



Electric Pallet Truck

CAPACITY 1500kg, 2000kg

MT15A, MT20A, MT15A Li, MT20A Li **1132**

Safety

Equipped with an effective parking brake to hold the truck safely on slopes or lorry tail lifts. Providing a variety of braking modes in case of emergency, belly switch, the push-down brake of the tiller head, and the emergency button to prevent the truck from crashing. Battery discharge protection can cut off the lifting function automatically at low remaining and for a longer battery life span.

High Performance

Equipped with a large capacity battery as standard, with strong battery life. High power drive motor provides strong power output for vehicle operation, with lower energy consumption. The driving speed can be adjusted through handheld instruments to meet the needs of customers under different working conditions

Reliable

The classic Linde design delivers an image of sturdiness and robustness.

The controller with good stability improves reliability. At the same time, with the extra wide polyurethane driving wheel, the truck shows excellent performance on uneven roads and various work environment

Comfort

Linde premium intelligent tiller and its unique appearance and ergonomic design enables one-hand operation. The reasonable layout of each function key provides accurate controls and extra comfort

Ease of Service

CAN-bus communication system makes it accurate and convenient for vehicle management. 48V brushless drive motor (2t) does not need to replace the carbon brush, and the drive wheel can be replaced quickly and separately, which improves the convenience of maintenance and reduces after-sales investment.

Standard and Optional Equipment

Standard Equipment

- Polyurethane drive wheel
- Tandem load wheels PU
- Fork length: 1150mm
- Width across the forks: 560mm
- Magnetic switch
- Creep Speed
- Maintenance-free lead acid battery (KION)
- Maintenance free lithium battery (Linde)
- Built-in charger lead acid 1.5T: 24V10A, 2T/48V5A
- Built-in charger lithium battery 1.5T: 48V10A, 2T/48V15A
- 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: 685mm



