



Electric Pallet Truck Capacity 1500 kg MT15

Series 1133

Safety

The powered traction and lift of the MT15 minimizes the operator's physical input and provides a highly productive and strain-free working environment. It is equipped with an electromagnetic failsafe and a parking brake. A robust metal cowling protects the drive unit and components, while the low profile chassis protects the operator's feet. The long, low mounted tiller arm places the operator at a safe yet comfortable working distance from the truck.

Performance

With a load capacity of 1500kg the MT15 offers a highly cost-effective and productive solution for short distance transfer duties. The rugged drive unit offers consistent reliability and performance. The 85Ah long-life battery is maintenance-free and to extend battery life has automatic discharge protection, which cuts the lift function when the battery reaches the 80% discharge level.

Comfort

The dual butterfly control levers on the ergonomic tiller head ensure precision traction control with either hand. The truck is very maneuverable when operating in lorries or confined spaces. A built-in charger enables opportunity charging at any convenient power point for optimum uptime.

Reliability

The durable drive unit of the MT15 delivers consistent high performance and reliability. A unique castor wheel system ensures excellent stability when cornering and eliminates the risk of 'grounding' the chassis. There is a discharge indicator and an emergency isolator button. The robust chassis has a reinforced fork structure for the safe, efficient handling of loads up to 1500kg.

Service

The DC drive motor optimizes uptime ratios between routine service periods and reduces service costs, while a reliable, energy efficient controller delivers smooth handling performance. The absence of a hydraulic lift system further reduces service costs.

Linde Material Handling

Linde

Technical Data according to VDI 2198

Characteristics	1.1	Manufacturer		LINDE
	1.2	Manufacturer's type designation		MT15
	1.2a	Series		1133-00
	1.3	Power unit		Battery
	1.4	Operation		Pedestrian
	1.5	Load capacity/Load	Q (t)	1.5
	1.6	Load centre distance	c (mm)	600
	1.8	Axle centre to fork face	x (mm)	946
	1.9	Wheelbase	y (mm)	1293
Weights	2.1	Service weight	(kg)	200
	2.2	Axle load with load, front/rear	(kg)	561 / 1139
	2.3	Axle load without load, front/rear	(kg)	160 / 40
Wheels/Tyres	3.1	Tyres rubber, SE, pneumatic, polyurethane		V+P/P ¹⁾
	3.2	Tyre size, front		Ø 200 x 70
	3.3	Tyre size, rear		Ø 80 x 70
	3.4	Auxiliary wheels (dimensions)		Ø 80 x 30
	3.5	Wheels, number front/rear (x = driven)		1x + 2 / 4
	3.6	Track width, front	b10 (mm)	410
	3.7	Track width, rear	b11 (mm)	380
Dimensions	4.4	Lift	h3 (mm)	115
	4.9	Height of tiller arm in operating position, min/max	h14 (mm)	800 / 1170
	4.15	Height, lowered	h13 (mm)	85
	4.19	Overall length	l1 (mm)	1660
	4.20	Length to fork face	l2 (mm)	510
	4.21	Overall width	b1/b2 (mm)	574
	4.22	Fork dimensions DIN ISO 2331	s/e/l (mm)	48 x 160 x 1150
	4.25	Fork spread	b5 (mm)	540
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	37
	4.34.2	Aisle width with pallet 800 x 1200 along forks	Ast (mm)	1994 ²⁾³⁾
	4.35	Turning radius	Wa (mm)	1540
Performance	5.1	Travel speed, with/without load	(km/h)	4.2 / 4.6
	5.2	Lifting speed, with/without load	(m/s)	0.03 / 0.053
	5.3	Lowering speed, with/without load	(m/s)	0.049 / 0.036
	5.8	Maximum climbing ability, with/without load	(%)	4.0 / 10.0
	5.9	Acceleration time, with/without load	(s)	10.7 / 9.5
Drive	6.1	Drive motor rating S2 60 min	(kW)	0.45
	6.2	Lift motor rating at S3 15%	(kW)	0.8
	6.3	Battery according to DIN 43531/35/36 A,B,C,no		no
	6.4	Battery voltage/rated capacity (5h)	(V)/(Ah)	2x12 / 84
	6.5	Battery weight (± 5%)	(kg)	52
8.1	Type of drive unit		DC speed	
10.7	Sound pressure level LpAZ (at the driver's seat)	(dB(A))	69	

1) Solid rubber + polyurethane / polyurethane
2) With creep speed = tiller in vertical position
3) Including a 200 mm (min.) operating aisle clearance.

