



Linde Material Handling

Linde



Electric Pallet Truck

MT15 C

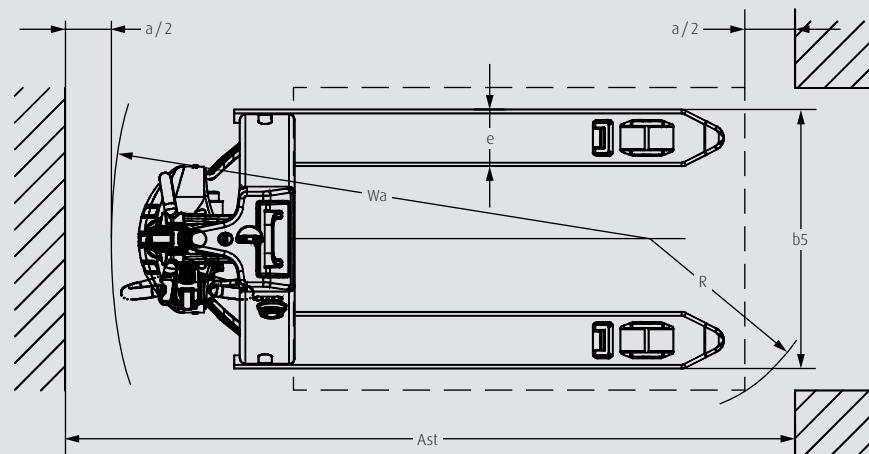
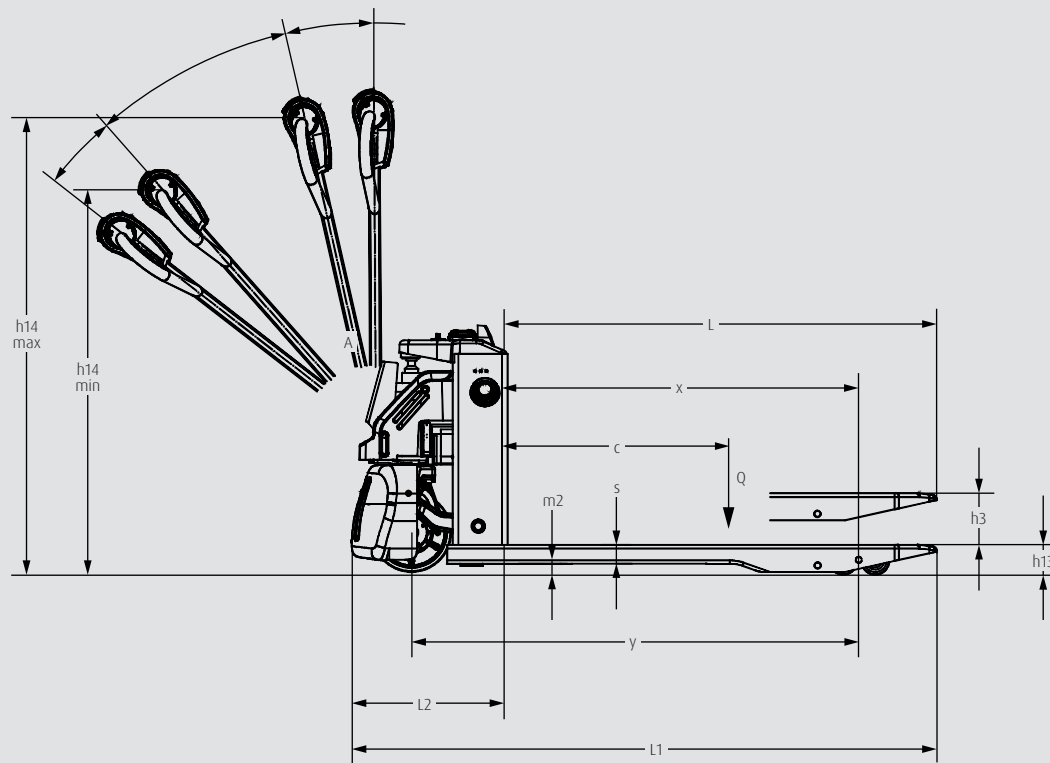
Capacity 1.5 t | Series 1131-02

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)

