

Standard Equipment/Optional Equipment

Standard Equipment

Multifunction back lit instrument display	Automatic speed reduction when cornering
Key switch or Log in Pin code: ignition	Standard power setting of max. speed 10 km/h
Unique and intuitive 45° driving position (SP)	AC motor
Safety zone operator's compartment with padded leg and backrests with cushioned suspended platform (SP)	Automatic braking
Dedicated work station (with storage compartments)	Electromagnetic emergency brake acting proportionally to the load weight
Innovative single handed Linde e-driver® control (SP)	Cushion drive wheel
Power assisted steering with speed proportional steering resistance	Polyurethane active castor wheels
Positive steering (drive wheel) feedback	Polyurethane single load wheels
Self-centring steering (SP)	Foldable stand-on platform with side guards (AP)
Left handle bar (SP)	Horn
	Protection –10°C

Optional Equipment

Alternative fork dimensions	Width over forks 520, 560, and 680 mm
Drive wheels: polyurethane, cushion non-marking or wet grip	Fork lengths 1000, 1150, and 2350 mm
Load wheels: Tandem polyurethane or single/tandem polyurethane greasable load wheels	Coldstore protection to –35°C
Clipboard	Linde Connected Solutions: ac:access control (PIN and RFID Dual), an:usage analysis, dt:crash detection
On-board mounting for computer or clipboard	Fully suspended operator compartment (SP)
Load backrest 1200mm	LED working lamp (SP)
Mobile and fixed battery stands (for side battery change)	Power setting to max. speed of 12 km/h (SP)
Non marking cushion rubber drive heels	

<b>Li-ION technology</b>	<b>Li-ION batteries</b>
Fast Full Charge	fits in 3 PzS compartment (T20 AP/SP ION, T25 AP/SP ION) with 4,5kWh-9kWh (205Ah-410Ah)
Opportunity Charging	<b>Li-ION charger</b>
Fast Intermediate Charging	optimized 24V-Charger v255: full charging time 1h30min (4,5kWh) and 2h40min (9,0kWh)
Maintenance Free	
Long Lifetime	
Good performance in Cold Store	

Other options available on request.

Safety

High performance combined with safety. The wraparound steel chassis keeps the operator safe from impacts while working (SP). A low, steel skirt surrounding the stand-on platform protects the operator's feet and legs (SP). The operator's body remains safely within the chassis contours at all times while operating the truck (SP).

Performance

Highly efficient productivity is the Linde pallet truck's true strength. Their performance derives from a powerful 3 kW AC maintenance-free drive motor and active stabilizing castor wheels. Rapid acceleration and impressive travel speed combined with efficient braking in all conditions. This all adds up to outstanding productivity ratios in every type of application.

Comfort

The ergonomic 45° driving posture of the SP version,enables effortless, stress-free multidirectional working with excellent all-round visibility. A padded backrest and cushioned stand-on platform provide added comfort. The optional fully suspended operator compartment keeps the driver concentrated and maintains high efficiency levels throughout the working shift.



Platform Pallet Truck

Capacity 2000 and 2500 kg

T20 SP/AP, T25 SP/AP

Series 131-07



Features

- Total drive system**
- Electronically controlled, hydraulically suspended castor wheels automatically select optimum ratio between stability and traction
  - Automatic electric braking when traction lever is released to neutral
  - Smooth counter current braking and no roll back on gradient starts
  - Proportional electromagnetic braking on drive motor initiated by emergency isolator or release of pressure on deadman switch



- Ideal 45° driving position**
- The 45° driving posture (SP) provides effortless multi-directional driving
  - Superbly functional Linde e-driver controls
  - Cushioned platform and padded backrest
  - Outstanding stability with automatic slowdown when cornering
  - Fully suspended operator compartment (Option)

- Linde e-driver®**
- Unique Linde e-driver controller, the perfect interface between truck and operator
  - Enables effortless one-handed operation
  - All controls grouped on the controller
  - Combines perfectly with 45° driving posture

- Workstation**
- Digital multifunction display
  - Truck access control by unique PIN code or by ignition key
  - Wide and deep storage compartments for wrapping paper, work gloves, writing utensils, etc.

