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

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

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

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

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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Phone: +49 6021 99-0, Fax: +49 6021 99-1570, www.linde-mh.com, info@linde-mh.com
## Technical Data according to VDI 2198

### Characteristics

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#### 1.1 Manufacturer
- LINDE

#### 1.2 Manufacturer's type designation
- MT15

#### 1.3 Power unit
- Battery

#### 1.4 Operation
- Pedestrian

#### 1.5 Load capacity/payload (t)
- 1.5

#### 1.6 Load centre distance (mm)
- 600

#### 1.8 Axle centre to fork face (mm)
- 946

#### 1.9 Wheelbase (mm)
- 1293

### Weights

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#### 2.1 Service weight (kg)
- 200

#### 2.2 Axle load, front/rear (kg)
- 561 / 1139

#### 2.3 Axle load without load, front/rear (kg)
- 160 / 40

### Wheels/Tyres

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#### 3.1 Tyres rubber, SE, pneumatic, polyurethane
- V+P/P

#### 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 (mm)
- 410

#### 3.7 Track width, rear (mm)
- 380

### Dimensions

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#### 4.1 Lift (mm)
- 115

#### 4.2 Height, lowered (mm)
- 85

#### 4.3 Overall length (mm)
- 1660

#### 4.4 Length to fork face (mm)
- 510

#### 4.5 Fork dimensions DIN ISO 2331 (mm)
- 48 x 160 x 1150

### Performance

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#### 5.1 Travel speed, with/without load (km/h)
- 4.2 / 4.6

#### 5.2 Lifting speed, with/without load (m/s)
- 0.039 / 0.051

#### 5.3 Traversing speed, with/without load (m/s)
- 0.069 / 0.096

### Drive

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#### 6.1 Drive motor rating S2 60 min (kW)
- 0.45

#### 6.2 Lif motor rating at S3 15% (kW)
- 0.8

### Optional Equipment

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#### 9.1 Type of drive unit
- DC speed

### Standard Equipment/Optional Equipment

#### Standard Equipment

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