

Features

Batteries and chargers

- Vertical battery change as standard, optionally side battery change left or right
- Wide range of batteries from 180Ah to 620 Ah
- Battery locking system for side change option secures battery in compartment and eases the battery change

AC motor

- Powerful, smooth-running motor, 3KW
- Gradeability 13% with coat
- No rollback on uphill starting
- Top speed 10 km/h, loaded as unloaded
- Forceful acceleration takes truck to top speed within 5 metres
- Moisture and dust-proof motor needs no maintenance

Standard Equipment

- Safe operator's compartment with shielded cockpit
- Drive control e-driver operated with only one hand
- AC motor
- Rubber drive wheel
- Polyurethane castor wheels
- Polyurethane tandem load wheels
- Automatic braking
- Horn
- Battery 24V/3PzS/330AH Charger E24/50P
- Fork width across 560mm, length 1150mm
- Key switch
- Protection -10°C
- Proportional power assisted steering with positive steering feedback
- Electromagnetic emergency brake proportional to load transported
- Hydraulically suspended and electronically controlled stabilisers

Optional Equipment

- Alternative fork dimensions
- Drive wheels: polyurethane, cushion non-marking or wet grip
- Load backrest
- Mobile and fixed battery stands (for side battery change)
- Cold store version -35°C

Other Options Available on Request



Stand-on Electric Pallet Truck T20SP 2000kg

1158

Linde Material Handling

Linde

Safety

The sturdy steel cockpit enclosure keeps the operator safe from shock and impact throughout the working day. The skirt surrounding the platform prevents damage to the truck or injury to legs and feet by intrusion of other forked vehicles. At no time is the operator's body exposed beyond the contours of the truck.

Performance

Its performance is based on a powerful 3 KW AC motor and active castor wheels. Forceful acceleration, high travel speed and efficient brakes add up to productivity in service at any duty level.

Comfort

The ergonomic 45° angle driving position opens up entirely new perspectives by keeping the working environment in good view traveling either forwards or in reverse.

Reliability

Rugged construction makes this truck reliable. Each fork tip supports a load of 2,000kg without bending. Smooth entry of the forks into closed pallets is assisted by the ramped tip shape, lead-in and narrow width. Features that contribute to considerably longer truck lifetime as well as fast, easy and safe load handling.

Service

CAN-Bus connectivity enables all truck data to be read out on a laptop computer by the service technician. Swift access to all components and maintenance-free AC technology play an additional part in keeping truck uptime up.

Features

Power steering for comfort and safety

- Proportional power-assisted steering, self-centering and effortless to operate
- Adjustable steering (drive wheel) feedback resulting in outstanding stability
- Automatic speed reduction when cornering



Total drive system

- Electronically controlled hydraulic-suspension active castor wheels provide superb stability and traction when transporting pallet loads
- Automatic braking on releasing the travel switch
- Well controllable countercurrent braking
- Electromagnetic braking initiated by the emergency stop button acts on the drive motor, proportional to the load carried.



Ideal 45° driving position

- Excellent view of environment driving in either forward or reverse direction
- Utmost safety in every situation
- Exceptional stability, especially when cornering



Linde "E-Driver"

- Ergonomic control handle allows one-hand operation
- All main control functions integrated in one handle
- Perfectly matched to 45° driving position