- 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



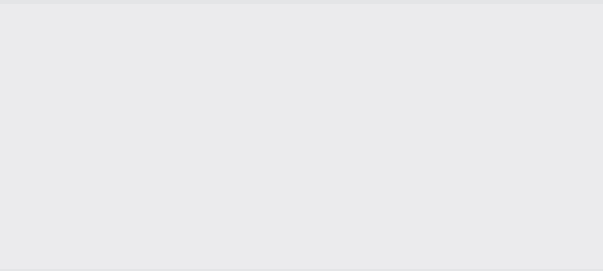
- Batteries and chargers**
- Lead Acid batteries from 3,5kWh to 7.1kWh (250-620Ah/2PzS-5PzS) with optional side (left and right) battery change
  - Li-ION batteries with 4,5kWh (205Ah) and 9,0 kWh (410Ah)
  - Fast full charge in 1h30min with optimized charger



- AC motor**
- Powerful, 3 kW drive motor
  - Moisture and dust proof motor is maintenance-free
  - The truck accelerates smoothly to 10 km/h in less than 5 metres
  - Power settings optional up to 12 km/h (SP)
  - Gradient performance 13% fully laden
  - No roll back on gradient starts
  - High torque motor negotiates loading docks with ease



- Power steering for comfort and safety**
- Self-centring, power assisted steering keeps truck on track in a straight line (SP)
  - Steering effort adjusts automatically to speed and turning radius
  - Speed is automatically reduced in relation to the steering angle
  - The result is effortless manoeuvring and safe, highly efficient load handling



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Subject to modification in the interest of progress. Illustrations and technical details could include options and not binding for actual constructions. All dimensions subject to usual tolerances.

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## Technical Data according to VDI 2198

