



Linde Material Handling

Linde



Li-ION Pallet Truck

MT22

Capacity 4,500 lb. | Series 8932

- The MT22 is the next-generation of efficiency in pallet trucks, developed around a powerful 24V/100Ah Li-ION battery
- Comes standard with a built-in 24V/30A charger
- Lift 4,500 lbs. at 24 in. load center to the max height of 5 in.
- Industrial floating stabilizing wheels for maximum stability

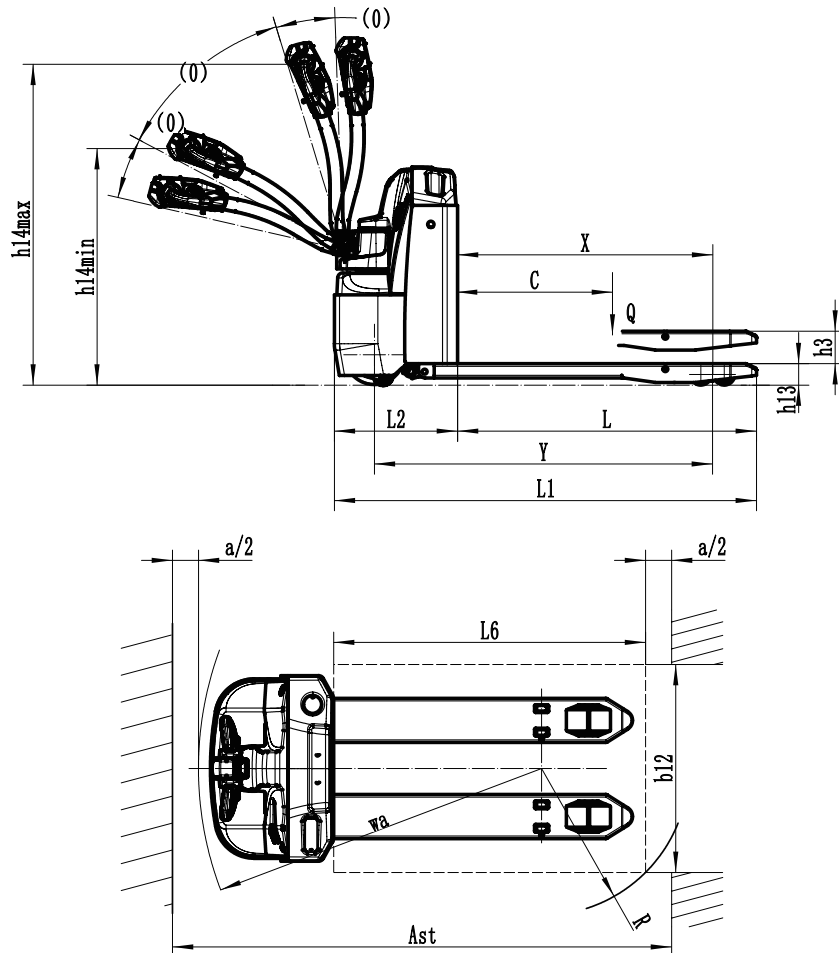
STANDARD & OPTIONAL EQUIPMENT

		MT22
Fork dimension	27 in W x 45 in L (685 mm x 1150 mm)	●
	27 in W x 36 in L (685 mm x 914 mm)	○
Drive cover off the ground	2.1 in (55 mm)	●
Load wheel type	Single Polyurethane	●
Polyurethane load & drive wheels		●
Stability Cater wheels X2		●
Battery capacity	24V/100AH (Li-ION)	●
On-board charger	24V-30A	●
Battery indicator		●
Rubber lugged drive wheel		○
Entry rollers		○
Pinwheel Turning		●
48", 60" LBR		○

● Standard Equipment

○ Optional Equipment

MT22 TECHNICAL DATA



ANSI: Standard truck meets all applicable mandatory requirements of ANSI/ISO 8561 standards for powered industrial trucks.
 NOTE: Performance data may vary due to motor and system efficiency tolerances. The performance depicted represents nominal values obtained under typical operating conditions. All metric dimensions are in millimeters unless otherwise specified. All metric dimensions are not direct equivalents due to rounding data. The descriptions and specifications included on this data sheet were in effect at the time of printing. KION North America Corporation reserves the right to make improvements and changes in specification or design without notice and without incurring obligation. Please check with your authorized dealer for information on possible updates or revisions.

