Linde Material Handling

Pallet Truck

MT15 C

Capacity 1.5 t | Series 1131-02

ION

Compact transporter

→ 0.75 kW electric motor enables transport of loads up to 1.5 tons increasing handling performance in the warehouse

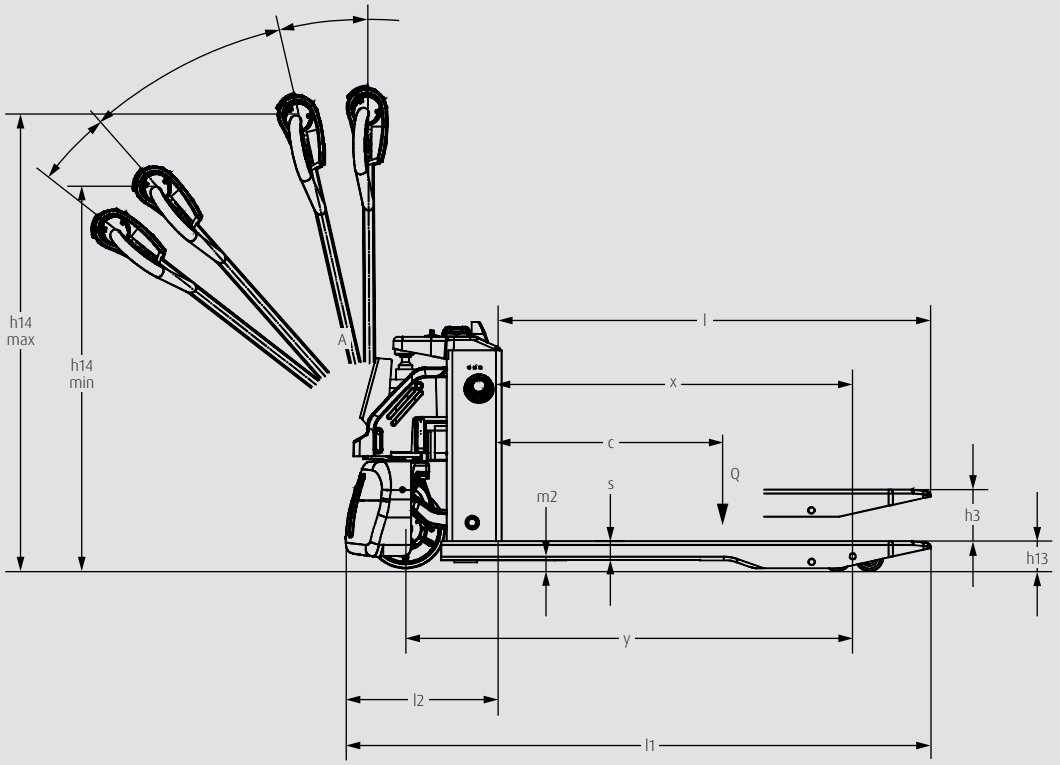
→ Compact design ensures best manoeuvrability in confined spaces

→ Effortless manoeuvring from electric drive eliminates physical effort when transporting loads

TECHNICAL DATA (according to VDI 2198)

Characteristics	1.1	Manufacturer (abbreviation)		Linde MH
	1.2	**Manufacturer's type designation**		**MT15 C**
	1.2a	Series		1131-02
	1.3	Drive		Battery
	1.4	Operation		Pedestrian
	1.5	Rated capacity/rated load	Q (t)	1.5
	1.6	Load centre distance	c (mm)	600
	1.8	Load distance, centre of drive axle to fork	x (mm)	950 (880)[1]
	1.9	Wheelbase	y (mm)	1190 (1120)[1]
Weight	2.1	Service weight	kg	115
	2.2	Axle loading, laden front/rear	kg	541/1074
	2.3	Axle loading, unladen front/rear	kg	100/15
Tyres/chassis	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		Polyurethane
	3.2	Tyre size, front		Ø 210 × 70
	3.3	Tyre size, rear		Ø 80 × 60 (Ø 74 × 88)[1]
	3.5	Wheels, number front/rear (X = driven wheels)		1x/4 (1x/2)[1]
	3.7	Tread, rear	b11 (mm)	410 (535)[1]
Dimensions	4.4	Lift	h3 (mm)	115
	4.9	Height drawbar in driving position min./max.	h14 (mm)	750/1190
	4.15	Height, lowered	h13 (mm)	80
	4.19	Overall length	l1 (mm)	1550
	4.20	Length to fork face	l2 (mm)	400
	4.21	Overall width	b1/b2 (mm)	560 (685)[1]
	4.22	Fork dimensions DIN ISO 2331	s/e/l (mm)	50/150/1150
	4.25	Fork spread	b5 (mm)	560 (685)[1]
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	30
	4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast (mm)	2062[2]
	4.35	Turning radius	Wa (mm)	1390
Performance data	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	%	6.0/16.0
	5.10	Service brake		Electric
Electric-engine	6.1	Drive motor rating S2 60 min	kW	0.75
	6.2	Lift motor rating at S3 15%	kW	0.5
	6.3	Battery according to DIN 43531/35/36 A, B, C, no		Li-ION
	6.4	Battery voltage/nominal capacity K 5	(V)/(Ah) o. kWh	24/20
	6.5	Battery weight (±5%)	kg	5
Drive	8.1	Type of drive unit		DC
Additional data	10.5	Steering design		Mechanic
	10.7	Sound pressure level LpAZ (at the operator's seat)	dB(A)	< 74