Characteristics	1.1	Manufacturer		LINDE	LINDE	LINDE	LINDE
	1.2	Manufacturer's type designation		T20AP / [T20AP ION] <sup>1)</sup>	T25AP / [T25AP ION] <sup>1)</sup>	T20SP / [T20SP ION] <sup>1)</sup>	T25SP / [T25SP ION] <sup>1)</sup>
	1.2a	Series		131-07	131-07	131-07	131-07
	1.3	Power unit		Battery	Battery	Battery	Battery
	1.4	Operation		Pedestrian / Stand on	Pedestrian / Stand on	Pedestrian / Stand on	Pedestrian / Stand on
	1.5	Load capacity/Load	Q (t)	2.0	2.5	2.0	2.5
	1.6	Load centre	c (mm)	600	600	600	600
	1.8	Axle centre to fork face	x (mm)	895 / 962 <sup>2)</sup>	895 / 962 <sup>2)</sup>	895 / 962 <sup>2)</sup>	895 / 962 <sup>2)</sup>
	1.9	Wheelbase	y (mm)	1359 / 1425 <sup>2) 3)</sup>	1359 / 1425 <sup>2) 3)</sup>	1359 / 1425 <sup>2) 3)</sup>	1359 / 1425 <sup>2) 3)</sup>
Weights	2.1	Service weight	(kg)	780 [680] <sup>4) 1)</sup>	810 [721] <sup>4) 1)</sup>	810 [710] <sup>4) 1)</sup>	810 [751] <sup>4) 1)</sup>
	2.2	Axle load with load, front/rear	(kg)	1 1 0 3 / 1 6 7 7 [1021/1659] <sup>4) 1)</sup>	1 2 2 6 / 2 0 8 4 [1164/2057] <sup>4) 1)</sup>	1 1 3 3 / 1 6 7 7 [1051/1659] <sup>4) 1)</sup>	1 2 2 6 / 2 0 8 4 [1193/2058] <sup>4) 1)</sup>
	2.3	Axle load without load, front/rear	(kg)	637 / 143 [555 / 125] <sup>4) 1)</sup>	667 / 143 [589 / 132] <sup>4) 1)</sup>	667 / 143 [585 / 125] <sup>4) 1)</sup>	667 / 143 [618 / 133] <sup>4) 1)</sup>
Wheels/Tyres	3.1	Tyres rubber, SE, pneumatic, polyurethane		V+P/P <sup>5) 4)</sup>	V+P/P <sup>5) 4)</sup>	V+P/P <sup>5) 4)</sup>	V+P/P <sup>5) 4)</sup>
	3.2	Tyre size, front		Ø 254 x 102	Ø 254 x 102	Ø 254 x 102	Ø 254 x 102
	3.3	Tyre size, rear		Ø 85 x 105 (Ø85 x 80)	Ø 85 x 105 (Ø85 x 80)	Ø 85 x 105 (Ø85 x 80)	Ø 85 x 105 (Ø85 x 80)
	3.4	Auxiliary wheels (dimensions)		Ø 125 x 60	Ø 125 x 60	Ø 125 x 60	Ø 125 x 60
	3.5	Wheels, number front/rear (x = driven)		1x + 2 / 2 (2/4)	1x + 2 / 2 (2/4)	1x + 2 / 2 (2/4)	1x + 2 / 2 (2/4)
	3.6	Track width, front	b10 (mm)	544	544	544	544
	3.7	Track width, rear	b11 (mm)	355 / 375 / 395 / 515	355 / 375 / 395 / 515	355 / 375 / 395 / 515	355 / 375 / 395 / 515
Dimensions	4.4	Lift	h3 (mm)	125	125	125	125
	4.8	Height of seat/stand on platform	h7 (mm)	160	160	160	160
	4.9	Height of tiller arm in operating position, min/max	h14 (mm)	1103 / 1287	1103 / 1287	1160 / 1180	1160 / 1180
	4.15	Height, lowered	h13 (mm)	85	85	85	85
	4.19	Overall length	l1 (mm)	1847 / 2216 <sup>7)</sup>	1847 / 2216 <sup>7)</sup>	2274	2274
	4.20	Length to fork face	l2 (mm)	697 / 1066 <sup>7)</sup>	697 / 1066 <sup>7)</sup>	1124	1124
	4.21	Overall width	b1/b2 (mm)	790	790	790	790
	4.22	Fork dimensions	s/e/l (mm)	55 x 165 x 1150	55 x 165 x 1150	55 x 165 x 1150	55 x 165 x 1150
	4.25	Fork spread	b5 (mm)	520 / 540 / 560 / 680	520 / 540 / 560 / 680	520 / 540 / 560 / 680	520 / 540 / 560 / 680
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	30 / 155 <sup>8)</sup>	30 / 155 <sup>8)</sup>	30 / 155 <sup>8)</sup>	30 / 155 <sup>8)</sup>
	4.33	Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	2077 / 2414 [1927 / 2264] <sup>7) 9) 3)</sup>	2077 / 2414 [1927 / 2264] <sup>7) 9) 3)</sup>	2324 <sup>9) 3)</sup>	2324 <sup>9) 3)</sup>
	4.34	Aisle width with pallet 800 x 1200 along forks	Ast (mm)	2127 / 2464 <sup>7) 9) 3)</sup>	2127 / 2464 <sup>7) 9) 3)</sup>	2524 <sup>7) 9) 3)</sup>	2524 <sup>7) 9) 3)</sup>
	4.35	Turning radius	Wa (mm)	1622 / 1959 <sup>7) 3)</sup>	1622 / 1959 <sup>7) 3)</sup>	2019 <sup>3)</sup>	2019 <sup>3)</sup>
Performance	5.1	Travel speed, with/without load	(km/h)	10 / 10	10 / 10	12 / 12	12 / 12
	5.2	Lifting speed, with/without load	(m/s)	0.036 / 0.043	0.024 / 0.034	0.036 / 0.043	0.027 / 0.034
	5.3	Lowering speed, with/without load	(m/s)	0.064 / 0.06	0.065 / 0.06	0.064 / 0.06	0.065 / 0.06
	5.8	Maximum climbing ability, with/without load	(%)	13.0 / 20.0	11.0 / 20.0	13.0 / 20.0	11.0 / 20.0
	5.10	Service brake		Electric/hydraulic	Electric/hydraulic	Electric/hydraulic	Electric/hydraulic
Drive	6.1	Drive motor rating S2 60 min	(kW)	3	3	3	3
	6.2	Lift motor rating at S3 15%	(kW)	1	1	1	1
	6.3	Battery according to DIN 43531/35/36 A,B,C,no		43 535/B [Li-ION]	43 535/B [Li-ION]	43 535/B [Li-ION]	43 535/B [Li-ION]
	6.4	Battery voltage/rated capacity (5h)	(V/Ah)	24 / 250 [24 / 205] <sup>1)</sup>	24 / 250 [24 / 410] <sup>1)</sup>	24 / 250 [24 / 205] <sup>1)</sup>	24 / 250 [24 / 410] <sup>1)</sup>
	6.5	Battery weight (± 5%)	(kg)	212 [110]	212 [151]	212 [110]	212 [151]
	6.6	Power consumption according to VDI cycle	(kWh/h)	0.48	0.48	0.48	0.48
Drive/	8.1	Type of drive control		LAC	LAC	LAC	LAC
	8.4	Sound pressure level at the driver's seat	(dB(A))	< 70	< 70	< 70	< 70

- 1) Figures in [ ] with 10N battery see line 6.4
- 2) Forks upraised / lowered
- 3) 0 mm = 3 PzS lateral; <br> 100 mm = 3 PzS vertical and 4PzS lateral; <br> 150 mm = 4 PzS vertical; <br> 200 mm = 5 PzS vertical
- 4) Figures with battery, see line 6.4/6.5.
- 5) Drive Wheel Option: rubber non marking, Polyurethane and wet grip
- 6) Solid rubber + polyurethane / polyurethane
- 7) Platform raised/lowered.
- 8) min. / max.
- 9) Including a 200 mm (min.) operating aisle clearance.

