FOLDABLE PLATFORM PALLET TRUCK T20 AP | T25 AP

CAPACITY 2000 - 2500 KG | SERIES 1153

Safety

This pallet truck with foldable side guards is perfectly designed to protect the operator during the work shift. Automatic speed reduction when cornering, automatic braking on releasing the traction control and excellent visibility through the wide mast, all provide assured safety. Electromagnetic braking is actuated by the dead man platform or by the emergency stop button and is proportional to the load carried.

Performance

Highly efficient productivity is the Linde pallet truck's true strength. The compact and powerful 2.3 kW AC drive unit which offers speeds up to 10 km/h and the innovative castor wheels enable precise maneuvering and ensure the optimum mix of stability and traction in all situations. This all adds up to efficient and safe transfer of loads up to 2.5 t.

Comfort

The fully suspended operator compartment keeps the driver concentrated and maintains high efficiency levels throughout the work shift. All controls on the ergonomic tiller head can be easily operated by either hand. Tasks are made easier thanks to the generous storage compartments for work equipment, such as shrink wrap.

Reliability

The highly durable, robot welded construction of the pallet truck ensures consistent reliability and a long life in reference to applications. Each heavy cast fork tip can support a load of 2000 kg without deformation. Smooth entry into bottom boarded pallets is assisted by the ski contours of the underside of the fork tips. The arrow shaped fork tips also facilitate easy entry into every type of pallet and due to shrink wrapping, it also ensures fast, efficient, and safe load handling.

Service

A maintenance-free AC motor reduces service costs. Operating parameters can be individually adjusted to the operator's needs via the CAN-bus system. The service engineer has fast, easy access not only to truck data, via the CAN-bus system, but also to all main internal components.

Here you can find more content via your smartphone: Linde Augmented Reality App

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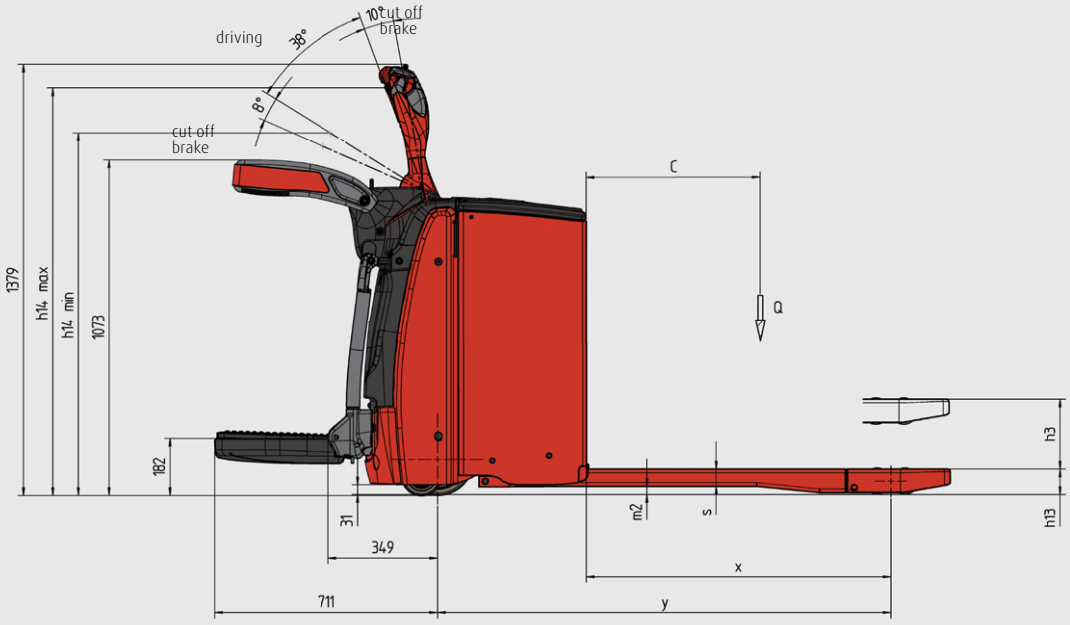
TECHNICAL DATA