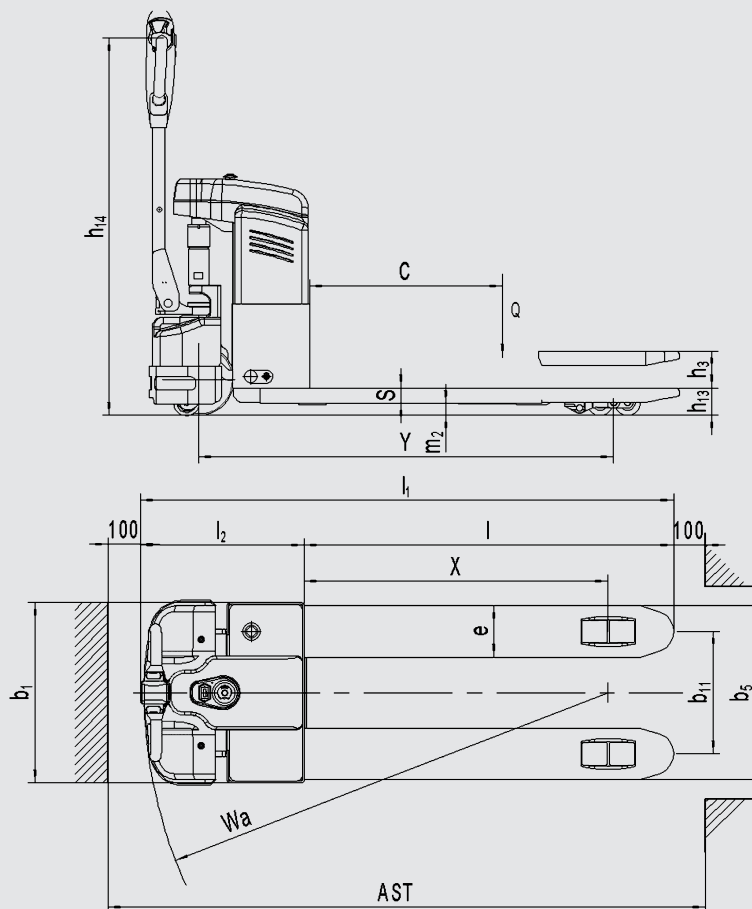
Standard Equipment/Optional Equipment

Standard Equipment

- Drive wheels: Polyurethane
- Load wheels: Tandem load wheel polyurethane
- Traction motor inside the drive wheel
- Battery 24V/85Ah
- Plug: EU type
- Lift motor
- Forks: 1150mm long by 540mm width
- Automatic parking brake
- Truck immobilised when switched off
- Ergonomic operation with butterfly button
- Horn
- Safety switch on tiller head

Optional Equipment

- Fork width: 520mm, 680mm
- Fork length: 800mm, 1000mm, 1220mm
- Cushion rubber drive wheel
- Single polyurethane load wheel
- Plug: UK type



Features

Drive Unit

- DC drive motor
- Reliable, energy efficient electronic controller
- Adjustable parameters: travel speed, acceleration

Braking

- Automatic deceleration when butterfly button is released
- Parking brake applies automatically when tiller arm is released
- Proofed emergency button



Energy

- Gel battery
- Maintenance-free battery: 2x12V 85Ah
- Automatic lift cut off when battery reaches 80% discharge level, for extended battery life

Drive system

- Castor wheel system optimizes stability when cornering and prevents chassis from making ground contact
- Additional entry rollers ensure easy pallet entry
- The tandem load wheels address uneven floor



Controls

- Traction and lift controls grouped on ergonomic tiller head
- Dual butterfly control levers for use with either hand
- Belly switch on tiller head stops truck when actuated

Built in Charger

- Enables opportunity charging at any convenient power point during natural breaks etc
- Standard power plug

Chassis

- Robust metal cover protects drive system and components
- Low chassis skirt protects operator's feet
- Long, low mounted tiller ensures operator is safe yet comfortable distance from the truck
- Rugged, reinforced fork structure provides safe handling of loads up to 1500kg

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Linde Material Handling

Subject to modification in the interest of progress. Illustrations and technical details could include options and not binding for actual constructions. All dimensions subject to usual tolerances.