"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

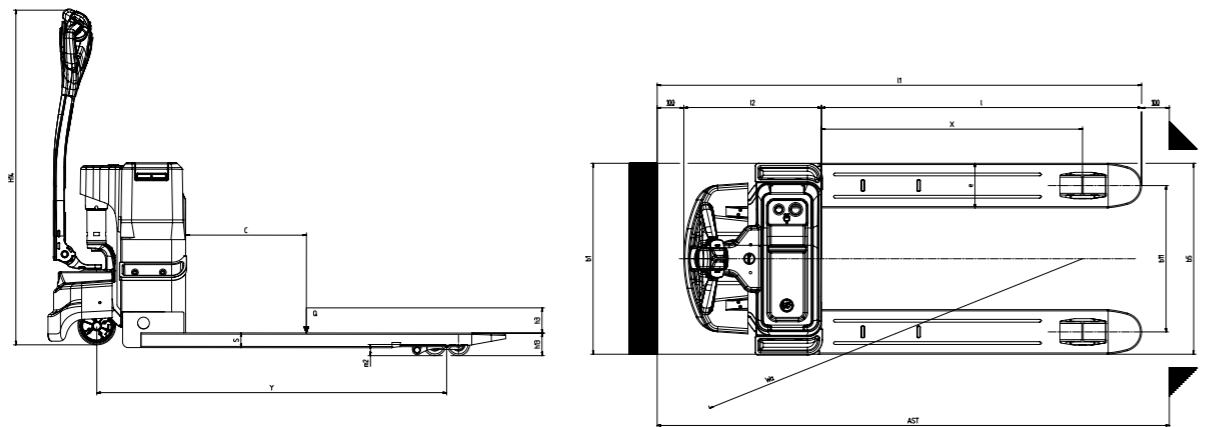
Linde Material Handling

Linde

Technical Data

Characteristics	Linde		Linde		Linde		Linde	
	MT15A	MT20A	MT15A Li	MT20A Li	MT15A Li	MT20A Li	MT15A Li	MT20A Li
1.1	Manufacturer		Linde		Linde		Linde	
1.2	Model designation		MT15A		MT20A		MT15A Li	
1.3	Power unit		Battery		Battery		Li-ion	
1.4	Operation		Pedestrian		Pedestrian		Pedestrian	
1.5	Load capacity		Q (kg)		1500		2000	
1.6	Load centre		c (mm)		600		600	
1.8	Axle centre to fork face		x (mm)		935 ²⁾		935 ²⁾	
1.9	Wheelbase		y (mm)		1220/1260 ¹⁾²⁾		1220/1260 ¹⁾²⁾	
2.1	Service weight		kg		190 ³⁾		164 ³⁾	
2.2	Axle load with load, drive/load side		kg		510/1180 ³⁾		482/1202 ³⁾	
2.3	Axle load without load, drive/load side		kg		145/45 ³⁾		128/36 ³⁾	
3.1	Tyre, operator/load side		PU/ PU		PU/ PU		PU/ PU	
3.2	Tyre size, drive side		mm		210X73		210X73	
3.3	Tyre size, load side		mm		80X70		80X70	
3.4	Auxiliary wheel, size		mm		80X30		80X30	
3.5	Wheels number, drive/load side (x=driven)				1X+2/4		1X+2/4	
3.6	Track width, drive side		b10 (mm)		445		445	
3.7	Track width, load side		b11 (mm)		400/525 ¹⁾		400/525 ¹⁾	
4.4	Lift		h3 (mm)		115		115 ¹⁾	
4.9	Height of tiller arm in operation position min/max		h14 (mm)		750/1185		750/1185	
4.15	Fork height, lowered (max)		h13 (mm)		85		85 ²⁾	
4.19	Overall length (platform folded/lowered)		l1 (mm)		1670 ³⁾		1670 ³⁾	
4.20	Length to fork face (platform folded/lowered)		l2 (mm)		530 ³⁾		530 ³⁾	
4.21	Overall width		b1 (mm)		560/685 ¹⁾		560/685 ¹⁾	
4.22	Fork dimensions		s/e/l (mm)		55/160/1150 ¹⁾		55/160/1150 ¹⁾	
4.25	Fork spread, min./max.		b5 (mm)		560/685 ¹⁾		560/685 ¹⁾	
4.32	Ground clearance, center of wheelbase (Full load)		m2 (mm)		35 ²⁾		35 ²⁾	
4.33	Aisle width, 1000x1200mm pallet crosswise		Ast (mm)		2254 ⁵⁾		2254 ⁵⁾	
4.34	Aisle width, 800x1200mm pallet lengthwise		Ast (mm)		2130 ⁵⁾		2130 ⁵⁾	
4.35	Turning radius		Wa (mm)		1450 ⁵⁾		1450 ⁵⁾	
5.1	Travel speed, with/without load		km/h		4.2/4.5 ⁴⁾		4.2/4.5 ⁴⁾	
5.2	Lift speed, with/without load		m/s		0.027/0.035		0.021/0.027	
5.3	Lower speed, with/without load		m/s		0.048/0.034 ⁴⁾		0.039/0.024 ⁴⁾	
5.8	Maximum climbing ability, with/without load		%		5/17		5/17	
5.9	Acceleration time, with/without load		s		10 ⁴⁾ /9.5 ⁴⁾		10 ⁴⁾ /9.5 ⁴⁾	
6.1	Drive motor output (60 min. rating)		Kw		0.75		1	
6.2	Lift motor output (10% rating)		Kw		0.8		0.8	
6.4	Battery voltage/rated capacity (20h)		V/Ah		24V/75Ah		48V/30Ah	
6.5	Battery weight (±5%)		kg		2X19.5		4X8.5	
6.7	Service brake				Electromagnetic		Electromagnetic	
8.1	Type of drive control				DC		DC	
8.4	Sound level at driver's ear		dB (A)		70		70	