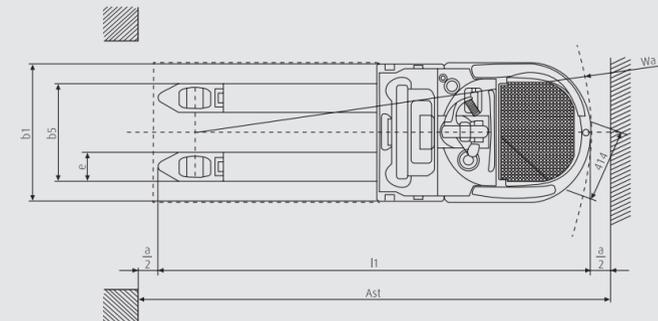
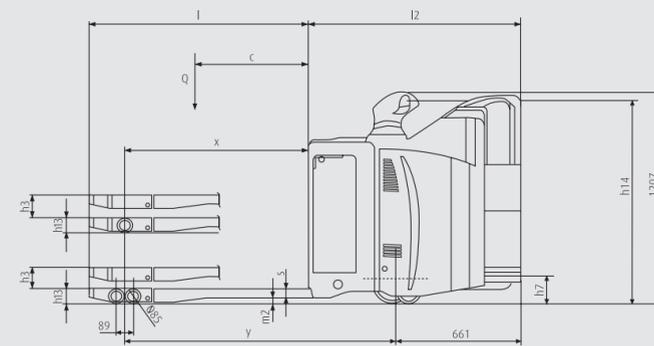
Linde Material Handling

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Technical Data

Characteristics	1.1	Manufacturer		Linde	
	1.2	Model designation		T20SP	
	1.3	Power unit		Battery	
	1.4	Operation		Stand-on	
	1.5	Load capacity	Q(kg)	2000	
	1.6	Load center	c(mm)	600	
	1.8	Axle centre to fork face (fork raised/lowered)	x(mm)	895/962	
	1.9	Wheelbase (fork raised/lowered)	y(mm)	1431/1497	
	Weights	2.1	Service weight (with battery item 6.5)	kg	897
2.2		Axle load with load, drive/load side	kg	1164/1733	
2.3		Axle load without load drive/load side	kg	740/157	
Wheels	3.1	Tyre,operator/load side: Rubber (R), polyurethane (PU)		R+P/P	
	3.2	Tyre size, drive side	mm	254φ 102	
	3.3	Tyre size, load side	mm	85 xφ 05	
	3.4	Auxiliary wheel, size	mm	125φ 60	
	3.5	Wheels number, drive/laod side (x=driven)		1x+2/4	
	3.6	Track width, drive side	mm	544	
	3.7	Track width, load side	mm	355/395/515	
Dimensions	4.4	Lift	h ₃ (mm)	125	
	4.8	Height of driving platform (low position)	h ₇ (mm)	160	
	4.9	Height of tiller arm in operation position	h ₁₄ (mm)	1160	
	4.15	Fork height, lowered	h ₁₃ (mm)	85	
	4.19	Overall length	l ₁ (mm)	2346	
	4.20	Length to fork face	l ₂ (mm)	1196	
	4.21	Overall width	b ₁ (mm)	790	
	4.22	Fork dimensions	s/e/l(mm)	55 x 165 x 1150	
	4.25	Fork spread	b ₅ (mm)	520/560/680	
	4.32	Ground clearance, center of wheelbase min./max.	m ₂ (mm)	30/155	
	4.33	Aisle width, 1000x1200mm pallet crosswise	Ast(mm)	2395	
	4.34	Aisle width, 800x1200mm pallet lengthwise	Ast(mm)	2595	
	4.35	Turning radius (fork raised)	Wa(mm)	2090	
	Performances	5.1	Travel speed, with/without load	km/h	10.0/10.0
		5.2	Lift speed, with/without load	m/s	0.036/0.043
5.3		Lower speed, with/without load	m/s	0.064/0.060	
5.8		Max. Climbing ability, with/without load	%	13/20	
5.10		Service brake		Electro-magnetic	
Drive	6.1	Drive motor output (60 min.rating)	kw	3.0	
	6.2	Lift motor output (15% rating)	kw	1.2	
	6.3	Battery according to DIN 43 531/35/36A,B,C,no		DIN 43535 B	
	6.4	Battery voltage/rated capacity (5h)	V/Ah	24/330	
	6.5	Battery weight	kg	297	
Others	8.1	Type of Drive control		LAC variator	
	8.4	Sound level at driver's ear	dB(A)	<70	
Figure for standard truck version may vary according to equipment					

T20SP



$Ast = Wa - x + l_6 + a$
safety distance $a = 200\text{mm}$

