



# Automated Counterbalanced Narrow Aisle Forklift

## R-MATIC

### 3,000 lb. Capacity

The Linde R-MATIC is the automated narrow aisle counterbalanced forklift specializing in high-level narrow aisle storage.

Automated Guided Forklifts [AGF's] 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 R-MATIC is a counter-balanced moving-mast narrow aisle truck designed to move loads up to 3,000 lbs with lifting capabilities up to 33 ft.
- It is frequently used in pallet storage applications of raw materials, packaging materials, work in process, and finished goods.
- R-MATIC fleets are commonly used for multi-tier selective racking applications, block storage, gravity (FIFO) racking, and multi-deep shuttle racking (LIFO & FIFO).
- R-MATIC systems can handle versatile load profiles and combine high lifting capabilities with the flexibility of handling diverse and complex applications.



# LINDE R-MATIC

<b>Characteristics</b>	Manufacturer		LINDE
	Manufacturer's type designation		<b>R - MATIC</b>
	Power unit		Battery
	Load capacity/Load	(lb)	3,000
	Mast Lift Height: typically	(ft)	23 - 33
	Overall size (LxW):	(in)	102 - 56.7
	Minimal operating aisle width with GMA pallet	(ft)	12.5
	Standard battery Voltage/Rated Capacity	(V) (Ah) Pbs	48 / 465-775
	Navigation		Laser hybrid navigation
	Laser navigation scan height	(in)	98
	Lowered mast height		Subject to application
	Max floor incline		Subject to application
	Operation capability		Automated + Manual auxiliary operation
	Travel speed	(mph)	3.8
Principal equipment compliance standards/norms		ANSI B56.5 Part III	
		Machinery Directive (CE) requirements ISO3691-4 standard	
<b>Common options</b>	Blue Spot		
	Automatic opportunity charging		
	Curtain scanner front and/or sides		
	Pallet positioning scanner		

## NAVIGATION LASER

## USER INTERFACE

With screen or touchscreen

## SENSOR BOARD

With sensors and controls for load detection, pallet positioning, precise parking, etc.

## LASER SCANNER

LiDAR scanner monitors for obstacles such as pedestrians or other vehicles - and adjusts operation accordingly.



## AUTOMATION KIT

Steering unit receives driving orders from the control system

## CONTROL LIGHTS

Display of vehicle movements

## EMERGENCY STOPS

On each side of mast

For more information on Linde Material Handling equipment, please contact:



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Linde Material Handling

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