



Linde Material Handling

Linde



Pallet Truck

MT15

Capacity 1.5 t | Series 1133

Manoeuvrability in the tightest of spaces

- Compact chassis and good maneuverability for transports in narrow aisles
- Powered traction driving and lifting performance for loads of up to 1.5 t without effort
- Operator protection through long, low mounted tiller and low chassis
- 180 kg light weight truck can be used anywhere, even on mezzanines
- Lithium-ION battery allows intermediate charging and increases operating time

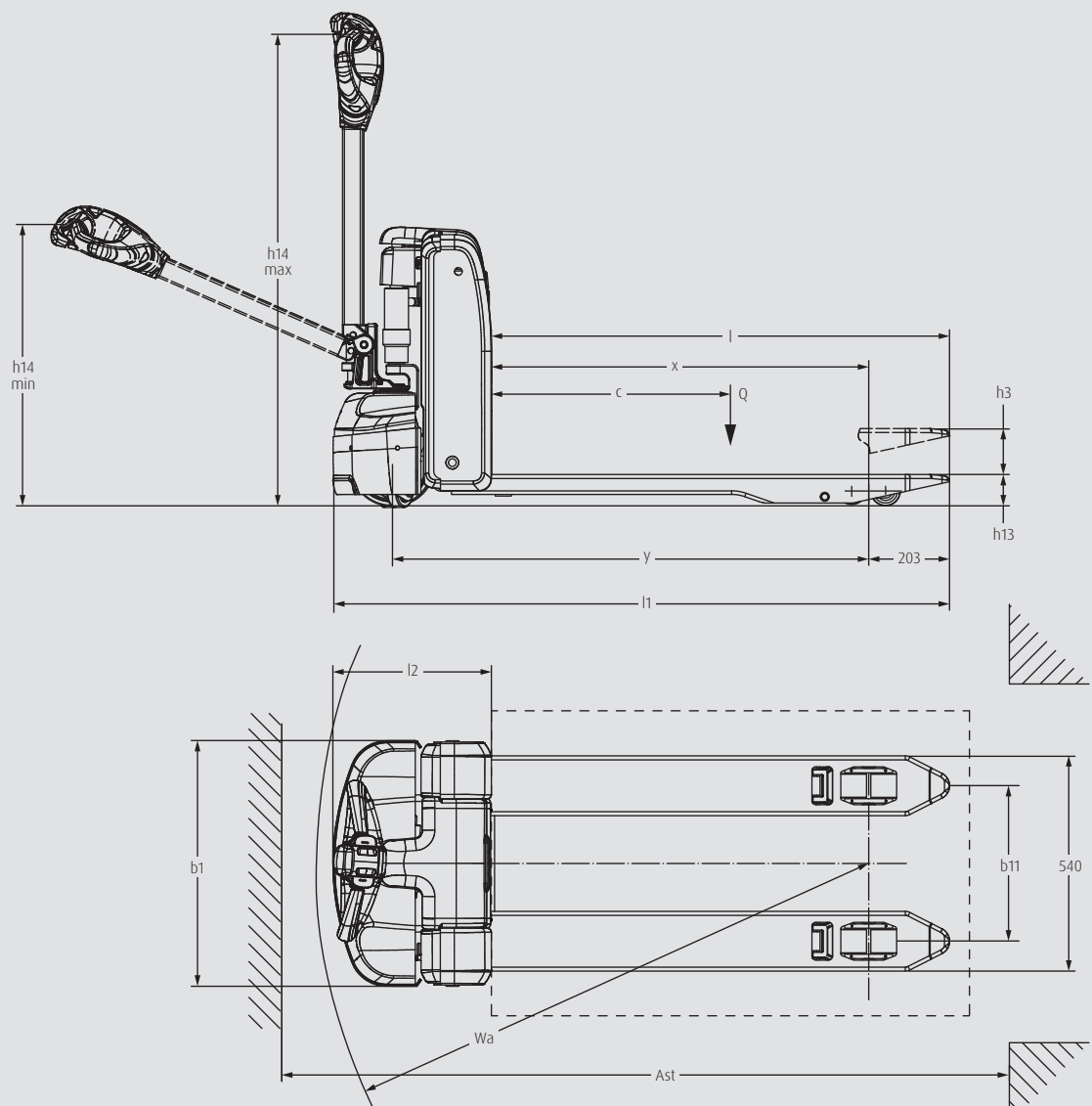


Here you can find more content via your smartphone: [Linde Augmented Reality App](#)



TECHNICAL DATA (According to VDI 2198)

