Full-System Solutions for **Empty Container Handlers**

Our drive and motion solutions provide the power and efficiency needed to help manufacturers of empty container handlers support the decarbonization initiatives of increasingly busy ports, wharfs, and storage yards. We help empty container handlers handle vertical loads quickly, safely, and efficiently, including innovations for electrified vehicle architectures.

Full-System Solutions for **Forklifts Heavy**

As port traffic accelerates with the growth of e-commerce, manufacturers of heavy forklifts and other large material-handling vehicles face the demand for rugged, nimble configurations that also support decarbonization. We supply complete Spicer® drivetrain solutions that help reduce the emissions of ICE-powered vehicles as well as leading-edge technologies for advanced electric-drive and autonomous designs.

Spicer® Planetary Non-Steering Axle

- Multiple ratios and wheel interfaces
- Different differential options
- Available also as electrified axle

Spicer[®] **Driveshafts**

- Ideal for the rigorous demands of most mobile
- Designed for minimal maintenance, longer life. and reduced operating costs

Spicer® Planetary Non-Steering Axles

- Maximum performance and offer easy, low-cost service
- Modular design on several heavy axles and all medium axles
- Maintenance-free brakes and high-integrity sealing
- Many configurations and options available



Spicer[®] **Driveshafts**

- Ideal for the rigorous demands of most mobile off-highway applications
- Designed for minimal maintenance, longer life, and reduced operating costs

Spicer Electrified[™] eSP502

- Balanced performance, no working interruptions
- Dual-motor setup for system redundancy



TM4 Electrodynamics SUMO[™] LD Motor **Inverter System**

- High torque/low speed internal permanent magnet motor and inverter combinations
- Designed and validated as per axle mount requirements
- Seamless integration into Dana axles

off-highway applications

Spicer Electrified[™] eSP502

- Balanced performance, no working interruptions
- Dual-motor setup for system redundancy

Spicer[®] Hydrodynamic **Transmissions**

- Advanced electronic controls
- Highly-efficient aluminum-cast converter with lockup option
- 5 speeds for best performance, heavy duty PTO's