



## Automated Tugger Train

# P-MATIC

### 11,000 lb. Capacity

The Linde P-MATIC is the automated tugging-train specializing in high volume horizontal material transport.

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 P-MATIC automatic tugging-train is designed for hitching carts and trailers up to 11,000 lbs total.
- It is frequently used in warehouse and production logistics for the delivery and take-away of raw materials, packaging materials, work in progress, finished goods, and for the disposal of waste products.
- Within a milk-run application, multiple routes with several stations can be replenished by a P-MATIC fleet.
- Lean tugging train systems allow for the movement of multiple loads at the same time and combine in-and-outbound flows.



# LINDE P-MATIC

<b>Characteristics</b>	Manufacturer		LINDE
	Manufacturer's type designation		<b>P-MATIC</b>
	Power unit		Battery
	Operation		Stand
	Load capacity/Load	(lb)	6,600 - 11,000
	Overall size (LxW)	(in)	70 x 32 - 36
	Travel Speed (With load)	(mph)	4.4
	Navigation		Laser Hybrid Navigation
	Laser navigation scan height	(in)	98
	Standard Battery Voltage/Rated Capacity	(V) (Ah) PbS	24 / 270
	Max floor incline		Subject to application
	Operation capability		Automated & Manual auxiliary operation
	Amount of carts/trailers		2-6
Principal equipment compliance standards/norms		ANSI B56.5 Part III	

<b>Common options</b>	Blue Spot	
	Automatic charging	

## NAVIGATION LASER

Vehicle localization

## EMERGENCY STOPS



## AUTOMATION KIT

Vehicle control and interface to MATIC:Move

## CONTROL LIGHTS

Display of driving direction & alerts

## USER INTERFACE

With touchscreen

## LASER SCANNER

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

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



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Linde Material Handling

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