CHARACTERISTICS

Lithium-ION technology

- A greener solution to your bottom line
- Lithium-ion batteries reduce electrical costs because of better charger efficiency
- 48 V, 30 Ah lithium-Ion battery increases working time up to 3 hours
- Eliminating or reducing battery handling with faster charging technology

Ergonomics

- Ergonomic tiller head ensures precise and comfortable handling
- Creep speed functionality with the tiller arm in the vertical position improves maneuverability in confined spaces
- Auto reverse switch gives the operator added confidence in tight spaces

Confidence

- Long, low mounted tiller guarantees sufficient distance between operator and truck
- 374 lb. truck can even be used in mezzanines
- Powered traction driving and lifting capacity supported by casters

Service

- DC motor extends torque and maintenance intervals
- 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

For more information on Linde Material Handling equipment, please contact:

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2450 West 5th North Street, Summerville, SC 29483
Phone: (843) 875.8000 Truck Sales Fax: (843) 875.8471
Email: trucksales.na@kiongroup.com
www.kion-na.com

Linde Material Handling

KION NORTH AMERICA

Linde Material Handling

ELECTRIC PALLET TRUCK

MT18

4,000 lb. Capacity

Series 1133-03

- Lithium-Ion eliminates the issues with lead acid battery life and charging
- Superior maneuverability for transport in tight spaces
- Powered traction driving and lifting performance for loads of up to 4,000 lbs. without effort
- Operator protection through long, low mounted tiller and low chassis
- 374 lb. light weight truck can be used anywhere, even on mezzanines

STANDARD & OPTIONAL EQUIPMENT

STANDARD

- → Automatic parking brake
- → Horn
- → Reverse switch on tiller head
- → Robust metal protection covers
- → Key switch
- → CAN bus architecture
- → Creep speed
- → Traction and lift control from ergonomic tiller
- → Multifunction display hour meter, maintenance indication, battery discharge indicator and internal fault code indication
- → Polyurethane drive wheel
- → 0.9 kW DC motor (maintenance free)
- → Electromechanical braking system

OPTIONAL

- → Load backrest 48"
- → Fork width options 22 / 36" 22" x 45.5" 27" x 36"
- → Drive wheel wet grip
- → Extra Li-ION battery (30 Ah)
- → Extra Li-ION (12 Ah) Charger
- → Caster wheels

FEATURES

Linde Series 1133-03 Five Features

Ergonomic Tiller Head

- → Ergonomic tiller head ensures precise and confident handling in tight spaces
- → Low mounted tiller allows sufficient distance between operator and truck

Lithium-Ion Battery

- → Charge when you want, how you want without lead-acid battery charging constraints
- → 48V /30Ah Lithium-Ion battery increases work time up to 2.0-3.0 hours
- → Easily replaced and lightweight
- → Separate charger allows quick and convenient charging for optimum run time
- → Charging time of only 3.0 hours

Light Weight

- → Light weight truck (374 lbs.) can even be used on mezzanines
- → Compact frame provides easy operation in compact spaces

Low Profile

- → Low profile forks allows easier manuevering in tight spaces
- → Single load wheels reduce cost of operation
- → Optional fork dimensions available with easy pallet entry / exit

Accessibility

- → Easy access to all service component
- → Easy access to emergency cut off
- → Service Technicians can transfer and read data to a notebook via CAN bus connection

