



FORKLIFT LINE

CB 2000

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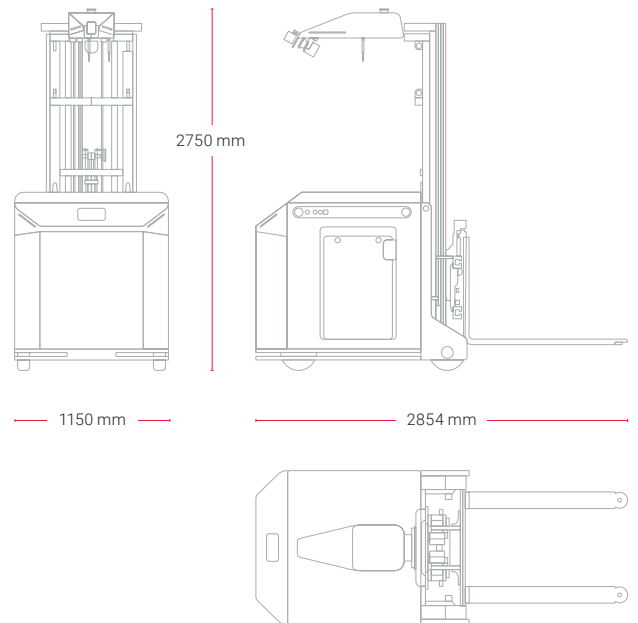
Agile, precise, safe and efficient in confined spaces.

Best in class turning radius and excellent manoeuvrability, developed for ground, linear, conventional rack and drive in loading and unloading, allowing more advanced functions like stacking and unstacking. Great performance in loading management, with a capacity of up to 2 Tn that can reach a height of eight metres.

A mobile robot characterised by its agility, precision, safety, sturdiness and efficiency that adapts perfectly to processes.

- **STURDY:** Powerful performance handling heavy loads while lifting. Automated 24/7 work, with high energy efficiency.
- **AGILE:** Reduced turning radius and high angle velocity which gives it excellent manoeuvrability allowing entries into narrow aisles. In addition, it is fast, reaching 2 m/s while loaded.
- **SAFE:** 360° protection. It has different safety systems which guarantee its reliability to any interference.

Service weight capacity	2000 kg
Lifting height	4000 mm 6000 mm 8500 mm
Residual capacity at maximum lifting height	2000 kg @ 600 mm cg up to 4.5 m height 1320 kg @ 600 mm cg up to 6 m height 680 kg @ 600 mm cg up to 8.5 m height
Dimensions (LxWxH)	2854 x 1150 x 2750 mm*
Movement	Bidirectional
Navigation system	Laser
Speed range	Forward: From 0.03 to 2 m/s Backward: From 0.03 to 1 m/s
Turning radius	1524 mm
Positioning accuracy	Up to ± 10 mm
Manual movement	Control Pad
Battery	Lead Acid 24 V 620 Ah Li-ion 24 V 251 Ah
Charging system	Online charging system (brushes)
Environment	Indoor
Safety systems	1 x Safety PLC 3 x Safety laser for indoor environment 1 x Load detection sensor 4 x Fork tip sensors 4 x Emergency stop button
Optional elements	Fork positioner Smart forks Anti-collision scanner Stabilizing tump Barcode scanner/RFID readers Bluespot Operator/Manual forklift detection system by tags
Handling system	Forks
Fleet management system	SIGAT (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



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