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


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STANDARD AND OPTIONAL EQUIPMENT

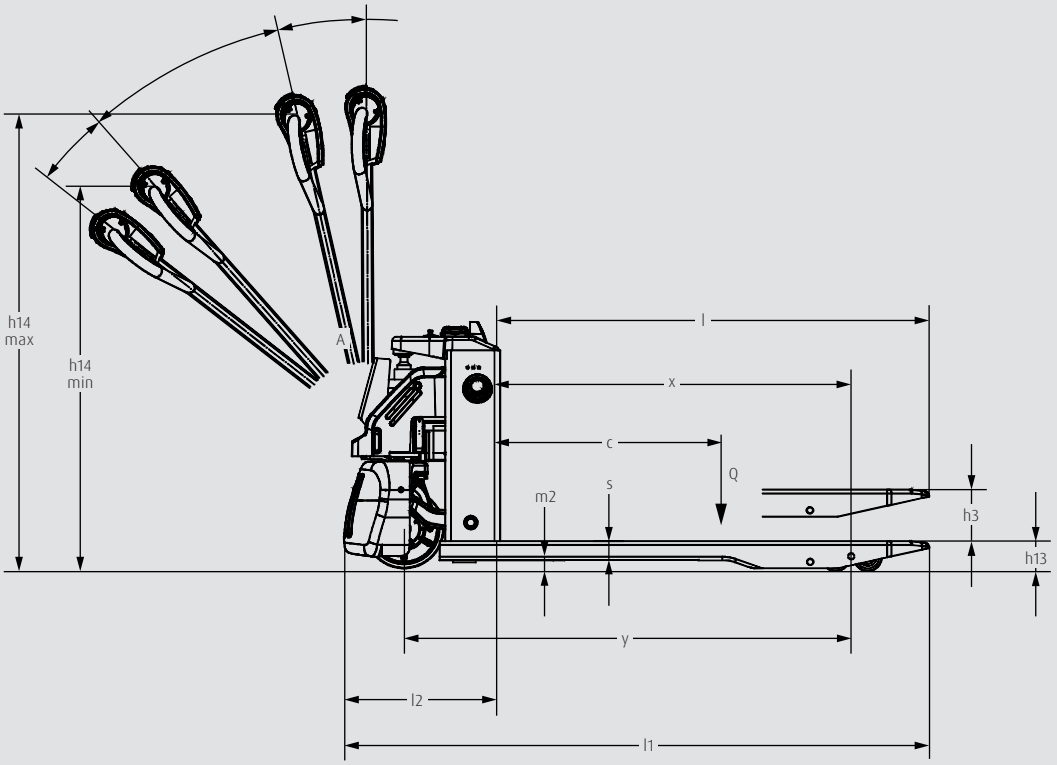
	Manufacturer's type designation/equipment	MT15 C
Safety	Automatic parking brake	●
	Buzzer	●
	Safety switch on tiller head	●
	Robust metal cover	●
	Long and low mounted tiller	●
	Key switch	●
Operation/ load handling	Creep speed	●
Work- place	Traction and lift control on the ergonomic tiller head	●
	Battery 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

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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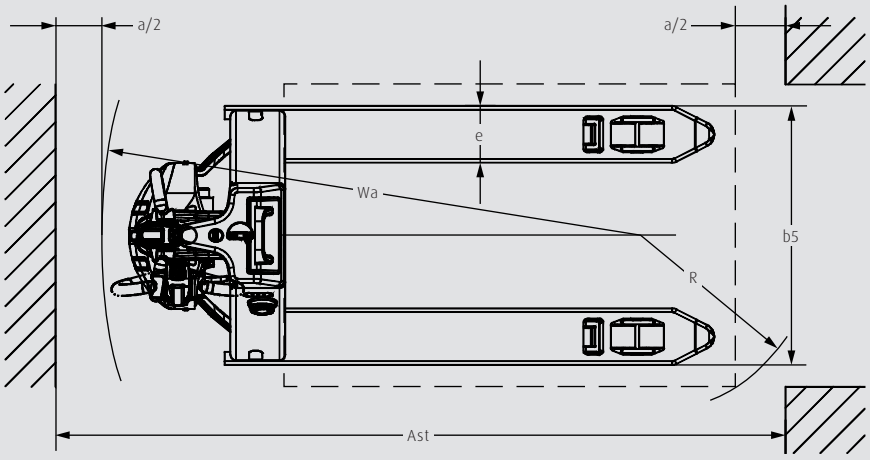
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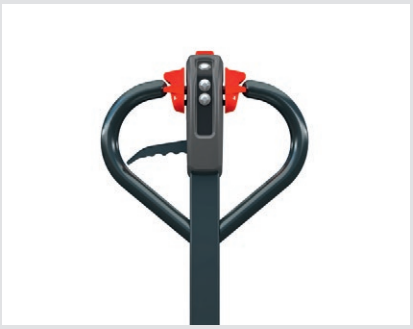
Ast

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

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