



## 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.

## Features

### Drive Unit

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

### Energy

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



### 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



### Braking

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

### 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



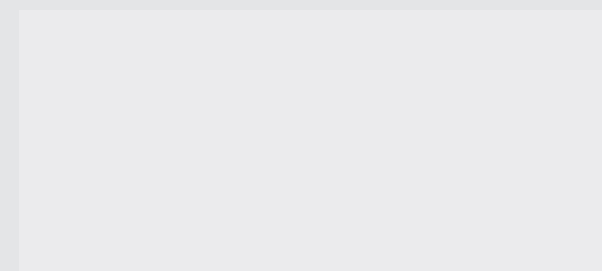
### Built in Charger

- 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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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.

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# Technical Data according to VDI 2198

Characteristics	1.1	Manufacturer		LINDE
	1.2	Manufacturer's type designation		<b>MT15</b>
	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 <sup>1)</sup>
	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 <sup>2)3)</sup>
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

