

Standard Equipment /Optional Equipment

Standard Equipment

Narrow chassis width 820mm	Drive wheel Polyurethane
Key switch or PIN Code access	Single load wheels Polyurethane
Multifunction coloured display as well as hourmeter, maintenance indication, battery discharge indicator and internal fault code indication	Lateral battery change 3PzS available with an ergonomic battery un/locking with lever & rollers (l2=820mm)
Power assisted steering	Width over fork carriage: 520mm, 540mm, 560mm & 680mm
Automatic speed reduction when cornering	Fork carriage length: 1000mm, 1150mm, 1600mm, 2400mm (overhang 188mm) and 2400mm (overhang 563mm)
ECO-Mode with up to 12% energy savings	Standard Fabric Seat
Drive wheel position mentioned in display	Protection -10°C
CAN bus technology	

Optional Equipment

Drive wheels: cushion rubber, synthetic cushion rubber non marking, wet grip	Mounting pole on left side for optional auxiliary items
Load wheels: greasable, tandem polyurethane or single polyurethane configuration	Mounting pole on right side for flashing beacon
Lateral battery change 4PzS available with ergonomic battery un/locking with lever & rollers (l2=920mm)	Support Clipboard DIN A4 & panoramic mirror
Leather seat & seat heating	Support data terminal incl. power supply cable 24V
Load backrests with h=1115mm and h=1875mm	Mobile or Fixed battery stand
Floor stability compensator	Automatic battery watering system
Speed reduction if forks lowered	Cold store protection -35°C

Li-ION technology	Li-ION batteries
Rapid full charge	Fits in 4 PzS SL compartment: 4,5kWh-9kWh (205Ah-410Ah)
Opportunity charging	Includes battery housing extra weight
Rapid intermediate charging	Li-ION charger
Maintenance free	Optimized 24V-Charger v255: full charging time 1h30min (4,5kWh) and 2h40min (9,0kWh)
Extended lifetime	
Efficient performance in Cold Store	
Side plug available	



Seated Rider Pallet Truck
Capacity 2,000 & 2,500 kg
T20 R, T25 R

Series 1154



Safety

The Linde Seated rider pallet truck is a multi-purpose truck designed for rapid load transfers & lorry loading /unloading. It is equipped with three independent braking systems; and a four point configuration ensures inherent stability. The operator is always safely within the chassis perimeter’s and the smooth chassis contours eliminate sharp edges. All the wheels pivot safely within the chassis frame.

Performance

The powerful high torque, 3 kW AC drive motor, offers speeds up to 12 km/h and capacities of 2,0t & 2,5t to fulfill medium distance pallet transfers. Smooth, rapid acceleration ensures superbly efficient productivity in loading/unloading and transfer applications. The electrical steering, allied with a slim 820mm chassis width enables excellent maneuverability in confined areas and loading ramps.

Comfort

The 90° seating position and a padded armrest provide an ergonomic working environment and intuitive access to all operating controls. Three seat adjustments and an adjustable floorplate to suit every operator’s preferences.

Features

Ergonomics

- Ergonomic-design operator compartment with seat adjustments
- Facilitated lateral battery change
- Metal handle with padded material for easy truck access
- Side-stance position 90° allows excellent visibility in both directions



Multiple seating options

- Standard fabric seat or leather seat available
- Seat heating available as option
- Three independent adjustments systems: backrest adjustable, length adjustable, weight adjustable for operator’s comfort
- Adjustable foot platform designed for easy truck access
- All controls easily accessible

Handling

- Chassis width b1 = 820mm
- Initial lift = 125mm
- Excellent manoeuvrability when operating in lorries and other confined spaces
- High seated position for excellent visibility
- Stable 4 point configuration
- Floor compensator option

TipControl®

- Traction, lift controls and horn are ergonomically integrated in one single control unit
- Enables precision, finger tip control
- Height adjustable hand support

Drive control and settings

- Steering torque automatically adjusts to traction speed and turning radius
- Traction speed automatically reduces in relation to the steering angle
- ECO-Mode up to 12% energy savings to finish shift with low battery status



Workstation

- Multifunctional instrument display with easy ergonomic menu. Truck access control by PIN code or ignition key
- Storage compartment for work gloves, writing utensils etc.
- Options: Support clipboard DIN A4, Flashing beacon. Panoramic mirror
- Preparation for data terminal
- Emergency isolator located for instant actuation



Comprehensive energy solutions

- 24V batteries: capacities from 345 Ah (3PzS) to 500 Ah (4PzS)
- Standard Lateral change including rollers inside the battery compartment to aid battery change
- Lever initiates battery change preventing direct contact
- Li-ION batteries with 4,5KWh(205Ah) and 9,0kWh(410Ah)
- Rapid full charge in 1h30min with optimized charger



AC drive motor

- Powerful, 3 kW maintenance-free AC drive motor
- Moisture and dust proof
- Maximum 15% gradient performance (laden)
- No roll back on gradient starts
- High torque motor negotiates loading docks with ease
- Motor cover swings out with operator seat