MT22 TECHNICAL DATA

Characteristics	1.1	Manufacturer				LINDE	
	1.2	Model designation				MT22	
	1.2a	Series				8932	
	1.3	Drive system				Li-ION battery	
	1.5	Rated capacity/rated load	Q	lb	kg	4,500	2,041
	1.6	Load center distance	c	in	mm	23.6	600
	1.8	Load distance, center of drive axle to fork	x	in	mm	38.6	982
	1.9	Wheelbase	y	in	mm	51.1	1300
	Weights	2.1	Service weight		lb	kg	705
2.3		Axle loading, unloaded front/rear		lb	kg	518/99	235/45
Wheels/Tires	3.1	Tire type				Polyurethane	
	3.2	Tire size, front		in	mm	9.05x2.95	230/75
	3.3	Tire size, rear		in	mm	3.35x3.14	85/80
	3.4	Additional wheels (castor wheels)		in	mm	2.91x1.18	74/30
	3.5	Wheels, number front/rear (* = driven wheels)				1x2	
	3.6	Tread width, front	b10	in	mm	19.01	483
	3.7	Tread width, rear	b11	in	mm	14.56	370
Dimensions	4.4	Lift height	h3	in	mm	4.92	125
	4.9	Height of tiller handle in drive position min./max.	h10	in	mm	35.4/48.4	900/1230
	4.15	Lowered height	h13	in	mm	3.24	82.5
	4.19	Overall length	l1	in	mm	63.7	1620
	4.20	Length to face of forks	l2	in	mm	18.5	470
	4.21	Overall width	b1/b2	in	mm	28.11	714
	4.22	Fork dimensions	s / e / l	in	mm	2.1/6.6/45.2	55X170X1150
	4.25	Distance between fork-arms	b5	in	mm	21 (26.9)	540 (685)
	4.34.1	Aisle width for pallets 1000x1200 cross-ways	Ast	in	mm	84.7	2153
4.34.2	Aisle width for pallets 800x1200 length-ways	Ast	in	mm	81.88	2080	
4.35	Turning radius	Wa	in	mm	51.96	1320	
Performance	5.1	Travel speed, loaded/unloaded		mph	km/h	3.4/3.7	5.5/6
	5.2	Lift speed, loaded/unloaded		fpm	m/s	4.33	0.022
	5.3	Lowering speed, loaded/unloaded		fpm	m/s	7.67	0.039
	5.8	Max. grade-ability, loaded/unloaded			%	8/16	
	5.10	Service brake				Electromagnetic	
Drive	6.1	Drive motor rating S2 60 min			kW	1.6	
	6.2	Lift motor rating at S3 15%			kW	.8	
	6.4	Battery voltage/nominal capacity			V / Ah	24/100	
	6.5	Battery weight (± 5%)		lb	kg	97	44
Others	8.1	Type of drive control				AC	
	10.5	Steering design				Mechanical	
	10.7	Sound pressure level LpAZ (at the driver's seat)			dB(A)	74	
	15.1	Charger output current			A	30	

CHARACTERISTICS

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Member of KION Group



Li-ION Technology

- Eliminate the maintenance and potential hazards of lead-acid batteries: no need to water or change the battery, and no contact with battery acid
- Improved battery life when combining the built-in charger with opportunity charging
- Optimum for multi-shift operations looking to avoid charging down-time



Versatility

- Short chassis length (18.5 in.) and small turning radius (52 in.) makes the MT22 perfect for tight working conditions
- Upgraded caster wheels improve stability when navigating ramps and uneven surfaces



Ergonomics

- Controls placed on ergonomic tiller head to reduce operator movements
- Turtle button for easier use in narrow spaces
- Powerful AC traction motor and reduced weight creates minimal steering effort



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