

ARNY

The counterbalanced truck

DS
AUTOMOTION



**Payload
max. 1,5t /
3,300 lbs**



Versatile Heavyweight

When we developed our ARNY counterbalanced truck, we focused on one key requirement: a high load capacity at great heights. However, that wasn't enough. We also ensured its strength was packed into a compact housing, allowing it to maintain the necessary flexibility for narrow warehouses despite its size.

Entdecken Sie ARNY live
mittels Augmented Reality!



ARNY

The counterbalanced truck

Iconic Power

With uncompromising industrial suitability, a high load capacity, and an impressive lift height of up to 10.8 m / 35.4 ft, our counterbalanced truck is engineered to handle a wide range of applications, ensuring seamless integration into automated systems.

A key feature is the compact design, enabling efficient mobility in aisles as narrow as 3.7 m / 12.1 ft. With its small turning radius, the ARNY offers exceptional speed in load transfer, optimizing workflows in automated environments.

Thanks to its ISO suspension, the ARNY can be equipped with various fork versions, enabling it to transport a wide range of load carriers—from standard

pallets and pallet cages to large, custom-sized carriers. The ARNY excels in all free navigation modes and offers flexibility with various battery types and charging systems, ensuring seamless integration into diverse automated workflows.

Like the AMADEUS, OSCAR, and AMY series, the ARNY is designed to be fully driverless and can be seamlessly integrated into existing free-navigation solutions.

A comprehensive safety system with three integrated scanners ensures reliable 360° personnel protection, enabling smooth mixed operations. Optional 3D object detection is also available for enhanced safety.

Technical data

	ARNY			ARNY HD
	mono	duplex	triplex	triplex
Max. Payload	1.5 t / 3,300 lbs	1.2 t / 2,650 lbs	1 t / 2,200 lbs	1 t / 2,200 lbs
Net weight without battery	4.2 t / 9,260 lbs	4.8 t / 10,600 lbs	5.6 t / 12,350 lbs	6 t / 13,230 lbs
Max. speed	1.5 m/s / 4.9 ft/s	1.5 m/s / 4.9 ft/s	1.5 m/s / 4.9 ft/s	1.5 m/s / 4.9 ft/s
Lifting height	1.5 m / 4.9 ft	4.5 m / 14.8 ft	7.4 m / 24.3 ft	10.8 m / 35.4 ft
Fork design	ISO-fork carriage, forged forks, optional: sideshift, tilt adjustment, fork adjustment			
Navigation	contour, magnet, laser or hybrid			
Power supply	battery change (manually) or automatic charging			
Battery	lead acid, pure lead, lithium			
Low maintenance cost	good accessibility of the components, large control cabinet, easy drive change			
Personnel safety	3 safety laser scanner for 360° all-round protection			
Object protection	cameras			

Lifting height up to 10.8 m / 35.54 ft