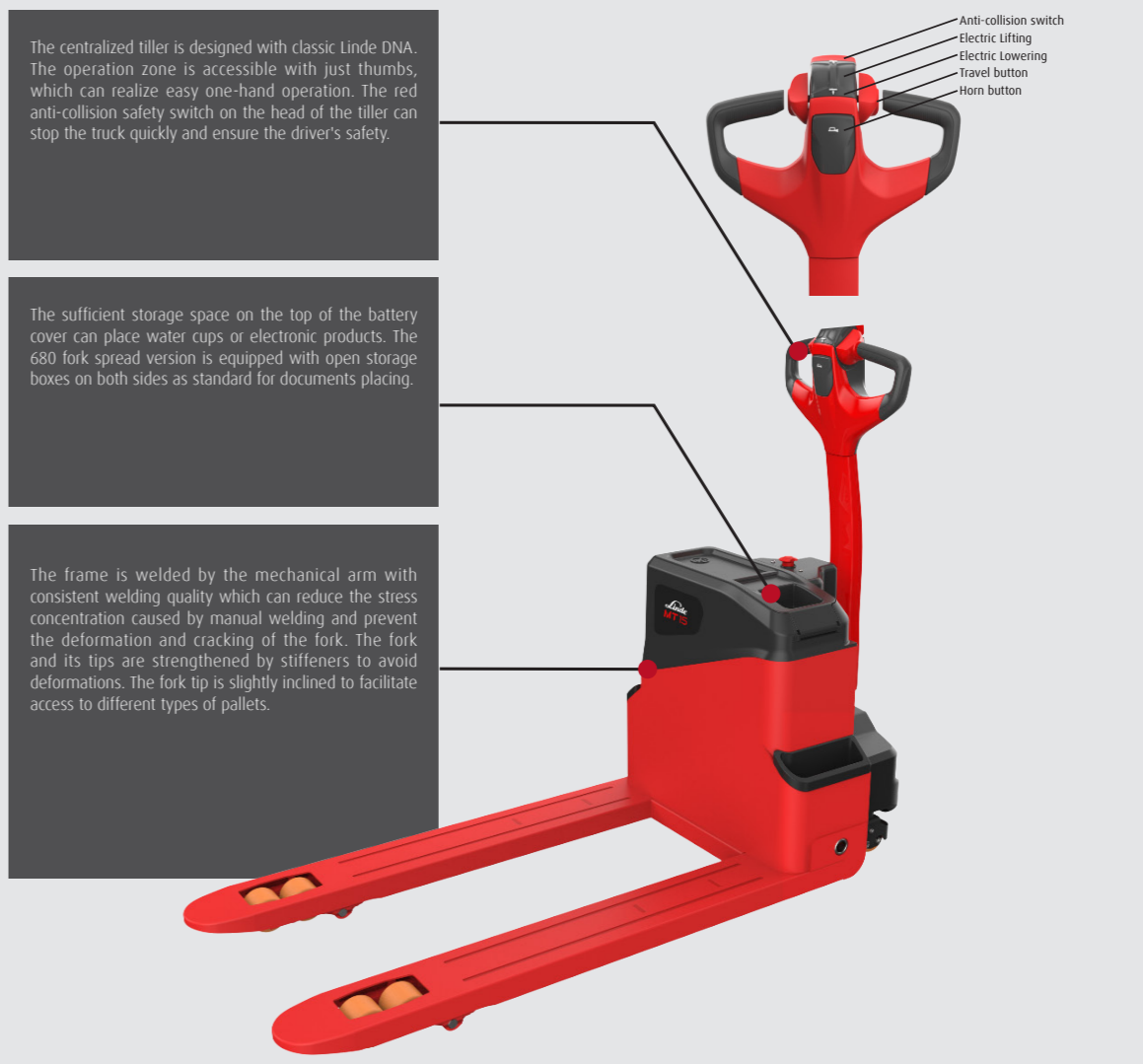
Above are figures for standard trucks. The figures will be changed if the optional equipment is fitted.
 1) ±5mm
 2) Forks upraised/lowed
 3) ±%
 4) Solid polyurethane+polyurethane
 5) ±1%
 6) ±10%



$$Ast = Wa + \sqrt{(l6 - x)^2 + (\frac{b12}{2})^2} + a$$

Safety distance a = 200mm

Features



The centralized tiller is designed with classic Linde DNA. The operation zone is accessible with just thumbs, which can realize 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.

- Anti-collision switch
- Electric Lifting
- Electric Lowering
- Travel button
- Horn button



The magnetic switch comes as a standard option. 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.