1) (Option)
2) Including a 200 mm (min.) operating aisle clearance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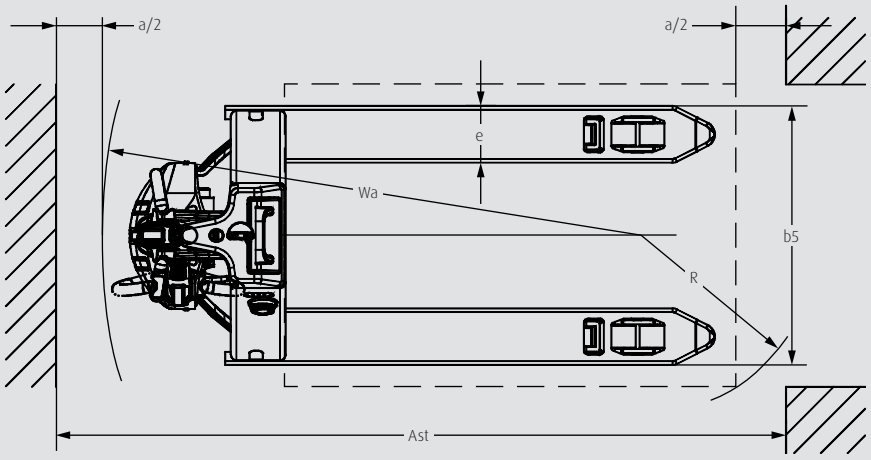
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Linde

Linde

STANDARD AND OPTIONAL EQUIPMENT

	Manufacturer's type designation/equipment	MT15 C
Safety	Automatic parking brake	●
	Buzzer	●
	Safety switch on tiller head	●
	Robust metal cover	●
	Long and low mounted tiller	●
	Key switch	●
Operation/ load handling	Creep speed	●
Work- place	Traction and lift control on the ergonomic tiller head	●
	Battery discharge indicator with LED lights	●
Attachment/ forks	Width over forks: 560 mm	●
	Width over forks: 685 mm	○
Axles and tyres	Drive wheels polyurethane	●
	Tandem load wheels polyurethane	●
	Single load wheels polyurethane	○
	Double castor wheels	●
Drive and brake system	0.75 kW DC motor (maintenance free)	●
	Electromagnetic braking system	●
	LI-ION battery 24 V/20 Ah	●
	External Li-ION 10 A charger	●

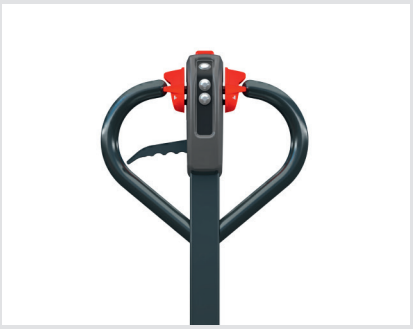
● Standard equipment ○ Optional equipment

CHARACTERISTICS

Long tiller mounted on low chassis

Safety

→ Safety distance due to long tiller protects operator
→ 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 manoeuvrability in confined spaces
→ Creep speed with tiller vertical aids manoeuvrability in confined spaces
→ Ergonomic tiller head enables operation of the traction butterfly with either hand
→ Electronic controller ensures 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
→ Reinforced forks can carry loads up to 1.5 tons
→ Effortless transport over short distances at speeds up to 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

Presented by:

Subject to modification in the interest of progress. Illustrations and technical details could include options and are not binding for actual constructions. All dimensions subject to usual tolerances.

Linde Material Handling

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