



Electric Pallet Truck

T20

Capacity 4,400 lb. | Series 1151

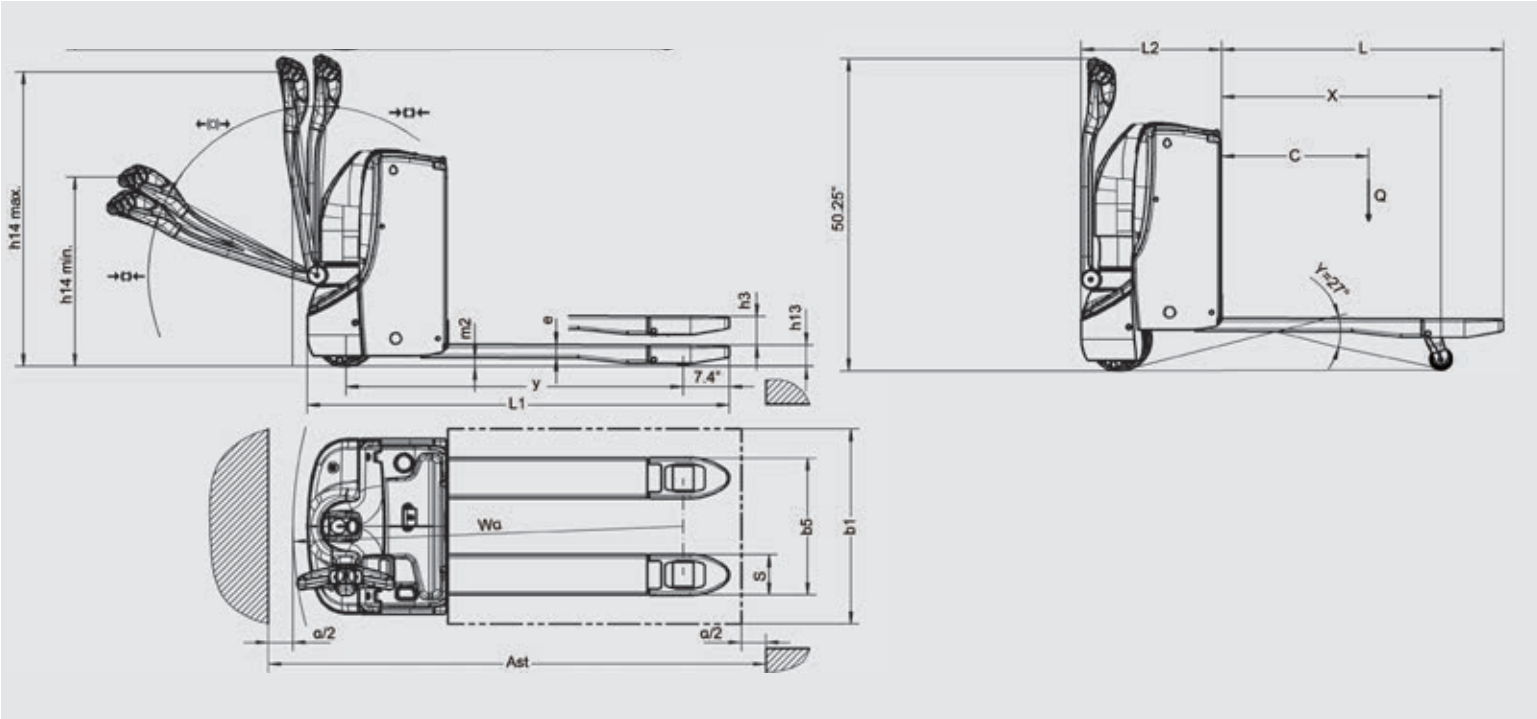
- The combination of AC motor technology and Linde LAC digital control makes the T20 pallet trucks highly productive.
- Maintenance free AC motors contribute to the low to intervals of periodic service.
- All controls on the ergonomically shaped tiller handle can be easily operated by either hand.
- Standard caster wheels keep the truck stable while maneuvering in tight areas.
- Standard, hardened steel, entry and exit rollers ensure quickest possible pallet pickup and drop-off.

STANDARD & OPTIONAL EQUIPMENT

	T20
Sinergo®, operator / truck interface: Tiller-arm with low mounting point, Exxtral® motor and battery compartment cover, Creep speed control, Proportional speed control, End-of-stroke tiller-arm dampening, Storage compartments	●
Multifunction display with hour meter, maintenance indicator, battery discharge indicator and internal fault code display	●
AC motor	●
Linde LAC controller	●
Key switch	●
Horn	●
CAN-bus technology	●
Electromagnetic brake	●
Automatic parking brake	●
Cushion rubber drive wheel	●
Single polyurethane load wheels	●
Fork length: 47" (nominal)	●
Width across forks: 27"(nominal)	●
Standard protection to 20°F	●
Pallet entry and exit rollers	●
Caster wheels	●
Drive wheels (variations)	○
Alternative fork lengths and width	○
Load backrest	○
Pin code access	○
Cold storage protection	○

● Standard Equipment ○ Optional Equipment

T20 TECHNICAL DATA



ANSI: Standard truck meets all applicable mandatory requirements of ANSI/ITSDF B56.1 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. 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 Linde dealer for information on possible updates or revisions

T20 TECHNICAL DATA

Characteristics	1.1	Manufacturer				LINDE	
	1.2	Model designation				T20	
	1.2a	Series				1151	
	1.3	Drive system				Battery	
	1.5	Rated capacity/rated load	Q	lb	kg	4,400	2,000
	1.6	Load center distance	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⁾	441 ³⁾
	2.2	Axle load with load, front/rear		lb	kg	1782 / 3562 ³⁾	809 / 1616 ³⁾
	2.3	Axle loading, unloaded 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	
	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 height	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 face of forks	l2	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⁾
Performance	4.35	Turning radius	Wa	in	mm	62.4 / 65.2 ^{2) 5)}	1585 / 1655 ^{2) 5)}
	5.1	Travel speed, loaded/unloaded		mph	km/h	3.5 / 3.5	5.6 / 5.6
	5.8	Max. grade-ability, loaded/unloaded			%	10 / 24	
Drive	5.9	Acceleration time, with/without load			s	7.6 / 6.4	
	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/nominal capacity			V / kAh	24/100	
	6.5	Battery weight (± 5%)		lb	kg	400	181
Others	8.1	Type of drive control				LAC	
	8.4	Noise level at operator's ear			dB(A)	<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

CHARACTERISTICS

Linde Material Handling

Linde

Member of KION Group



Handling

- Large caster wheels with shock absorbers for stability on ramps and uneven floors
- End-of-stroke resistance on the tiller-arm avoids accidental, abrupt braking
- A creep speed button ensures high maneuverability in confined areas when operating at low speeds with the tiller-arm in the upright position
- Highly efficient electromagnetic brake applied by moving the tiller-arm to fully up or down position



Performance

- Powerful, smooth-running AC motor, 1.2kW (at 100% output)
- Battery capacities from 150 Ah to 375 Ah
- Adjustable traction speed
- Booster effect provides momentary torque increase
- No roll-back on hill starts
- Gradient performance: 24% unladen, 10% with full load



Ergonomics

- The ergonomic Grivory® material ensures effortless operation
- Proportional speed control varies truck speed automatically in relation to tiller-arm angle for comfortable and productive operation
- Wrap-around hand protection
- Comfortable controls, operable with either hand and gloves



Service

- Zero maintenance, moisture and dust-proof AC motors
- CAN-bus technology enables fast, easy access to all truck data
- Individually adjustable operating parameters
- Quick and convenient access to all components



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