ACCORDING TO VDI 2198

Characteristics	1.1	Manufacturer		LINDE	LINDE
	1.2	Model design		T20 AP	T25 AP
	1.3	Power unit		Battery	Battery
	1.4	Operation		Standing	Standing
	1.5	Load capacity / Load	Q (t)	2.0	2.5
	1.6	Load centre distance	c (mm)	600	600
	1.8	Axle centre to fork face	x (mm)	965	965
	1.9	Wheelbase	y (mm)	1478	1478
Weight	2.1	Service weight	(kg)	875	875
	2.2	Axle load with load, front / rear	(kg)	983 / 1920	1090 / 2356
	2.3	Axle load without load, front / rear	(kg)	710 / 165	710 / 165
Wheels and types	3.1	Tyres rubber, SE, pneumatic, polyurethane		R + P / P	R + P / P
	3.2	Tyre size, front	(mm)	230 x 90	230 x 90
	3.3	Tyre size, rear	(mm)	85 x 85 (bogies 85 x 60)	85 x 85 (bogies 85 x 60)
	3.4	Auxiliary wheels (dimensions)	(mm)	2 x 125 x 60	2 x 125 x 60
	3.5	Wheels, number front / rear (x = driven)	(mm)	1x + 2 / 2(1x + 2 / 4)	1x + 2 / 2(1x + 2 / 4)
	3.6	Track width, front	b_{10} (mm)	502	502
	3.7	Track width, rear	b_{11} (mm)	380	380
Dimensions	4.4	Lift	h_3 (mm)	125	125
	4.9	Height of tiller arm in operating position, min / max	h_{14} (mm)	1160 / 1300	1160 / 1300
	4.15	Height, lowered	h_{13} (mm)	86	86
	4.19	Overall length	l_1 (mm)	2350	2350
	4.20	Length to fork face	l_2 (mm)	1195	1195
	4.21	Overall width	b_1 / b_2 (mm)	720	720
	4.22	Fork dimensions DIN ISO 2331	s / e / l (mm)	55 x 165 x 1150	55 x 165 x 1150
	4.24	Width of fork carriage	b_3 (mm)	710	710
	4.25	Fork spread	b_5 (mm)	520 / 540 / 560 / 680	520 / 540 / 560 / 680
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	30	30
	4.34.1	Aisle width for pallets 1000 × 1200 crossways	A_{st} (mm)	2830	2830
	4.34.2	Aisle width with pallet 800 x 1200 along forks	A_{st} (mm)	2965	2965
	4.35	Turning radius	W_a (mm)	2095 / 2165	2095 / 2165
Performance	5.1	Travel speed, with / without load	(km / h)	10.0 / 10.0	10.0 / 10.0
	5.2	Lifting speed, with / without load	(m / s)	0. 036 / 0.046	0. 028 / 0.036
	5.3	Initial lowering speed	(m / s)	0. 090 / 0.089	0.066 / 0.072
	5.8	Maximum climbing ability, with / without load	(%)	12.0 / 20.0	10.0 / 20.0
	5.9	Acceleration time, with / without load	(s)	6.02 / 4.76	6.24 / 4.76
	5.10	Service brake		Electromagnetic	Electromagnetic
Drive	6.1	Drive motor rating S2 60 min	(kW)	2.3	2.3
	6.2	Lift motor rating at S3 15 %	(kW)	1.2	1.5
	6.3	Battery according to DIN 43531 / 35 / 36 A, B, C, no		3 PZs SL	3 PZs SL
	6.4	Battery voltage/rated capacity (5 h)	(V) / (Ah)	24 / 375	24 / 375
	6.5	Battery weight (± 5 %)	(kg)	290	290
	6.6	Power consumption according to VDI cycle	(kWh / h)	0.454	0.454
	8.1	Type of drive unit		LAC	LAC
	10.7	Sound pressure level LpAZ (at the driver's seat)	(dB(A))	61	61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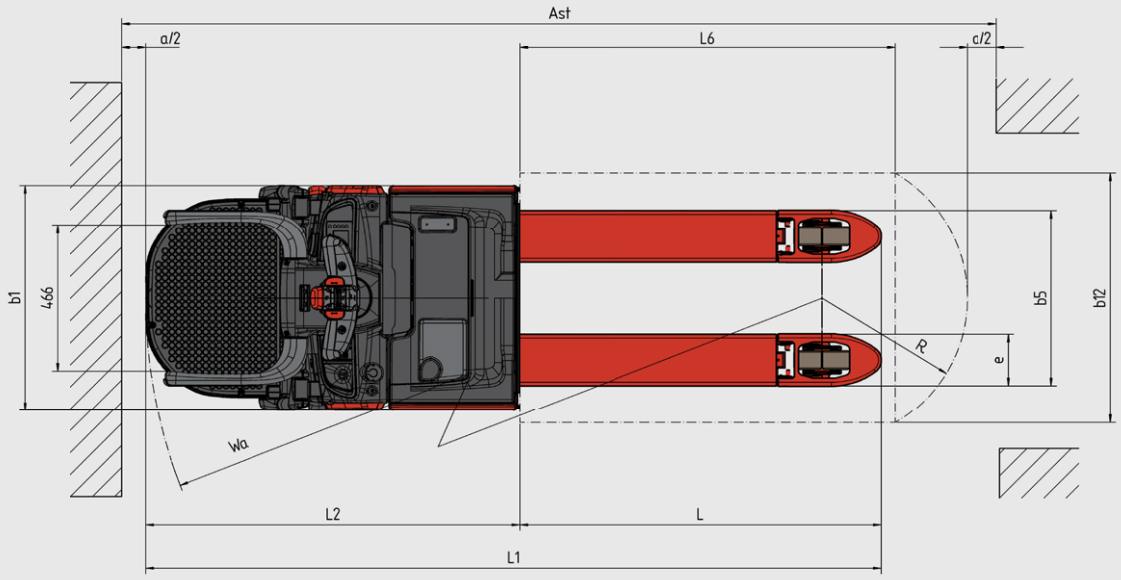
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STANDARD EQUIPMENT / OPTIONAL EQUIPMENT