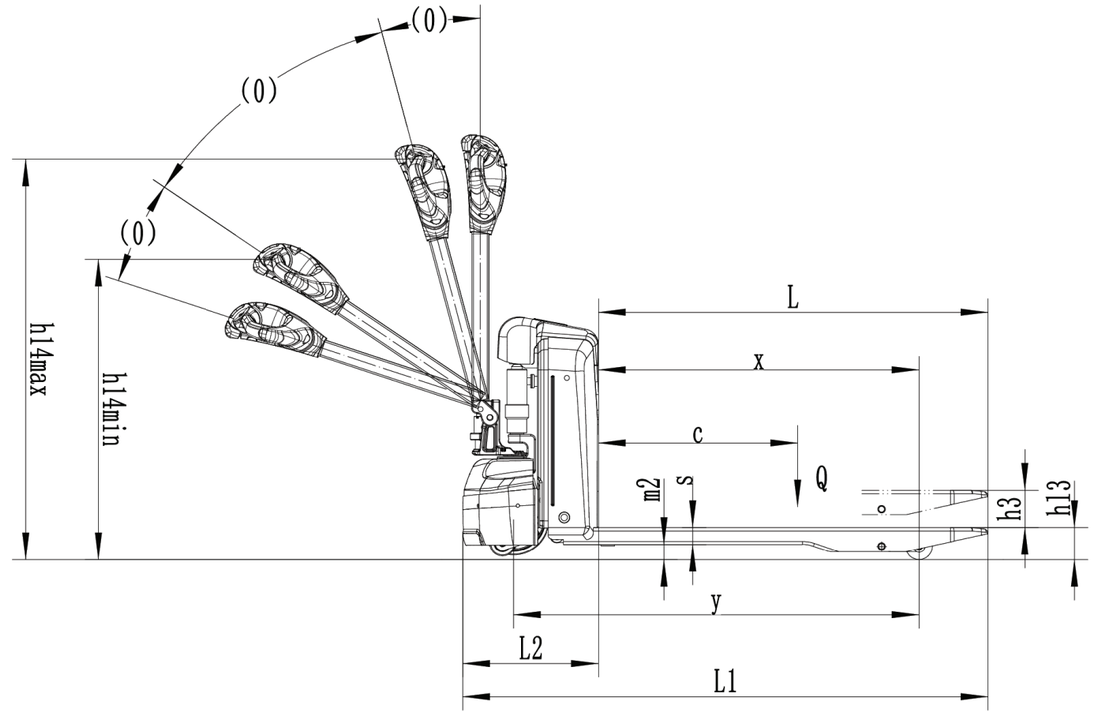
MT18 TECHNICAL DATA

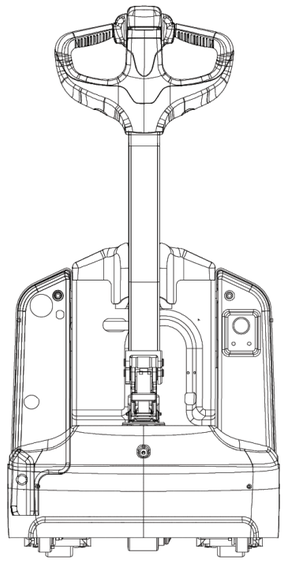
April 2021

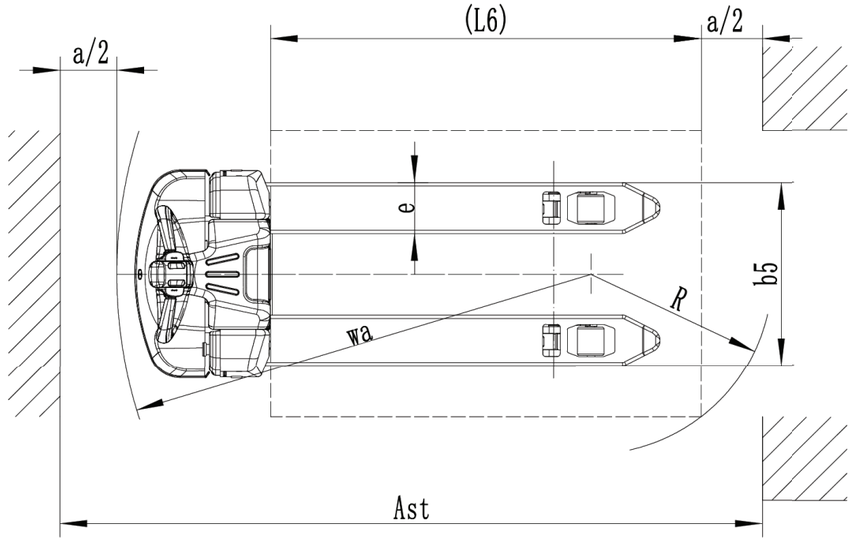
Characteristics	1.1	Manufacturer				LINDE	
	1.2	Model designation				**MT18**	
	1.3	Power unit				1133-03	
	1.4	Operation				Pedestrian	
	1.5	Rated capacity	Q	lb	kg	4000	1800
	1.6	Load center distance	c	in	mm	24	600
	1.8	Load distance, center of drive axle to fork	x	in	mm	35.2 / 37.8	894 / 960
	1.9	Wheelbase	y	in	mm	45.5 / 48	1155 / 1120
Weights	2.1	Service weight		lb	kg	374	170
	2.2	Axle loading laden, front/front		lb	kg	1454 / 2880	661 / 1309
	2.3	Axle loading without load, front/rear		lb	kg	286 / 88	130 / 40
Wheels/Tires	3.1	Tire type				PU / PU	
	3.2	Tire size, front		in	mm	8.3 x 2.75	210 / 70
	3.3	Tire size, rear		in	mm	2.9 x 3.46	74 x 88
	3.5	Wheels, number front / rear (X = driven)				1x/2	
Dimensions	4.4	Lift	h_3	in	mm	4.5	115
	4.9	Height of tiller arm in driving position, min / max	h_{14}	in	mm	25/46	650/1170
	4.15	Fork height, lowered	h_7	in	mm	3.15	80
	4.19	Overall lengh	l_1	in	mm	61.8	1570
	4.20	Length to fork face	l_2	in	mm	15.7	400
	4.21	Overall width	b_1 b_2	in	mm	27.4	695
	4.22	Fork dimensions s × e × l	s × e × l	in	mm	2 / 6 / 46	50 x 150 x1170
	4.25	Distance between fork-arms	b_5	in	mm	27	685
	4.32	Ground clearance with load, center of wheelbase	m_2	in	mm	1.18	30
	4.33	Aisle width, 1000 × 1200 mm pallet crosswise	A_{st}	in	mm	82	2061
	4.34	Aisle width, 800 × 1200 along forks	A_{st}	in	mm	86	2175
	4.35	Turning radius	W_a	in	mm	54	1370
Performance	5.1	Travelling speed, with / without load		mph	km/h	3.1 / 3.4	5 / 5.5
	5.2	Lifting speed, with / without load		ft/s	m/s	3.9 / 4.9	.020 / .025
	5.3	Lowering speed, with / without load		fpm	m/s	12.7 / 5.91	.065 /.030
	5.8	Maximum gradeability, laden / unladen		%		6 / 16	
	5.9	Acceleration time with / without load		S		10.78 / 9.88	
	5.10	Service brake				Electric	
Drive	6.1	Lift motor rating		kW		0.9	
	6.2	Engine speed		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		48/30	
	6.5	Battery weight		lbs	kg	31	14
	6.6	Energy consumption according to VDI cycle		kWh / h		0.239	
Other	8.1	Type of drive control				DC	
	8.4	Noise level		dB(A)		< 70	

MT18 TECHNICAL DATA

April 2021







*Refer to Technical Data Chart