

The most compact drive and steering solutions for AGV & AMR applications

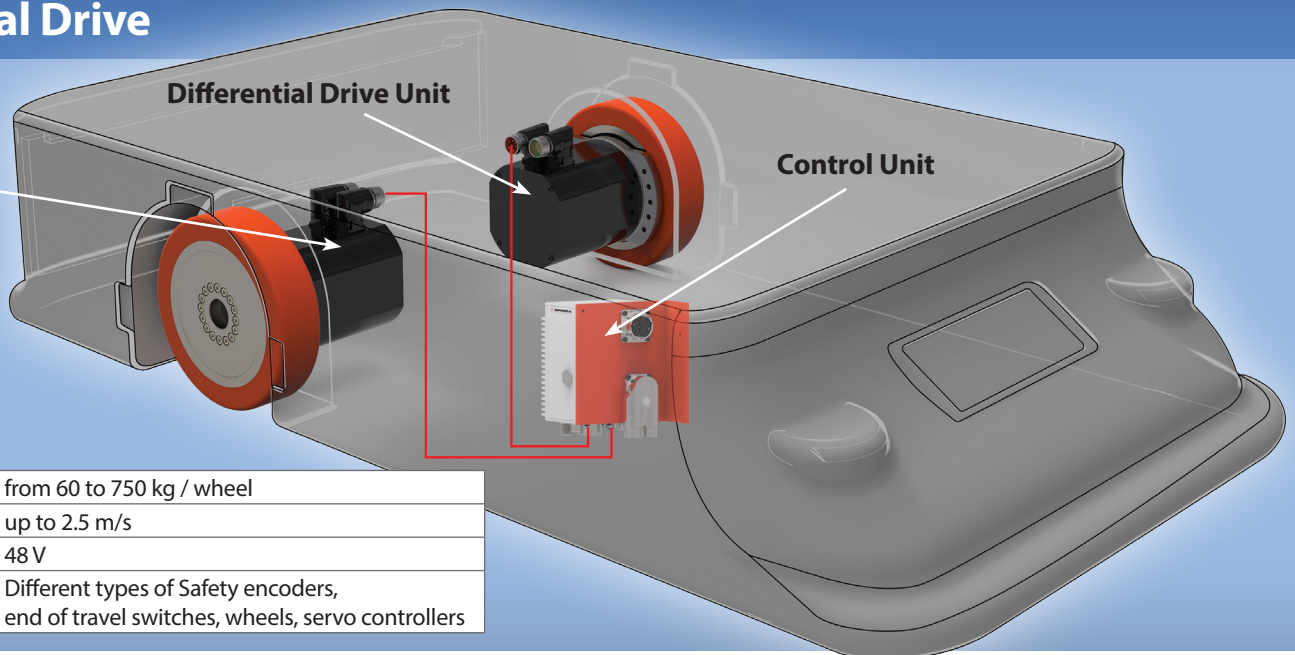
Our drive units and control units feature industry leading design and specifications, allowing for use in situations where size matters. Configuration and customization is available for all components including motors, gears, wheels, brakes, encoders, cabling and controllers.

Features:

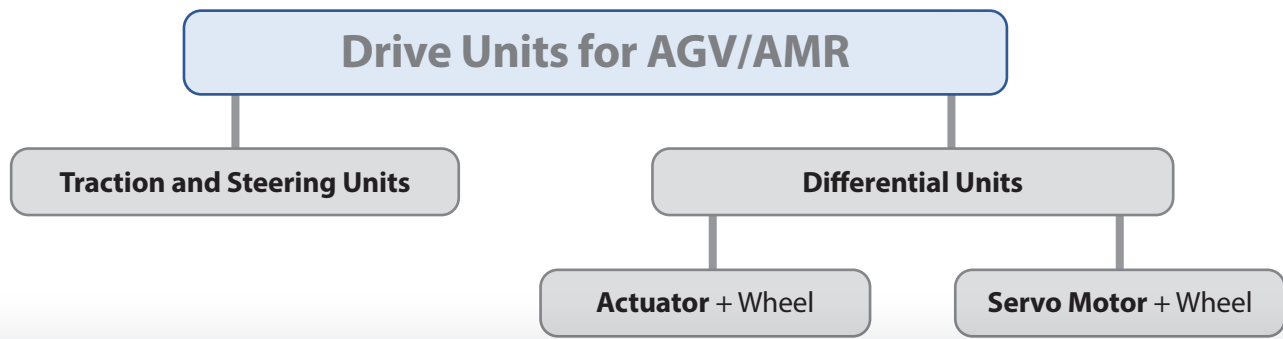
- Compact, robust design
- High-output speed and small outer diameter
- Strong axial-radial bearings for high load capacity
- Integrated double bearing system
- Different types of wheels available according to floor requirements
- Custom designs available

Differential Drive

DriveSpin optimized design for AGV



Payload	from 60 to 750 kg / wheel
Max. Speed	up to 2.5 m/s
Nominal voltage	48 V
Options	Different types of Safety encoders, end of travel switches, wheels, servo controllers



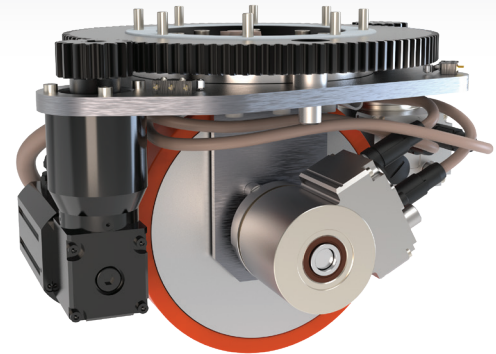
Differential Drive Unit The shortest (axial length) solution

Payloads	500 kg
Max. Acceleration	1.5 m/s ²
Max. Speed	up to 2.5 m/s
Life Time	> 65,000 hrs (value depends on the duty cycle)
Wheel	140 / 160 / 200 mm
Battery voltage	24 or 48 VDcV
Connection	Plugs or open leads
Axial length	190 mm
Brake	Configurable
Encoder	Configurable
Safety level	STO SIL3



Steering & Drive The most compact Central Rotary Platform

Payloads	5000 kg
Max. Acceleration	1.5 m/s ²
Max. Speed	up to 21.9 m/s
Life Time	> 65,000 hrs (value depends on the duty cycle)
Wheel Ø	140 / 160 / 200 mm
Battery voltage	24 or 48 VDcV
Connection	Plugs or open leads
Height	192 mm
Brake	Configurable
Encoder	Configurable



Steering & Drive The lowest profile Central Static Platform

Payloads	500 kg / more upon request
Max. Acceleration	1.5 m/s ²
Max. Speed	1.6 m/s
Life Time	> 65,000 hrs (value depends on the duty cycle)
Wheel	140 mm
Battery voltage	24 or 48 VDcV
Connection	Plugs or open leads
Height	172 mm
Brake	Configurable
Encoder	Configurable
Safety level	Available on request

