



FORKS AGVs

Counterbalanced CB 2.0

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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.

Dimensions (LxWxH)	2854 x 1150 x 2750 mm* (Height may vary depending on the optional elements and mast configuration)
Weight	3750 kg
Service weight capacity	2000 kg
Standard lifting height	4000 mm 6000 mm 8500 mm
Speed range	Forward: 2 m/s. Backwards: 1 m/s
Manual movement	Control pad
Guidance / Navigation system	Laser
Batteries	Lead Acid Li-ion
Recharge method	Manual battery interchange system Online charging system
Autonomy	24/7
Safety elements	Safety scanners x 3 Safety PLC x 2 Load detection sensor Fork tip sensors Emergency stop buttons x 4
Optional elements	Fork positioner Smart forks Anti-collision scanner Stabilizing tamp Bar codes readers / RFID Readers 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...

