Standard Equipment /Optional Equipment

Standard Equipment

Narrow chassis width 820mm
Key switch or PIN Code access
Multifunction coloured display as well as hourmeter, maintenance indication, battery discharge indicator and internal fault code indication
Power assisted steering
Automatic speed reduction when cornering
ECO-Mode with up to 12% energy savings
Drive wheel position mentioned in display
CAN bus technology

Drive wheel Polyurethane
Single load wheels Polyurethane
Lateral battery change 3PzS available with an ergonomic battery un/locking with lever & rollers (l2=820mm)
Width over fork carriage: 520mm, 540mm, 560mm & 680mm
Fork carriage length: 1000mm, 1150mm, 1600mm, 2400mm (overhang 188mm) and 2400mm (overhang 563mm)
Standard Fabric Seat
Protection -10°C

Optional Equipment

Drive wheels: cushion rubber, synthetic cushion rubber non marking, wet grip
Load wheels: greasable, tandem polyurethane or single polyurethane configuration
Lateral battery change 4PzS available with ergonomic battery un/locking with lever & rollers (l2=920mm)
Leather seat & seat heating
Load backrests with h=1115mm and h=1875mm
Floor stability compensator
Speed reduction if forks lowered

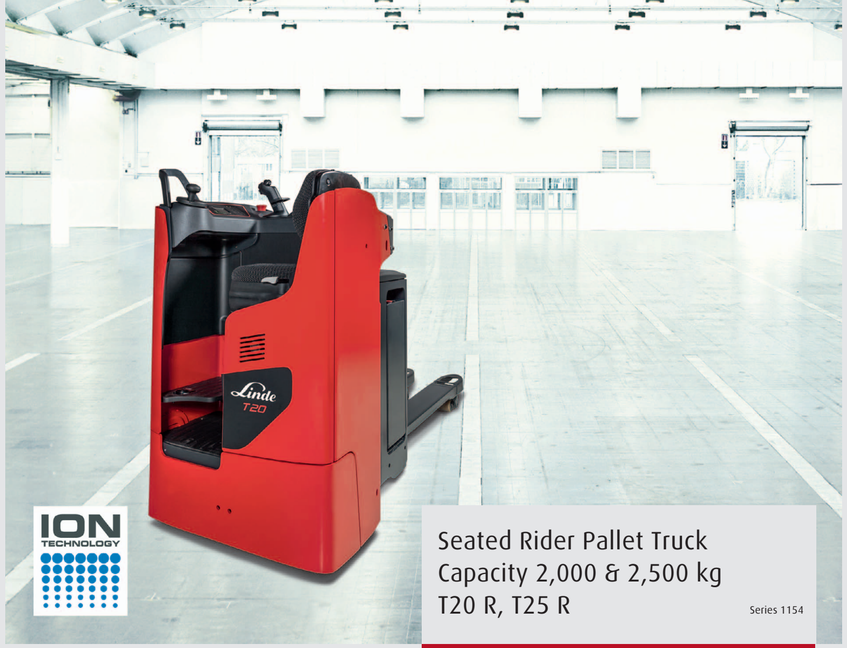
Mounting pole on left side for optional auxiliary items
Mounting pole on right side for flashing beacon
Support Clipboard DIN A4 & panoramic mirror
Support data terminal incl. power supply cable 24V
Mobile or Fixed battery stand
Automatic battery watering system
Cold store protection -35°C

Other options available on request

Li-ION technology
Rapid full charge
Opportunity charging
Rapid intermediate charging
Maintenance free
Extended lifetime
Efficient performance in Cold Store
Side plug available

Li-ION batteries
Fits in 4 PzS SL compartment: 4,5kWh-9kWh (205Ah-410Ah)
Includes battery housing extra weight

Li-ION charger
Optimized 24V-Charger v255: full charging time 1h30min (4,5kWh) and 2h40min (9,0kWh)



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

Series 1154

Linde Material Handling

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.

Reliability
Rugged construction and the use of tried and tested components ensure this a truck that can be relied on. Motor, subcomponents and electronics are all protected within the robust chassis structure. These features guarantee a longer operating life, delivering safe, efficient, and productive load handling.

Service
Efficiency at work and efficiency in servicing with cost effective maintenance routines. Easy access to all components and maintenance-free technology also play their part in increasing truck up-time and availability. CAN bus connectivity provides a computerised diagnostic system for rapid analysis to ensure maintenance intervals are also minimised.

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 manoeuverability 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 to12% 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

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Linde Material Handling

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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) [6)]	1x + 2 / 2 (1x + 2 / 4) [6)]
	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)]	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)