



Electric Pallet Trucks 4400 lb. Capacity T20

SERIES 1151

Linde Material Handling



Safety

Linde engineers have designed this new pallet truck around the concept of active and passive safety. Passive safety demands that edges are smooth and rounded; that the battery compartment is covered and that the power cable is routed inside to avoid snagging. Standard caster wheels keep the truck stable while maneuvering in tight areas and add to active safety during operation.

Performance

The combination of AC motor technology and Linde LAC digital control makes these pallet trucks highly productive. Operating parameters can be adjusted to match customer requirements and application. When additional power is needed, an automatic momentary power boost provides higher torque to overcome an obstacle. Standard, hardened steel, entry and exit rollers ensure quickest possible pallet pickup and drop-off. In addition, a very practical “creep speed button” allows utmost maneuverability in confined areas. The unique “proportional speed system” will automatically regulate travel speed according to the tiller angle.

Comfort

Through the application of Sinergo®, an innovative, all inclusive, design concept, which incorporates every aspect of operator and truck interface, all controls on the ergonomically shaped tiller

handle can be easily operated by either hand. Ideal angles and specifically designed touch surface material allow for a secure grip and ideal operational positioning of hand, wrist and arm.

Reliability

Not only does this truck look good, it is also very rugged and durable. New materials are used for various components. Grivory® ensures that the tiller arm is light but also sturdy. The motor compartment cover made of Exxtral® is extremely strong yet flexible, for utmost component protection. Fork tips are made from cast steel to ensure maximum performance and durability.

Service

Maintenance free AC motors contribute to the low intervals of periodic service. Preventive maintenance is only required at 1000 hour intervals. All truck data is quickly available via a CAN-bus operational system. Easy access to all components ensures fast repairs and maximum machine uptime.

Technical Data

April 2015 SERIES 1151 (T20)

Characteristics	1.1	Manufacturer				Linde	
	1.2	Model designation				T20 (USA)	
	1.3	Power unit				Battery	
	1.4	Operation				Pedestrian	
	1.5	Load capacity	Q	lb.	kg	4400	2000
	1.6	Load center	C	in.	mm	24	600
	1.8	Axle center to fork face	X	in.	mm	34.5 / 37.8 ¹⁾²⁾	876 / 960 ¹⁾²⁾
	1.9	Wheelbase	y	in.	mm	56.6 / 59.2 ¹⁾²⁾	1437 / 1503 ¹⁾²⁾
	Weights	2.1	Service weight		lb.	kg	972 ³⁾
2.2		Axle load with load, front/rear		lb.	kg	1782 / 3562 ³⁾	809/1616 ³⁾
2.3		Axle load without load, front/rear		lb.	kg	754 / 218 ³⁾	342 / 99 ³⁾
Wheels/Tires	3.1	Tires (C = cushion - solid rubber, P = Polyurethane)				C + P ⁴⁾	
	3.2	Tire size, drive wheels		in.	mm	9.1 x 3.5	230 x 90
	3.3	Tire size, load wheels		in.	mm	3.1 x 4.1	80 x 105
	3.4	Caster wheels		in.	mm	4.9 x 1.6	125 x 40
	3.5	Wheels, number of drive wheels (x = driven)				1x + 2	1x + 2
	3.6	Track width, caster wheels	b10	in.	mm	19.0 ¹⁾	482 ¹⁾
	3.7	Track width, load wheels	b11	in.	mm	15.6 / 20.3 ¹⁾	395 / 515 ¹⁾
Dimensions	4.4	Lift	h3	in.	mm	4.9 ¹⁾	125 ¹⁾
	4.9	Height of tiller arm in operating position, min/max	h14	in.	mm	29.1 / 47.6	740 / 1208
	4.15	Fork height, lowered	h13	in.	mm	3.2	83
	4.19	Overall length	L1	in.	mm	69.9 ¹⁾	1775 ¹⁾
	4.20	Length to fork face	L	in.	mm	22.6 ¹⁾	575 ¹⁾
	4.21	Overall width	b1/b2	in.	mm	28.3 ¹⁾	720 ¹⁾
	4.22	Fork dimensions	S/e/L	in.	mm	6.5 x 2.2 x 47.3	165 x 55 x 1200
	4.25	Fork spread, min/max	b5	in.	mm	22.0 / 26.8 ¹⁾	560 / 680 ¹⁾
	4.32	Ground clearance, center of wheelbase	m2	in.	mm	1.3 / 6.3 ²⁾	33 / 158 ²⁾
	4.34	Aisle width with 48" pallet	Ast	in.	mm	83.9 ⁵⁾	2129 ⁵⁾
4.35	Turning radius	Wa	in.	mm	62.4 / 65.2 ²⁾⁵⁾	1585 / 1655 ²⁾⁵⁾	
Performance	5.1	Travel speed, with/without load		mph	km/h	3.5 / 3.5	5.6 / 5.6
	5.8	Maximum climbing ability, with/without load			%	10 / 24	
	5.9	Acceleration time, with/without load			s	7.6 / 6.4	
Drive	6.1	Drive motor, 60 minute rating		hp	kW	1.6	1.20
	6.2	Lift motor rating at 15%		hp	kW	1.6	1.20
	6.3	Battery compartment size, l x w x h		in.	mm	9.2 x 25.7 x 24.8	235 x 654 x 630
	6.4	Battery voltage			V	24	
	6.5	Battery weight (± 5%)		lb.	kg	400	181
Others	8.1	Type of drive control				LAC	LAC
	8.4	Noise level at operator's ear			dB(A)	<70	<70

1) (± 5 mm)

2) Forks raised / lowered

3) (± 10%)

4) Cushion - solid rubber + polyurethane

5) With creep speed = tiller in vertical position, includes 8 inch operating clearance

