

TECHNICAL DATA | FORKLIFT COUNTERBALANCE 1500 KG SAFE



Forklift Counterbalance

FC1500S

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The Counterbalance truck is the most versatile of the fork AGVs as it does not require support riggers. This Automatic Guided Vehicle (AGV) of Grenzebach fulfill the tasks of a forklift – without a driver, yet safe for working environments, and with reliable navigation. An expert in handling all types of pallets, grid boxes, and other transport goods such as rolls, barrels, and containers this fork AGV is ideal for working with automated production equipment.

- ▶ Opportunity charging available for 24 / 7 operation
- ▶ Handles all types of pallets
- ▶ Flexible path creation



AGV dimensions (approx.)	3,025 mm (L) x 1,250 mm (W) x 2,650 mm (H)
Payload	Up to 1,500 kg at 600 mm in fork *
Speed (empty)	0.02 – 1.5 m/sec
Speed (loaded)	Up to 1.2 m/sec
Turning radius	R = 1.65 m
Navigation	Laser, Induction, Camera Guidance
Travel	Forward and reverse
Stopping accuracy	Down to ±10 mm
Lifting range	Up to 1,000 mm for a standard (max. 2,500 mm)*
Lifting method	Hydraulic, Electric
Brake	Electromagnetic – Spring Applied/Electric Release
Operating voltage	48 VDC
Battery type	48 V 15 XFC 625
Battery charging	Battery Swap, Opportunity Charging
Safety	Programmable Laser Scanner – Front & Rear
Additional safety	Side Bumper + Fork Sensor
Operating time	24 hours, 7 days
Overall weight	4,500 kg (including battery)

* Possibility to have more with customized AGV.

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