Characteristics	1.1	Manufacturer		Linde
	1.2	Model		MT15
	1.2.a	Series		1133-03
	1.3	Power unit: Battery, diesel, gasoline, LPG		Battery
	1.4	Operation		Pedestrian
	1.5	Load capacity	Q (t)	1.5
	1.6	Load centre	c (mm)	600
	1.8	Axle centre to fork face	x (mm)	946 / 883
Weights	1.9	Wheelbase	y (mm)	1200 / 1135
	2.1	Service weight	(kg)	180
	2.2	Axle load with load, front/rear	(kg)	606 / 1074
Wheels / Tyres	2.3	Axle load without load, front/rear	(kg)	145 / 35
	3.1	Tyre: SE = (superelastic), P = (pneumatic)		PU / PU
	3.2	Tyre size, front	(mm)	Ø 210 × 70
	3.3	Tyre size, rear	(mm)	Ø 80 × 60 (Ø 74 × 88)
Dimensions	3.5	Wheels, number front / rear (X = drive)		1x 2 / 4 (1x 2 / 2)
	4.4	Lift	h3 (mm)	115
	4.9	Height of tiller arm in driving position, min/max	h14 (mm)	700 / 1200
	4.15	Fork 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)	620 (705)
	4.22	Fork dimensions s × e × l	s × e × l (mm)	50 / 150 / 1150
	4.25	Distance between fork-arms	b5 (mm)	540 (685)
	4.32	Ground clearance with load, center of wheelbase	m2 (mm)	30
	4.33	Aisle width, 1000 × 1200 mm pallet crosswise	Ast (mm)	2247
	4.34	Aisle width, 800 × 1200 along forks	Ast (mm)	2100
Performance	4.35	Turning radius	Wa (mm)	1390
	5.1	Travelling speed, with/without load	(km/h)	5 / 5.5
	5.2	Lifting speed, with/without load	(m/s)	0.028 / 0.031
	5.3	Lowering speed, with/without load	(m/s)	0.068 / 0.043
	5.8	Maximum gradeability, laden/unladen	(%)	8 / 20
	5.9	Acceleration time with/without load	(s)	10.78 / 9.88
Drive	5.10	Service brake		Electric
	6.1	Drive motor rating S2 60 min	(kW)	0.9
	6.2	Lift motor rating at S3 10 %	(kW)	0.8
	6.3	Battery according to DIN 43531/ 35/ 36 A, B, C, no		Li-ION
	6.4	Battery voltage, nominal capacity K5	(V/Ah)	48 / 20
	6.5	Battery weight	(kg)	10.5
Others	6.6	Energy consumption according to VDI cycle	(kWh/h)	0.239
	8.1	Type of drive control		DC
	8.4	Noise level	(dB(A))	< 70





STANDARD AND OPTIONAL EQUIPMENT

Model/ Equipment		MT15
Safety	Automatic parking brake	●
	Automatic speed reduction when cornering	●
	Horn	●
	Safety switch on tiller head	●
	Robust metal protection covers	●
	Key switch	●
Service	CAN bus architecture	●
Operation / Load Handling	Creep speed	●
	Load backrest 1220 mm and 1520 mm	○
Workplace	Traction and lifted control from ergonomic tiller	●
	Multifunction display hour meter, maintenance indication, battery discharge indicator and internal fault code indication	●
Attachment / Forks	Fork width 520 mm, 540 mm and 685 mm	○
	Fork length up to 1300 mm	○
Axles and Tyres	Drive wheel polyurethane	●
	Drive wheel wet grip	○
	Tandem load wheels polyurethane	●
	Single load wheels polyurethane	○
Drive and Brake-System	0.9 kW DC motor (maintenance free)	●
	Electromechanical braking system	●
	Battery 48 V / 20 Ah	●
	Battery 48 V / 30 Ah	○
	Extra Li-ION battery (20 Ah / 30 Ah)	○
	Inbuilt Li-ION 10 A Charger	●
	External Li-ION 10 A Charger	○

● Standard equipment

○ Optional equipment

CHARACTERISTICS



Long low mounted tiller ensures safety distance

Safety

- Long, low mounted tiller guarantees sufficient safety distance between operator and truck
- Low chassis prevents the driver's feet from getting under the truck
- Effective parking brake to hold the truck safely on slopes or on lorry tail lifts
- Reduced speed when cornering depending on the steering arm angle



All controls ergonomically integrated in the Linde tiller head

Ergonomics

- Ergonomic tiller head ensures precise and comfortable handling
- Creep speed function with vertical tiller arm improves maneuverability in confined spaces
- Built-in charger enables opportunity charging at any convenient power point for optimum uptime
- Charging time of only 2.5 hours



Easy plug and play Li-ION battery

Handling

- Compact chassis (L2: length including fork back of only 400 mm) ensures maneuverability
- Powered traction driving and lifting capacity facilitate transport of loads up to 1.5 tons
- 48 V 20 Ah or optional 30 Ah lithium-ion battery increases working time up to 3 hours
- 180 kg light weight truck can even be used on mezzanines



Intuitive multifunctional display

Service

- DC motor extends maintenance intervals and reduces service costs
- Multifunction display informs operator about truck status
- Battery management system ensures the quality and durability of the battery
- Service technicians can transfer and read out data to notebook via CAN bus connection
- All components are easily accessible

Presented by:

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 | 114.e.0,5.1020.IndB.se