



ELECTRIC PALLET TRUCK

CAPACITY: 3,300 lbs.

MT15

SERIES 1133

Design

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 bumper protects the drive unit and components, while the low profile still allows dock board use. The long, low-mounted tiller arm places the operator at a comfortable working distance from the truck.

Performance

With a load capacity of 3300 lbs. 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 trucks 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 caster 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 3300 lbs.

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.

TECHNICAL DATA

March 2018

| | | | | | |
|-----------------|----------------|---|---------|------|--------------------|
| Characteristics | 1.1 | Manufacturer | | | LINDE |
| | 1.2 | Model designation | | | MT15 |
| | 1.2a | Series | | | 1133-00 |
| | 1.3 | Power unit | | | Battery |
| | 1.4 | Operation | | | Pedestrian |
| | 1.5 | Load capacity | lbs | | 3300 |
| | 1.6 | Load center distance | in | | 24 |
| | 1.8 | Axle center to fork face | in | | 35 |
| | 1.9 | Wheelbase | in | | 48.5 |
| Weights | 2.1 | Service weight | lbs | | 434 |
| | 2.2 | Axle load with load, front/rear | lbs | | 1210 / 2541 |
| | 2.3 | Axle load without load, front/rear | lbs | | 418 / 66 |
| Wheels / Tires | 3.1 | Tires Cushion, SE, pneumatic, polyurethane | | | C+P/P ¹ |
| | 3.2 | Tire size, front | in | | 8.3 x 2.76 |
| | 3.3 | Tire size, rear | in | | 2.9 x 3.5 |
| | 3.4 | Caster wheels dimension | in | | 3.1 x 1.1 |
| | 3.5 | Wheels, number front / rear (X=driven) | | | 1x+1 |
| | 3.7 | Track width, rear | b11 | in | 15.0 |
| Dimensions | 4.4 | Lift | h3 | in | 4.5 |
| | 4.9 | Height of tiller arm in operating position, min/max | h14 | in | 31.5 / 46.1 |
| | 4.15 | Height, lowered | h13 | in | 3.4 |
| | 4.19 | Overall length | l1 | in | 64.3 |
| | 4.20 | Length to fork face | l2 | in | 19 |
| | 4.21 | Overall width | h0 / b2 | in | 27.0 |
| | 4.22 | Fork dimensions US Forks ISO 2331 | s/e/l | in | 1.9 x 6.3 x 45 |
| | 4.25 | Fork spread | b5 | in | 27.0 |
| | 4.32 | Ground clearance, center of wheelbase | m2 | in | 1.5 |
| | 4.34.2 | Aisle width with pallet 48x40 along forks | ast | in | 86.3 |
| 4.35 | Turning radius | wa | in | 58.5 | |
| Perf. | 5.1 | Travel speed, with/without load | mph | | 2.6 / 2.9 |
| | 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) | | 0.88 |
| | 6.2 | Lift motor rating at S3 15% | (kw) | | 0.68 |
| | 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%) | lbs | | 114.6 |
| | 8.1 | Type of drive unit | | | DC |
| | 10.7 | Sound pressure level LpAZ (at the driver's seat) | (dB(A)) | | 69 |

STANDARD / OPTIONAL EQUIPMENT

Standard Equipment

- > Drive tire: Rubber
- > Load wheels: Polyurethane
- > Vertically-mounted traction motor
- > Battery 24V/85Ah / 110V charger US plug
- > Lift motor
- > Forks: 45 in. long by 27 in. wide
- > Automatic parking brake
- > Truck immobilized when switched off
- > Ergonomic operation with butterfly button
- > Safety switch on tiller head
- > Horn

Optional Equipment

- > Load backrest
- > Fork length / width
- > Stability casters



