



Automated Very Narrow Aisle Turret Truck

K-MATIC

3,090 lb. Capacity

The K-MATIC is Linde's automated very narrow aisle (VNA) turret truck specializing in high density very narrow aisle pallet storage.

Automated Guided Forklifts [AGFs] are the future of efficient material flows. They mitigate labor market dependency, take over repetitive transport tasks, increase throughput volume, and reduce the error and accident rates in the warehouse. Linde Automation offers a wide range of cutting-edge automation solutions for pallet handling warehouse trucks from the MATIC Series. All models are platformed on series manufactured trucks with integrated intelligent navigation, safety technology and software.

- The Linde K-MATIC is a very narrow aisle (VNA) turret truck designed to move loads up to 3090 lbs with lift capabilities to 45 ft.
- K-MATIC is frequently used in full-in/full-out pallet storage applications in the warehouse, servicing distribution centers and production sites in high-SKU-variety, high-density, very-narrow-aisle applications.
- K-MATIC based automated storage and retrieval systems [AS-RS] are typically replenished by smaller pallet handling AGF or conveyor systems.
- K-MATIC VNA systems are scalable compared to stacker-crane alternatives as they can freely roam between aisles without the need for hardware fixtures and infrastructure.



LINDE K-MATIC

Characteristics	Manufacturer		LINDE
	Manufacturer's type designation		K - Matic
	Power unit		Battery
	Load capacity/Load	(lb)	3,090
	Overall Size (LxW)	(in)	133 - 153 x 59 - 61
	Default configuration		Turret head / swing forks
	Mast lift height	(ft)	33 - 45
	Overall size (LxW)	(in)	133 - 153 x 59-61 (b6 x 121)
	Typical operating aisle width with GMA pallet	(in)	72
	Travel Speed	(mph)	4-6
	Standard battery Voltage/Rated Capacity	(V) (Ah) Pbs	80 / 465 - 930
	Pallet positioning scanner included		
	Navigation		In-aisle: wire Outside of aisle: laser navigation
	Lowered mast height		Application specific
Common options	Operation capability		Automated & Auxiliary manual operation
	Principal equipment compliance standards/norms:		ANSI B56.5 Part III Machinery Directive (CE) requirements ISO3691-4 standard
	Blue Spot		
	Automatic charging		
	Telescopic forks		
	Inbound pallet contour control and verification system		



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