



Linde Material Handling

*Linde*



## Pallet Truck

# MT15

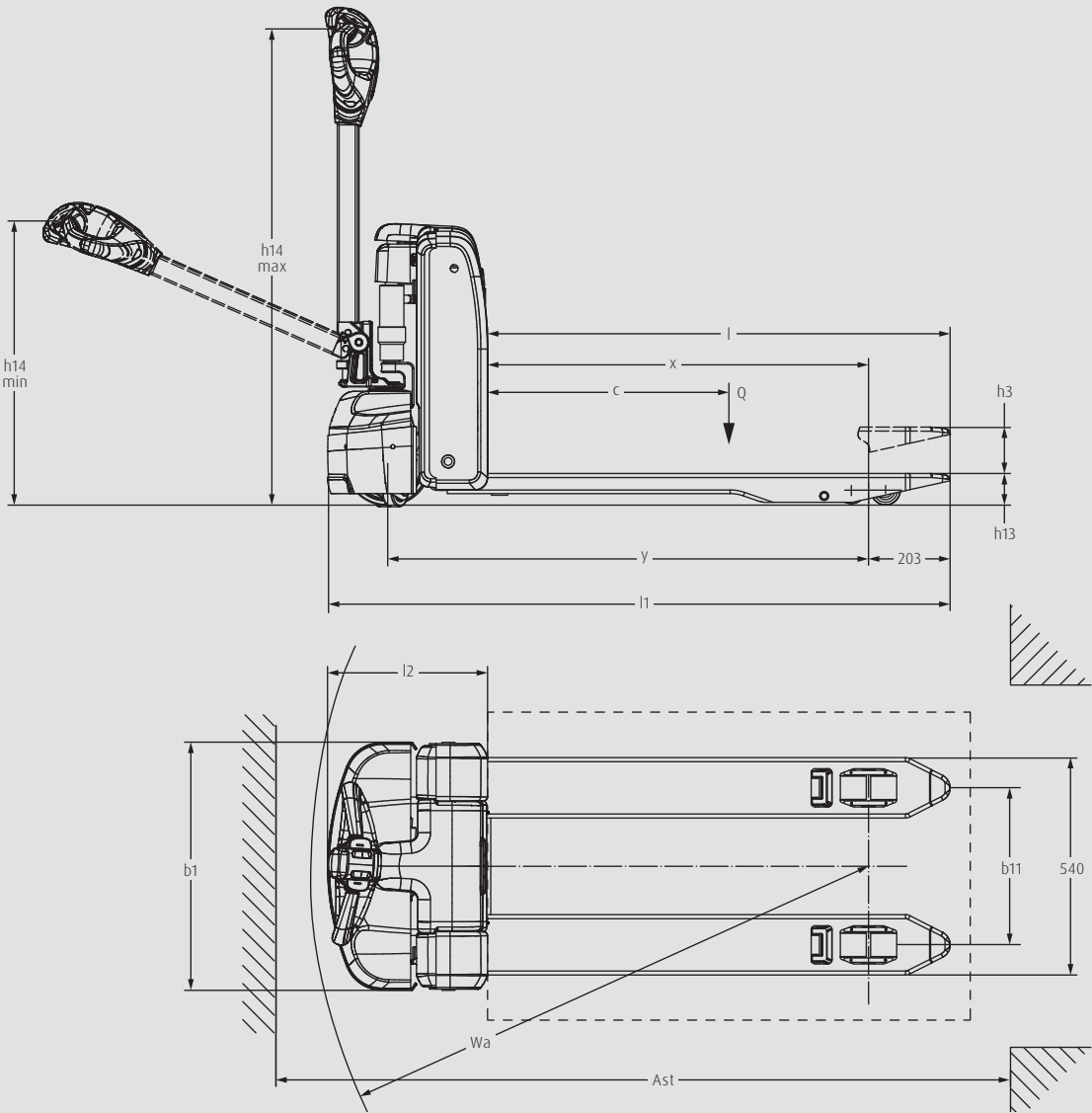
Capacity 1.5 t | Series 1133

### 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

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
Weights	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
	1.9	Wheelbase	y (mm)	1200 / 1135
	2.1	Service weight	(kg)	180
Wheels / Tyres	2.2	Axle load with load, front / rear	(kg)	606 / 1074
	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
	4.35	Turning radius	Wa (mm)	1390
Performance	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
Others	6.5	Battery weight	(kg)	10.5
	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



# 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



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 multifunction 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

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.