



FORKLIFT LINE

SPE 160

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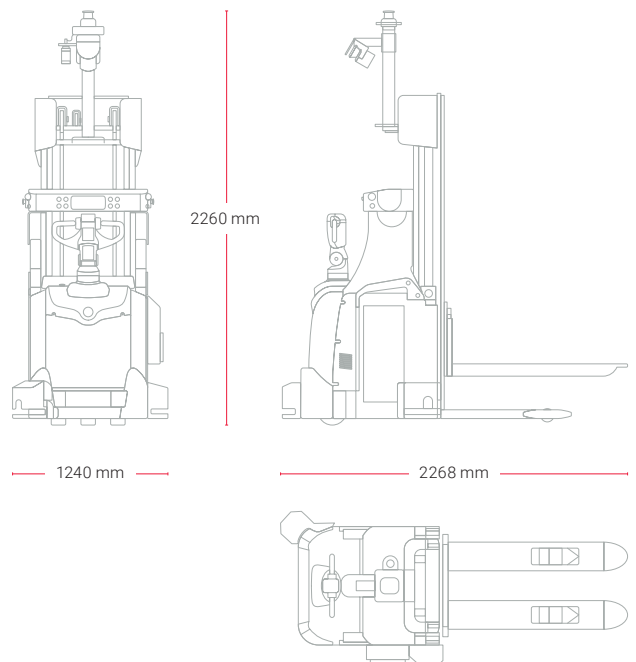
Improve your competitiveness by automating your palletised load handling.

Our stacker AGVs range for industrial environments provides an automatic, safe and flexible solution coexisting with humans and manual trucks if necessary. This multifunctional wide range of vehicles, equipped with a laser guidance system, is perfect to handle goods with a high precision.

Total manoeuvrable control and great facility to operate thanks to its automatic or manual driving.

- **SAFE:** Protection 360°. Two safety lasers with a total coverage of the vehicle's perimeter provide safe operations.
- **MODULABLE:** Configurable mast and available forks according to their height and load. Optional elements depending on the requirements of the project.
- **FLEXIBLE:** Easy updates, upscales and modifications.

Service weight capacity	1600 kg
Lifting height	4800 mm*
Residual capacity at maximum lifting height	825 kg @ 600 mm cg (standard mast)
Dimensions (LxWxH)	2268 x 1240 x 2260 mm**
Movement	Bidirectional
Navigation system	Laser
Speed range	Forward: From 0.1 to 1.7 m/s Backward: From 0.1 to 1 m/s
Turning radius	1825 mm
Positioning accuracy	Up to ± 10 mm
Manual movement	Tiller device
Battery	Lead Acid 24 V 500 Ah Li-ion 24 V 251 Ah
Charging system	Online charging system (brushes) Manual battery interchange system
Environment	Indoor
Safety systems	1 x Safety PLC 2 x Safety laser for indoor environment 1 x Load detection sensor 4 x Fork tip sensors 3 x Emergency stop button
Optional elements	Anti-collision scanner Stabilizing tamp Barcode scanner/RFID readers Bluespot Operator/Manual forklift detection system by tags
Handling system	Forks
Fleet management system	SIGAT 120 (Interface) Kollmorgen (Fleet Manager)
Communication	WiFi
Connectivity	HMI: Touchscreen USB; Ethernet. Standard Industrial connectivity Through IT: capture boxes, PLC interface (OPC), ERP, MES, WMS, tablets



\*Other mast options available  
\*\*Height may vary depending on the optional elements and mast configuration

**ASTI**

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