, and valves. Dana’s portfolio of advanced technologies has been engineered to support increased productivity and reliability, and lower emissions. It will improve operator safety and comfort, and reduce total cost of ownership. Dana offers customized solutions to meet a range of customer needs in the most demanding environments, developed to match the robustness and duration required for typical agriculture applications.

**Spicer® Wheel Drives**
Wide range of Spicer wheel drive for self-propelled feed mixers
One effective solution provider: wheel drive equipped by hydraulic / electric motors
Robustness, compactness and reliable solution to match the high performances required by agriculture machines
Parking and dynamic braking system integrated
Mechanical disconnect device for towing

**Spicer® Axles**
Multiple configurations available
Bevel set and two different hub reduction sizes produce different ratios
Suitable for hydrostatic or hydrodynamic drivelines
Different design implemented to fulfill market demand

**Spicer® Driveshafts**
Optimized torque-carrying capability to meet vehicle demands
Service-free option provides a maintenance-free product
Completely interchangeable with relubeable products to reduce service parts
Smaller packaging allows for greater flexibility among driveshaft configurations
Industry leader providing broadest range of products to meet your requirements
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. Our worldwide network of local service centers provides assurance that each customer will benefit from the local proximity and responsiveness that 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.

Learn more about Dana’s drivetrain and motion systems at dana.com/offhighway

Dana.com/oh/contact

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.

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