# Full-System Solutions for **Site Dumpers**

Dana works with leading OEMs in electric innovation to build the construction equipment of the future today. Our electrified driveline for site dumpers offer improved efficiency, reduced power losses, and lower noise-all in emission, all in a compact and high-performance solution. These machines are able to withstand the toughest working conditions with improved operator comfort and exceptional productivity in any conditions.



### **Spicer<sup>®</sup> Planetary Non-Steering Axle**

- Available with disk or drum brake
- Multiple configurations available



## **Spicer<sup>®</sup> Driveshafts**

- Ideal for the rigorous demand of most off-highway applications
- Designed for minimal maintenance, longer life and reduced operating cost



### TM4 Electrodynamics<sup>™</sup> e-Pump Motor

- Effective performance and operation with a compact design
- SYR and IPM technology for high-efficiency
- Modular approach



### Spicer Electrified<sup>™</sup> eSG001

- High-efficiency single-speed
- Ideal for high-performance motors
- Compact and light



### Spicer Electrified<sup>™</sup> eSG101

- High-efficiency single-speed
- Ideal for high-performance motors
- Enhances vehicle mobility

### **Spicer® Electronic Controls**

- Enables communication between driveline components
- Support for OEM movement in digitalization and automation



# AC-X1 Inverter

- Up to 50% higher power density
- High-efficiency and long life power stage - DBC (Direct Bonded Copper) patented MOSFET multilayer power module technology





## Graziano<sup>™</sup> Shifting Solutions

- High-efficiency powershifts
- Enhanced shifting performance and driver comfort





### Spicer Electrified<sup>™</sup> eSG102

- High-efficiency, two speed
- Ideal for high-performance motors
- Enhances vehicle mobility

### Spicer<sup>®</sup> Two-Speed Gearbox

- Extremely compact and versatile
- Enhances vehicle mobility and precise shifting