Technical Data according to VDI 2198

Characteristics	1.1	Manufacturer		LINDE	LINDE
	1.2	Manufacturer's type designation		T20R	T25R
	1.2a	Series		1154-01	1154-01
	1.3	Power unit		Battery	Battery
	1.4	Operation		Seat	Seat
	1.5	Load capacity/Load	Q (t)	2.0	2.5
	1.6	Load centre distance	c (mm)	600	800
	1.8	Axle centre to fork face	x (mm)	895 / 965 ¹⁾²⁾	1345 / 1415 ¹⁾²⁾
	1.9	Wheelbase	y (mm)	1552 / 1622 ¹⁾²⁾	2002 / 2072 ¹⁾²⁾
Weights	2.1	Service weight	(kg)	889 ³⁾⁴⁾	968 ³⁾⁴⁾
	2.2	Axle load with load, front/rear	(kg)	1049 / 1840 ³⁾⁴⁾	1429 / 2039 ³⁾⁴⁾
	2.3	Axle load without load, front/rear	(kg)	669 / 220 ³⁾⁴⁾	748 / 220 ³⁾⁴⁾
Wheels/Tyres	3.1	Tyres rubber, SE, pneumatic, polyurethane		V+P/P ⁵⁾	V+P/P ⁵⁾
	3.2	Tyre size, front		Ø 254 x 102	Ø 254 x 102
	3.3	Tyre size, rear		Ø 85 x 105 (2x Ø 85 x 80) ⁶⁾	Ø 85 x 105 (2x Ø 85 x 80) ⁶⁾
	3.5	Wheels, number front/rear (x = driven)		1x + 2 / 2 (1x + 2 / 4) ⁴⁾	1x + 2 / 2 (1x + 2 / 4) ⁴⁾
	3.6	Track width, front	b10 (mm)	541 ²⁾	541 ²⁾
	3.7	Track width, rear	b11 (mm)	395 ²⁾	395 ²⁾
	Dimensions	4.4	Lift	h3 (mm)	125 ²⁾
4.8		Height of seat/stand on platform	h7 (mm)	1024 ²⁾	1024 ²⁾
4.15		Height, lowered	h13 (mm)	88 ⁷⁾	88 ⁷⁾
4.19		Overall length	l1 (mm)	1970 ²⁾	2420 ²⁾
4.20		Length to fork face	l2 (mm)	820 ²⁾	820 ²⁾
4.21		Overall width	b1/b2 (mm)	820 ²⁾	820 ²⁾
4.22		Fork dimensions DIN ISO 2331	s/e/l (mm)	55 x 165 x 1150	55 x 165 x 1600
4.25		Fork spread	b5 (mm)	520/540/560/680 ²⁾	520/540/560/680 ²⁾
4.32		Ground clearance, centre of wheelbase	m2 (mm)	30 ⁸⁾	30 ⁸⁾
4.33		Load dimension b12 x l6	b12 x l6 (mm)	-	2x1200 x 800
4.34		Aisle width predetermined load dimensions	Ast (mm)	-	3856 ⁹⁾¹⁰⁾
4.34.1		Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	2200 ⁹⁾¹¹⁾	-
4.34.2		Aisle width with pallet 800 x 1200 along forks	Ast (mm)	2250 ⁹⁾	-
4.35		Turning radius	Wa (mm)	1745 / 1815 ¹⁾	2190 / 2260 ¹⁾
Performance	5.1	Travel speed, with/without load	(km/h)	10 / 12 ¹²⁾	10 / 12 ¹²⁾
	5.2	Lifting speed, with/without load	(m/s)	0.039 / 0.048 ⁴⁾	0.024 / 0.033 ⁴⁾
	5.3	Lowering speed, with/without load	(m/s)	0.077 / 0.078 ⁴⁾	0.074 / 0.053 ⁴⁾
	5.8	Maximum climbing ability, with/without load	(%)	15.0 / 20.0	12.0 / 20.0
	5.9	Acceleration time, with/without load	(s)	5.9 / 4.5	6.2 / 4.5
	5.10	Service brake		Electro-magnetic	Electro-magnetic
Drive	6.1	Drive motor rating S2 60 min	(kW)	3	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		43 535/B 3PzS [Li-ION (4PzS)]	43 535/B 3PzS [Li-ION (4PzS)]
	6.4	Battery voltage/rated capacity (5h)	(V)/(Ah)	24 / 345/375 [23/205] ¹³⁾	24 / 345/375 [23/205] ¹³⁾
	6.5	Battery weight (± 5%)	(kg)	287 [312] ¹³⁾	287 [312] ¹³⁾
	6.6	Power consumption according to VDI cycle	(kWh/h)	0.5	0.57
	6.7	Turnover output	(t/h)	144.0	162.0
	6.8	Energy consumption at turnover output	(kWh/h)	1.57	1.59
	8.1	Type of drive unit		LAC	LAC
	10.7	Sound pressure level LpAZ (at the driver's seat)	(dB(A))	68 ¹⁴⁾	71 ¹⁴⁾
1) Forks upraised / lowered 2) (± 5 mm) 3) Figures with battery, see line 6.4/6.5. 4) (± 10%) 5) Solid rubber + polyurethane / polyurethane 6) Figures in parenthesis with tandem load wheels. 7) (-0/+5 mm) 8) (± 2 mm) 9) Including a 200 mm (min.) operating aisle clearance. 10) With load: pallet 2x 800x1200 mm crosswise 11) With fork length 1150 mm 12) (± 5%) 13) Figures in [] with Li-ION battery see line 6.4 14) (± 2.5)					

