



Drive for Efficiency Propels Dana into 2014 Mid-America Trucking Show

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LOUISVILLE, Ky., March 27, 2014 /PRNewswire/ -- At the 2014 Mid-America Trucking Show this week, Dana Holding Corporation (NYSE: DAN) will exhibit a wide range of drivetrain and engine technologies that help make commercial vehicles more fuel-efficient, reliable, productive, and cost-effective over the long term.

Dana will showcase numerous offerings for commercial vehicles in booth 30455, including:

- new, lighter weight Spicer® steer axles that provide improved braking capabilities;
- the Spicer® AdvanTEK® 40 axle, a new, efficient 40,000-pound tandem axle that offers the industry's fastest axle ratio of 2.26:1;
- the Spicer® EconoTrek™ 6x2 tandem axle, which is now available for 2014 Peterbilt and Kenworth commercial vehicles;
- two extensions to the Spicer® S140 Series of single-reduction, single-drive axles;
- the Spicer® Pro-40™ tandem axle specifically engineered for professional linehaul, regional haul, and city delivery customers;
- robust Spicer Life Series® main driveshafts and inter-axle shafts for high-efficiency drivetrain configurations;
- the Spicer® Diamond Series® driveshaft, the first all-aluminum driveshaft, which helps to reduce weight by 100 pounds;
- optimized Spicer® tire pressure system options for linehaul tractors;
- next-generation VictoCor™500 cylinder-head gaskets, featuring multi-layer steel (MLS) inserts that meet extreme durability, high-stress, and pressure requirements; and
- a new Spicer Heavy Axle Steering Components All-Makes product line with complete coverage for all Spicer steer axles, including knuckles, steer arms, crosslink assemblies, beams, and whole axle assemblies.

"The Mid-America Trucking Show draws more than 80,000 key players in the commercial-vehicle industry from all across North America, so it is an excellent opportunity for Dana to demonstrate our full selection of advanced drivetrain technologies," said Pat D'Eramo, president of Dana Commercial Vehicle Driveline Technologies. "With many new drivetrain solutions supported by our ongoing commitment to research and development, Dana has the broad product line and engineering expertise needed by original-equipment manufacturers and fleets to get the most pay out of their loads."

New Spicer® Steer Axles

Dana will present two new steer axle designs engineered for reduced weight and increased reliability. New Spicer E-Series steer axles feature a steel-forged beam design that reduces axle weight by up to 35 pounds while still delivering the strength and torsional stiffness needed for superior vehicle braking response. Available in the first half of 2015, they are targeted for on-highway, city delivery, and bus chassis applications with gross axle weight ratings from 10,000 to 13,200 pounds.

Also, a new family of Spicer D-Series steer axles for applications with gross axle weight ratings from 10,000 to 14,600 pounds features an integrated air disc brake (IADB) knuckle that allows fleets to specify air disc brakes without a net increase in weight over most S-cam drum brake axle systems. These axles enable improved vehicle stopping power and reduced maintenance without the added weight that typically results from specifying air disc brakes.

Spicer® AdvanTEK® 40 Tandem Axle

Dana has begun initial production of the Spicer AdvanTEK 40 tandem axle with a select number of popular axle ratios, including the industry's fastest axle ratio of 2.26:1. The product's full selection of 13 ratios from 2.26 to 3.91 and options for a variety of Class 8 applications will be available this summer.

A finalist for a 2014 *Automotive News* PACE Award, the Spicer AdvanTEK 40 tandem axle incorporates a powerful combination of technologies that can enable an engine at highway cruise speed to run up to 200 rpm lower than alternative powertrain systems while still reducing weight and increasing axle efficiency.

Spicer® EconoTrek™ 6x2 Tandem Axle

Weighing up to 400 pounds less than a traditional 40,000-pound 6x4 tandem axle arrangement, the Spicer EconoTrek axle offers numerous innovations for reducing maintenance and increasing the fuel economy of heavy-duty linehaul tractors from 2 to 3 percent.

The Spicer EconoTrek™ 6x2 tandem axle is now available for 2014 Peterbilt and Kenworth commercial vehicles. It supports the use of wide-based single tires on standard track axles with two-inch offset wheels. Later this year, Dana will release a SelecTTrac™ option that provides maximum hub rating capability for fleets that spec 0- to 0.56-inch offset wheels for wide-based single tires.

Spicer® S140 Series Single-Reduction, Single-Drive Axles

Dana has launched two new Spicer S140 Series axles that extend the company's lineup of single-reduction, single drive axles to medium-duty Class 6 and Class 7 vehicles with gross axle weight ratings (GAWR) up to 21,000 pounds and gross combined weights (GCW) up to 46,000 pounds.