STANDARD EQUIPMENT

- 720 mm chassis width smaller than a pallet
- Fully suspended operator compartment
- Foldable stand-on platform with side guards
- Power assisted steering with variable steering resistance
- Polyurethane drive wheel
- Polyurethane single load wheels
- Multifunction coloured display of the hour meter, maintenance indication, battery discharge indicator and internal fault code indication
- Creep speed
- 2.3 kw AC maintenance-free drive motor
- CAN bus technology
- Automatic speed reduction when cornering
- Automatic braking
- Electromagnetic emergency brake acting proportionally to the load weight
- Vertical 3 PzS battery compartment
- Protection: –10° C

OPTIONAL EQUIPMENT

- Drive wheels: cushion, cushion with tread, non-marking or wet grip
- Load wheels: tandem polyurethane or single / tandem polyurethane greasable load wheels
- Hydraulic castor wheels
- Alternative fork dimensions
- Load backrest 1800 mm / 1200 mm
- Working lamp LED front
- Blue spot
- Accessory support
- Support data terminal incl. power supply cable 24 V
- Support clipboard DIN A4
- Support for scanner
- Built-in charger
- Vertical 2 PzS battery compartment
- Vertical 4 PzS battery compartment
- Lateral 3 PzS battery compartment
- Lateral 4 PzS battery compartment
- Battery stand – fixed and mobile
- Working lamp LED front
- Other options available on request

Linde Connected Solutions:

- ac: access control (PIN or RFID Dual), an: usage analysis and dt: crash detection
- Data transfer online
- Data transfer WIFI
- Bluetooth USB Stick

Li-ION technology:

- 3 PzS compartment with 4.5 kWh - 9 kWh (205 Ah - 410 Ah)

Li-ION charger:

- 24 V-Charger v255: 4.5 kWh (full charging time 1 h 30 min) - 9.0 kWh (2 h 40 min)


Linde
T20


Linde
T20

FEATURES

Platform

→ Fully suspended operator compartment
→ Platform and handle bar are decoupled from the chassis
→ Reduced vibrations for the legs and for the upper body
→ Soft, slip-proof rubber padding
→ Entire platform surface acts as an operator detection switch
→ Foldable side guards

Power steering for comfort and safety

→ Steering effort adjusts automatically to speed and turning radius
→ Speed is automatically reduced, in relation to the steering angle
→ The result is effortless maneuvering and safe, highly efficient load handling

Handling

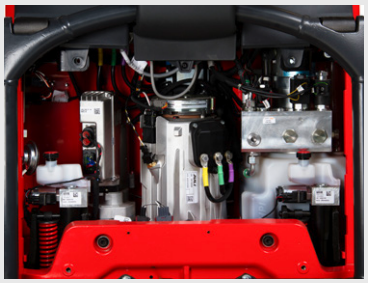
→ 720 mm chassis width narrower than a pallet
→ Compact and robust chassis for easy handling in narrow spaces
→ A Creep speed button ensures high maneuverability in confined areas when operating with the tiller in an upright position

Braking

→ Highly efficient mechanical brake when the tiller is fully raised or lowered
→ Automatic electric braking on releasing the butterfly control or reversing direction
→ Truck slows down prior to stopping - remaining under complete control at all times
→ No roll-back when starting on a slope

AC Motor

→ Compact, efficient and maintenance-free 2.3 kW AC motor
→ Innovative castor wheel design offers maximum traction and stability for demanding applications, such as, loading / unloading



Workstation

→ All controls are ergonomically integrated in the tiller head
→ Multifunctional instrument display with an easy, ergonomic menu
→ Truck access control by PIN code or ignition key
→ Storage compartment for work gloves, writing ustensils, etc.
→ Emergency isolator

Comprehensive energy solutions

→ 24 V batteries: capacities from 345 Ah (3 PzS) to 500 Ah (4 PzS)
→ Li-ION batteries with 4.5 kWh (205 Ah) and 9.0 kWh (410 Ah)
→ Optional built-in charger available
→ Optional lateral change, including rollers inside the battery compartment and a lever to aid battery change

CAN-bus connectivity

→ On-board diagnostics and CAN-bus interface
→ Provides service technician with rapid access to all truck data for performance parameter settings, trouble shooting, and preventative maintenance

Presented by:

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