



Dana Launches e-Axles for Class 7 and 8 Vehicles, Expanding Commercially Available Heavy-Duty e-Powertrain Offerings

September 1, 2021

LONG BEACH, Calif., Sept. 1, 2021 /PRNewswire/ -- Dana Incorporated (NYSE: DAN) today announced an expansion of its Spicer Electrified™ e-Powertrain offerings to include a family of single and tandem e-Axles designed for a wide variety of Class 7 and 8 applications. The Spicer Electrified™ Zero-8 e-Axles complement Dana's established heavy-duty electric-vehicle (EV) e-Propulsion systems, which are currently powering thousands of vehicles around the world.



The Zero-8 e-Axles leverage Dana's most robust and efficient drive axle technology, and are precisely engineered for demanding, over-the-road applications. The new e-Axle portfolio supports Dana's approach to meet the diverse landscape of Class 7 and 8 EV architectures with multi-faceted electric powertrain solutions, including systems for direct drive and now 4x2, 6x2, and 6x4 multi-speed e-Axle systems.

"Dana has leveraged its experience in global heavy-duty e-Powertrain systems to introduce a complementing family of e-Axles that offer maximum efficiency, performance, and reliability," said Ryan Laskey, senior vice president of Commercial Vehicle Drive and Motion Systems for Dana. "These new product platforms utilize our proven, vertically integrated motors and inverters and provide our customer with improved packaging and efficiency for their electric vehicle needs. Our technical team is committed to providing our customers with the best purpose-built, zero-emission solutions."

The new e-Axles are designed to easily integrate into most existing chassis. The platform utilizes Dana's vertically integrated and long-standing technologies, including Dana TM4™ motors and inverters, Spicer® high-efficiency axle gearing, Graziano® synchronizers, transmission controllers, system software, and shift system and controls.

The 4x2, 6x2, and 6x4 configurations are compatible with drum or disc brakes, and are available as completely integrated fully dressed assemblies. The e-Axles range from 52,000 Nm to 69,000 Nm of nominal output torque, and support gross axle weight ratings (GAWR) from 21,000 to 30,000 pounds for single e-Axle configurations, and 40,000 to 52,000 pounds for tandem e-Axle propulsion.

Additional distinct features of the system are its modular motor design that provides easy accessibility for servicing and maintenance, and a motor interchange capability for increased ease of scalability in the Class 7 and 8 application range, further accommodating customers' electrified platforms.

"These new e-Axles are predicated on our most sought-after, field-proven technologies," Laskey added. "They are currently undergoing testing around the world in both battery-electric and fuel-cell applications and are ready for full-scale adoption as the commercial-vehicle segment continues to progress to fully electrified platforms."

With global production strategies underway, Dana has commitments from global OEM customers with deliveries beginning in late 2023.

The new e-Axle offering will be on display at the Advanced Clean Transportation (ACT) Expo, along with the comprehensive Spicer Electrified offering, Aug. 31 – Sept. 2, in Dana's booth, 1946.

About Dana Incorporated

Dana is a leader in the design and manufacture of highly efficient propulsion and energy-management solutions for all mobility markets across the globe. The company's conventional and clean-energy solutions support nearly every vehicle manufacturer with drive and motion systems; electrodynamic technologies, including software and controls; and thermal, sealing, and digital solutions.

Based in Maumee, Ohio, USA, the company reported sales of \$7.1 billion in 2020 with 38,000 associates in 33 countries across six continents. Founded in 1904, Dana was named one of "America's Most Responsible Companies 2021" by Newsweek for its emphasis on sustainability and social responsibility. The company is driven by a high-performance culture that focuses on its people, which has earned it global recognition as a top employer, including "World's Best Employer" from Forbes magazine. Learn more at dana.com.

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