



# Electric Pallet Truck

CAPACITY 1500kg  
MT15A Li 1132

## Safety

The MT15A is equipped with an effective parking brake to hold the truck securely on slopes or lorry tail lifts. The truck features multiple emergency braking modes—including a belly switch, a push-down brake on the tiller head, and an emergency stop button—to help prevent collisions. Battery discharge protection automatically cuts off the lifting function at low charge levels to prolong battery life.

## High Performance

A large-capacity battery is equipped as standard, delivering extended operating time. The high-power drive motor provides strong performance while reducing energy consumption. Driving speed can be adjusted via handheld instruments to meet varying customer needs across different working conditions.

## Reliability

The classic Linde design reflects durability and robustness. A stable controller enhances operational reliability, while the extra-wide polyurethane drive wheel delivers excellent performance on uneven surfaces and in diverse environments.

## Comfort

The premium Linde intelligent tiller features a unique appearance and ergonomic design that enables one-hand operation. A well-organised layout of function keys ensures precise control and enhanced operator comfort.

## Ease of Service

The CAN-bus communication system allows for accurate and convenient vehicle management. The 48V brushless drive motor (2t) eliminates the need for carbon brush replacement, and the drive wheel can be replaced quickly and separately, which reduces downtime and minimises after-sales servicing costs.

# Standard and Optional Equipment

## Standard Equipment

- Polyurethane drive wheel
- Fork length: 1150 mm
- Width across the forks: 685 mm
- Creep Speed
- Maintenance-free lithium battery (Linde)
- Built-in charger lithium battery 1.5T: 48V10A
- Electromagnetic brake
- CAN-BUS system
- Multi-display with hourmeter, battery power and fault code castor wheel (with shock absorption)

## Optional Equipment

- Width across the forks: 560mm
- Tandem load wheels PU



"Subject to modification in the interests of progress. Illustration and technical details not binding for actual constructions and may show the optional equipments."

1132-MT15, 20A-D-2-202212

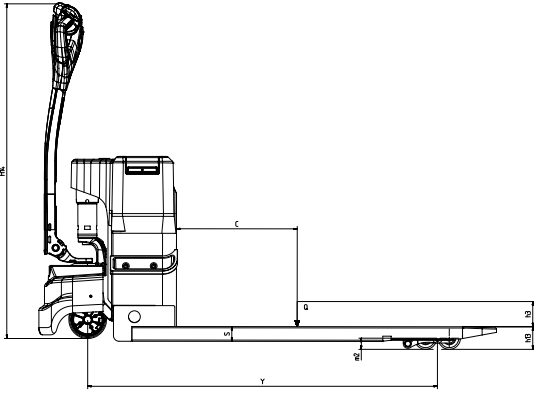
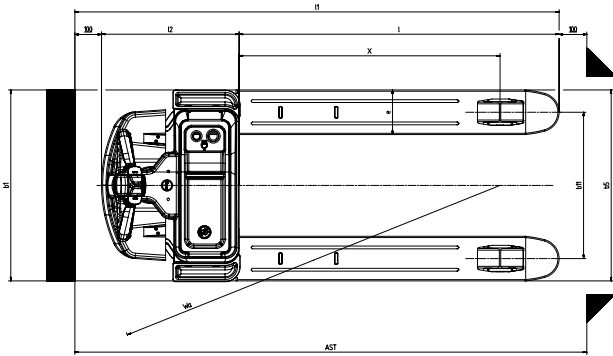
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Linde Material Handling



