Electric Pallet Truck

MT15 C
Capacity 1.5 t | Series 1131-02

Compact transporter

→ 0.75 kW electric drive accelerates and facilitates load transport up to 1.5 tons and increases handling performance in the warehouse
→ Compact design ensures best maneuverability in confined spaces
→ Easy maneuverability and electric drive relieve employees of physically demanding transport tasks
## TECHNICAL DATA (According to VDI 2198)

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Manufacturer</th>
<th>Model</th>
<th>Serial</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1</td>
<td>Linde</td>
<td>MT15 C</td>
<td></td>
</tr>
</tbody>
</table>

### 1.2 Model details
- **Operation:** Battery
- **Operator type:** Pedestrian
- **Load capacity:** Q (t) 1.5
- **Load centre distance:** c (mm) 600
- **Load distance:** x (mm) 950 (880)
- **Wheelbase:** y (mm) 1190 (1120)

### Weights
- **Service weight:** (kg) 115
- **Axle load with load, front/rear:** 540 / 1075
- **Axle load without load, front/rear:** 100 / 15

### Tyres / Tyres
- **Type:** rubber, St., pneumatic, polyurethane
- **Tyre size, front:** Ф 210 × 70
- **Tyre size, rear:** Ф 80 × 60 (Ф 74 × 88)

### Dimensions
- **Lift height:** h1 (mm) 115
- **Height drawbar in driving position min./max.:** h14 (mm) 750 / 1190
- **Lowered height:** h3 (mm) 80
- **Overall length:** l1 (mm) 1550
- **Length to face of forks:** l2 (mm) 400
- **Overall width:** b1 / b2 (mm) 560 (685)
- **Fork dimensions:** s / e / l (mm) 50 × 150 × 1150
- **Distance between fork-arms:** b5 (mm) 560 (685)
- **Ground clearance, center of wheelbase:** m2 (mm) 30
- **Overall width for pallets 800 × 1200 lengthways:** Ast (mm) 2062
- **Turning radius:** Wa (mm) 1390

### Performance
- **Travel speed, laden/unladen:** (km/h) 4 / 4.5
- **Lifting speed, laden/unladen:** (m/s) 0.017 / 0.024
- **Lowering speed, laden/unladen:** (m/s) 0.19 / 0.06
- **Max. gradeability, laden/unladen:** (%) 6 / 16
- **Service brake type:** Electric

### Drive
- **Drive motor rating S2 60 min:** (kW) 0.75
- **Lift motor rating at S3 15 %:** (kW) 0.5
- **The maximum allowed size battery:** (mm) 230 × 260 × 85
- **Battery voltage/nominal capacity KS:** (V/Ah) 24 / 20
- **Battery weight:** (kg) 5
- **Energy consumption acc. to VDI cycle:** (kWh/h) 0.274

### Others
- **Type of drive unit:** DC
- **Steering type:** Mechanical
- **Sound pressure level LpA2 (at the driver’s seat):** (dB(A)) < 74
<table>
<thead>
<tr>
<th>Model / Equipment</th>
<th>MT15 C</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Safety</strong></td>
<td></td>
</tr>
<tr>
<td>Automatic parking break</td>
<td>●</td>
</tr>
<tr>
<td>Horn</td>
<td>●</td>
</tr>
<tr>
<td>Safety switch on tiller head</td>
<td>●</td>
</tr>
<tr>
<td>Robust metal cover</td>
<td>●</td>
</tr>
<tr>
<td>Long and low mounted tiller</td>
<td>●</td>
</tr>
<tr>
<td>Key switch</td>
<td>●</td>
</tr>
<tr>
<td>Creep speed</td>
<td>●</td>
</tr>
<tr>
<td><strong>Operation / Load Handling</strong></td>
<td></td>
</tr>
<tr>
<td>Traction and lifted control from ergonomic tiller</td>
<td>●</td>
</tr>
<tr>
<td>LED lights with battery indicator status</td>
<td>●</td>
</tr>
<tr>
<td><strong>Workplace</strong></td>
<td></td>
</tr>
<tr>
<td>Fork width 560 mm</td>
<td>●</td>
</tr>
<tr>
<td>Fork width 685 mm</td>
<td>○</td>
</tr>
<tr>
<td><strong>Attachment / Forks</strong></td>
<td></td>
</tr>
<tr>
<td>Drive wheels polyurethane</td>
<td>●</td>
</tr>
<tr>
<td>Tandem load wheels polyurethane</td>
<td>●</td>
</tr>
<tr>
<td>Single load wheels polyurethane</td>
<td>○</td>
</tr>
<tr>
<td>Double castor wheels</td>
<td>○</td>
</tr>
<tr>
<td><strong>Axles and Tyres</strong></td>
<td></td>
</tr>
<tr>
<td>0.75 kW DC motor (maintenance free)</td>
<td>●</td>
</tr>
<tr>
<td>Electromagnetic braking system</td>
<td>●</td>
</tr>
<tr>
<td>Battery 24 V / 20 Ah</td>
<td>●</td>
</tr>
<tr>
<td>Extra Li-ION battery (20 Ah)</td>
<td>○</td>
</tr>
<tr>
<td>External Li-ION 10 A Charger</td>
<td>●</td>
</tr>
</tbody>
</table>

● Standard equipment  ○ Optional equipment
CHARACTERISTICS

Safety
→ Safety distance due to long drawbar protects against accidents
→ Low chassis prevents injuries to the feet
→ Automatic electromagnetic brake and belly switch reduce risk of accidents
→ Efficient parking brake prevents the pallet truck from rolling away on loading ramps or slopes

Ergonomics
→ Compact chassis and small turning circle ensure best maneuverability in confined spaces
→ Creep speed with vertical tiller arm enables precise, smooth steering
→ Ergonomically shaped tiller head facilitates operation with both hands using the dual butterfly lever
→ The Curtis control enables sensitive load handling and individual adjustment of speed and acceleration

Handling
→ Effortless load handling over gradients up to 6 percent thanks to electric drive
→ The reinforced forks carry up to 1.5 tons load
→ Fast transport over short distances with maximum speed of 4.5 km/h
→ Stepless lowering of the forks enables precise lowering of the load

Service
→ The robust DC motor enables long maintenance intervals and reduces operating costs
→ The maintenance and emission-free lithium-ion battery system enables non-stop operation for up to 1.7 hours
→ Short charging cycle and opportunity charging provide long operating times
→ Easy battery replacement via plug-and-play

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.