



FORKS AGVs

Stacker SPE 140S

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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 security 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.



Dimensions (LxWxH)	2268 x 1240 x 2260 mm (Height may vary depending on the optional elements and mast configuration)
Weight (w/o battery)	1241 kg (battery: 170 kg approx.)
Service weight capacity	1400 kg
Standard lifting height	4800 mm (other mast options available)
Residual capacity at maximum lifting height	1150 kg @ 600 mm cg (standard mast)
Speed range	Forward: 1.7 m/s. Backwards: 1 m/s
Manual movement	Tiller device
Guidance / Navigation system	Laser
Batteries	Lead Acid Li-ion
Recharge method	Manual battery interchange system Automatic battery interchange system Online charging system
Autonomy	24/7
Safety elements	Safety scanners x 2 Safety PLC Load detection sensor Fork tip sensors Emergency stop buttons x3
Optional elements	Anti-collision scanner Stabilizing tump Bar codes reader / RFID Reader Bluespot Operator/Manual forklift detection system by tags
Environment	Indoor
Software interface	SIGAT
System manager	Kollmorgen
Communication	WiFi
Connectivity	HMI: Touchscreen USB; Ethernet. Standard Industrial connectivity Through IT: capture boxes, PLC interface (OPC), ERP, MES, WMS, tablets...