Technical Data

Characteristics	1.1	Manufacturer		Linde
	1.2	Model designation P		MT15A Li
	1.3	ower unit		Li-ion
	1.4	Operation		Pedestrian
	1.5	Load capacity	Q (kg)	1500
Weights	1.6	Load centre	c (mm)	600
	1.8	Axle centre to fork face	x (mm)	935 <sup>2)</sup>
	1.9	Wheelbase	y (mm)	1220/1260 <sup>1)2)</sup>
	2.1	Service weight	kg kg	164 <sup>3)</sup>
	2.2	Axle load with load, drive/load side	kg	482/1202 <sup>3)</sup>
Wheels	2.3	Axle load without load, drive/load side		128/36 <sup>3)</sup>
	3.1	Tyre, operator/load side		PU/ PU
	3.2	Tyre size, drive side	mm	210X75
	3.3	Tyre size, load side	mm	80X70
	3.4	Auxiliary wheel, size	mm	80X30
Dimensions	3.5	Wheels number, drive/load side (x=driven)		1x+2/4(2 <sup>4)</sup>
	3.6	Track width, drive side	b10 (mm)	/
	3.7	Track width, load side	b11 (mm)	400/525 <sup>1)</sup>
	4.4	Lift	h3 (mm)	115 <sup>1)</sup>
	4.9	Height of tiller arm in operation position min/max	h14 (mm)	750/1185
	4.15	Fork height, lowered (max)	h13 (mm)	85 <sup>7)</sup>
	4.19	Overall length (platform folded/lowered)	l1 (mm) l2	1670 <sup>1)</sup>
	4.20	Length to fork face (platform folded/lowered)	(mm) b1	500 <sup>1)</sup>
	4.21	Overall width	(mm) s/e/l	560/685 <sup>1)</sup>
	4.22	Fork dimensions	(mm) b5	55/160/1150 <sup>1)</sup>
Performances	4.25	Fork spread, min./max.	(mm) m2	560/685 <sup>1)</sup> (572/697 <sup>4)</sup> 8)
	4.32	Ground clearance, center of wheelbase (Full load)	(mm)	35 <sup>2)</sup>
	4.33	Aisle width, 1000x1200mm pallet crosswise	Ast (mm)	2219 <sup>1)</sup>
	4.34	Aisle width, 800x1200mm pallet lengthwise	Ast (mm)	2095 <sup>1)</sup>
	4.35	Turning radius	Wa (mm)	1415 <sup>1)</sup>
	5.1	Travel speed, with/without load	km/h	4.0/4.5 <sup>6)</sup>
	5.2	Lift speed, with/without load	m/s m/s	30/35 <sup>6)</sup>
	5.3	Lower speed, with/without load		46/33 <sup>6)</sup>
	5.8	Maximum climbing ability, with/without load	%	5/16
	5.9	Acceleration time, with/without load	s	10 <sup>6)</sup> /9.5 <sup>6)</sup>
Drive	6.1	Drive motor output (60 min. rating)	Kw	1
	6.2	Lift motor output (10% rating)	Kw	0.8
	6.3	Battery according to DIN 435 31/35/36 A,B,C,no		no
	6.4	Battery voltage/rated capacity (20h)	V/Ah	48V/20Ah
	6.5	Battery weight (±5%)	kg	14
	6.6	Power Consumption according to VDI cycle	Kwh/h	0.165
	6.7	Service brake		Electronic
Others	8.1	Type of drive control		DC
	8.4	Sound level at driver's ear	dB (A)	70
<div><div>Above are figures for standard trucks. The figures will be changed if the optional equipment is fitted.</div><div><div>1) ±5mm</div><div>2) Forks upraised/lowered</div><div>3) ±5%</div><div>4) Solid polyurethane + polyurethane</div><div>5) ±1%</div><div>6) ±10%</div><div>7) Tolerance (0 to -5mm)</div><div>8) Single load wheels</div></div><div><div></div><div></div><div><div><math display="block">Ast = Wa + \sqrt{(l6 - x)^2 + (\frac{b12}{2})^2} + a</math></div><div>Safety distance a =200mm</div></div></div></div>				

Features

The centralised tiller is designed with classic Linde DNA. The operation zone is accessible with just thumbs, which enables easy one-hand operation. The red anti-collision safety switch on the head of the tiller can stop the truck quickly and ensure the driver's safety.

The sufficient storage space on the top of the battery cover can place water cups or electronic products. The 680 fork spread version is equipped with open storage boxes on both sides as standard for documents placing.

The frame is welded by the mechanical arm with consistent welding quality which can reduce the stress concentration caused by manual welding and prevent the deformation and cracking of the fork. The fork and its tips are strengthened by stiffeners to avoid deformations. The fork tip is slightly inclined to facilitate access to different types of pallets.







The display shows power remaining, working hours, and fault code to help with operation and troubleshooting. One-click creep speed button can quickly switch speed modes. And the vertical walking mode is convenient for turning in confined spaces such as contains, and elevators.



The solid metal driving cover can effectively protect the driving motor in all directions and provide a safety guarantee for the operators at the same time. Both sides are equipped with a castor wheel to reduce shakes and bumpiness caused by uneven road surfaces. It also helps avoid scraping and improve the stability of tall cargo handling.



The built-in charger is more flexible for daily uses. And the truck provides low-power protection, when the remaining power is less than 20%, the lifting function is automatically cut off to prolong the battery life. At the same time, it has an automatic sleep mode. If the vehicle is not used for a long time, it will automatically enter sleep mode, reducing energy consumption and avoiding accidents.