| | | | | |
|-----------------|-------|--|------------|-----------------------|
| Characteristics | 1.1 | Manufacturer | | Linde |
| | 1.2 | Model | | MT15 C |
| | 1.2.a | Series | | 1131-02 |
| | 1.3 | Operation | | Battery |
| | 1.4 | Operator type | | Pedestrian |
| | 1.5 | Load capacity | Q (t) | 1.5 |
| | 1.6 | Load centre distance | c (mm) | 600 |
| | 1.8 | Load distance | x (mm) | 950 (880) |
| Weights | 1.9 | Wheelbase | y (mm) | 1190 (1120) |
| | 2.1 | Service weight | (kg) | 115 |
| | 2.2 | Axle load with load, front/rear | (kg) | 540/1075 |
| Wheels/Tyres | 2.3 | Axle load without load, front/rear | (kg) | 100/15 |
| | 3.1 | Tyres rubber, SE, pneumatic, polyurethane | | PU |
| | 3.2 | Tyre size, front | (mm) | Φ 210 × 70 |
| | 3.3 | Tyre size, rear | (mm) | Φ 80 × 60 (Φ 74 × 88) |
| | 3.5 | Wheels, number front/rear (x = driven) | (mm) | 1x/4 (1x/2) |
| Dimensions | 3.7 | Track width, rear | b11 (mm) | 410 (535) |
| | 4.4 | Lift height | h3 (mm) | 115 |
| | 4.9 | Height drawbar in driving position min./max. | h14 (mm) | 750/1190 |
| | 4.15 | Lowered height | h13 (mm) | 80 |
| | 4.19 | Overall length | l1 (mm) | 1550 |
| | 4.20 | Length to face of forks | l2 (mm) | 400 |
| | 4.21 | Overall width | b1/b2 (mm) | 560 (685) |
| | 4.22 | Fork dimensions | s/e/l (mm) | 50 × 150 × 1150 |
| | 4.25 | Distance between fork-arms | b5 (mm) | 560 (685) |
| | 4.32 | Ground clearance, center of wheelbase | m2 (mm) | 30 |
| | 4.34 | Aisle width for pallets 800 × 1200 lengthways | Ast (mm) | 2062 |
| Performance | 4.35 | Turning radius | Wa (mm) | 1390 |
| | 5.1 | Travel speed, laden/unladen | (km/h) | 4/4.5 |
| | 5.2 | Lifting speed, laden/unladen | (m/s) | 0.017/0.024 |
| | 5.3 | Lowering speed, laden/unladen | (m/s) | 0.09/0.06 |
| | 5.8 | Max. gradeability, laden/unladen | (%) | 6/16 |
| | 5.10 | Service brake type | | Electric |
| Drive | 6.1 | Drive motor rating S2 60 min | (kW) | 0.75 |
| | 6.2 | Lift motor rating at S3 15 % | (kW) | 0.5 |
| | 6.3 | The maximum allowed size battery | (mm) | 230 × 260 × 85 |
| | 6.4 | Battery voltage/nominal capacity K5 | (V/Ah) | 24/20 |
| | 6.5 | Battery weight | (kg) | 5 |
| | 6.6 | Energy consumption acc. to VDI cycle | (kWh/h) | 0.274 |
| Others | 8.1 | Type of drive unit | | DC |
| | 10.5 | Steering type | | Mechanical |
| | 10.7 | Sound pressure level LpAZ (at the driver's seat) | (dB(A)) | < 74 |





STANDARD AND OPTIONAL EQUIPMENT

| Model/ Equipment | | MT15 C |
|---------------------------|---|--------|
| Safety | Automatic parking break | ● |
| | Horn | ● |
| | Safety switch on tiller head | ● |
| | Robust metal cover | ● |
| | Long and low mounted tiller | ● |
| | Key switch | ● |
| Operation / Load Handling | Creep speed | ● |
| Work- place | Traction and lifted control from ergonomic tiller | ● |
| | LED lights with battery indicator status | ● |
| Attachement / Forks | Fork width 560 mm | ● |
| | Fork width 685 mm | ○ |
| Axles and Tyres | Drive wheels polyurethane | ● |
| | Tandem load wheels polyurethane | ● |
| | Single load wheels polyurethane | ○ |
| Drive and Brake-System | 0.75 kW DC motor (maintenance free) | ● |
| | Electromagnetic braking system | ● |
| | Battery 24 V / 20 Ah | ● |
| | Extra Li-ION battery (20 Ah) | ○ |
| | External Li-ION 10 A Charger | ● |

● Standard equipment ○ Optional equipment

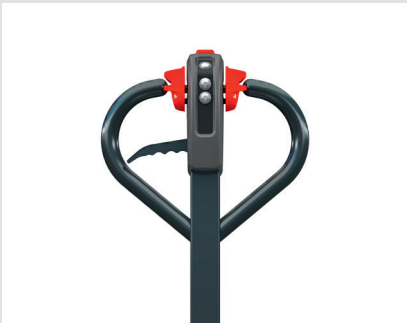
CHARACTERISTICS



Long tiller mounted on low chassis

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



All controls ergonomically integrated in the Linde tiller head

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



Optimal visibility of the forks and load at all time

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



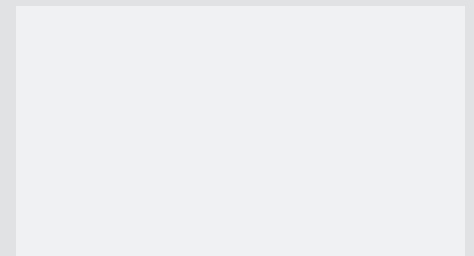
Easy plug and play Li-Ion battery

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.

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Printed in Germany | DS_MT15 C _1131-02_en_B_1021