Up to 50 lbs. lighter than competitive offerings, the new Spicer S140 Series drive axles feature best-in-class GenTech™ gearing, which delivers automotive-level noise quality combined with increased torque capacity and durability for pickup, delivery, school bus, midi bus, motor home,

municipal, and utility applications.

Spicer® Pro-40™ Tandem Axle

Weighing up to 100 pounds less than a traditional 40,000-pound tandem axle, the Spicer Pro-40 tandem axle offers a dramatic weight reduction and improved power density, enabling customers to increase payload, improve fuel economy, and ultimately improve their bottom line.

Spicer Life Series® Main Driveshaft and Inter-Axle Shaft

The most robust heavy-duty driveshaft and inter-axle shaft in their class, the SPL® 350 driveshaft and SPL® 250 inter-axle shaft are designed to withstand the increased stress placed on the driveline by high-efficiency on-highway trucks with downsped engines, as well as severe vocational applications including heavy equipment, mining, oil fields, and road trains.

Delivering up to 35,000 Nm (26,000 ft-lbs.) of torque capacity, the SPL 350 driveshaft and SPL 250 inter-axle shaft are equipped with High Power Density™ design features that extend product life and outperform competing driveshafts. They offer more power density, 40 percent more torque carrying capability, and double the bearing life over competitive designs. Like all Spicer heavy-duty SPL® U-joints, these products feature an optional service-free design for further maintenance and lifecycle benefits.

Spicer® Diamond Series® Driveshaft

The recipient of a 2013 *Automotive News* PACE Award, the Spicer Diamond Series driveshaft is the first to combine dissimilar metals, successfully pairing steel end fittings with a single-piece, high-strength aluminum tube. The new design eliminates the center bearing used in traditional two-piece driveshafts, reducing component wear and installation costs. As a result, this technology can reduce vehicle weight by up to 100 pounds, improving fuel economy and load-carrying capacity.

Optimized Tire Pressure System

Currently undergoing road testing, Dana is developing optimized tire pressure system technology for linehaul tractors that is engineered to automatically maintain proper inflation for drive and steer axles. This integrated system will significantly minimize total cost of ownership through reduced maintenance, lower tire costs, and maximized fuel efficiency.

Victorcor™500 Cylinder-Head Gaskets

Designed with multi-layer steel (MLS) inserts, the new Victorcor 500 gasket takes sealing to the next level, helping heavy-duty engines achieve high-mileage by meeting extreme durability, high-stress, and pressure requirements for over-the-road hauling.

This new generation of reliable, high-performance Victor Reinz® cylinder-head gaskets utilizes high-grade rubber-coated stainless steel in place of traditional rubber inserts to provide optimal sealing performance at oil and coolant passages, as well as pushrod openings.

Spicer® Heavy Axle Steering Components All-Makes Product Line

This comprehensive all-makes product line includes complete coverage for all Spicer steer axles, including knuckles, steer arms, crosslink assemblies, beams, and whole axle assemblies. Additionally, the line spans draglinks, tie rod ends, and king pin kits for all makes and models of vehicles in the heavy-duty market.

This newly launched product line of durable and versatile technologies delivers original-equipment quality for a variety of heavy-duty vehicle and supplier programs. Totalling some 1200 SKUs, the product line includes more than 135 king pin kits, 155 draglinks, and 90 tie rod ends.

E-Newsletter for Commercial-Vehicle Fleets

Dana has launched an e-newsletter for commercial-vehicle fleets that explores trends in the industry and offers helpful information for fleets to reduce costs and increase the productivity of their drivetrains.

"Dana Extras™" iPad App

The "Dana Extras™" iPad app helps users address design, specifying, training, and service needs in the commercial-vehicle market. Recently updated, it provides key features and benefits about Dana's drivetrain solutions and offers instant access to technical and product literature, requests for application approvals, digital product tutorials, and the Dana Warranty System.

Users may also order literature, view helpful videos, and employ calculators to estimate the savings in operating costs that can be achieved by specifying Dana driveline technologies.

More details on the "Dana Extras" iPad app are available here: <https://itunes.apple.com/us/app/dana-extras/id617397558?mt=8>.

About Dana Holding Corporation

Dana is a global leader in the supply of highly engineered driveline, sealing, and thermal-management technologies that improve the efficiency and performance of vehicles with both conventional and alternative-energy powertrains. Serving three primary markets – passenger vehicle, commercial truck, and off-highway equipment – Dana provides the world's original-equipment manufacturers and the aftermarket with local product and service support through a network of nearly 100 engineering, manufacturing, and distribution facilities. Founded in 1904 and based in Maumee, Ohio, the company employs 23,000 people in 26 countries on six continents. In 2013, Dana generated sales of \$6.8 billion. For more information, please visit dana.com.

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