

Standard and Optional Equipment

Standard Equipment

- Display with hourmeter, maintenance indication, battery discharge indicator and internal fault code indication
- AC Motor
- Linde LAC controller
- CAN-Bus architecture
- Electromagnetic brake
- Automatic parking brake
- Cushion rubber drive wheel
- Tandem polyurethane load wheels
- Fork length: 1150 mm
- Width over forks: 560 mm
- Cold store protection to -10°C
- Vertical 2PzS battery change
- Horn
- Creep speed control (T20P)
- Folded platform

Optional Equipment

- Drive wheels: polyurethane, non marking polyurethane
- Creep speed control (T16P)
- Side 2PzS battery change
- Alternative fork lengths and widths
- Fleet management LFMaccess and LFMbasic
- Cold store protection to -35°C
- Automatic battery watering system
- Foldable side guard

Other Options Available on Request



Electric Pallet Truck T16P, T20P 1600, 2000kg

Series 1151-02

Linde Material Handling

Linde

Safety

The three-way braking systems ensure higher safety. The lower chassis is rounded in shape and low to the ground protecting the operator's feet whilst the hand guards of the tiller head effectively shield his hands. side guard (option) protects driving safety.

Performance

The combination of a new AC motor and Linde LAC digital control makes these pallet trucks highly efficient. Operating parameters can be adjusted to match any application. When additional performance is needed, a booster effect automatically provides higher torque. You also can fold the platform during long distance transport.

Comfort

All controls on the ergonomic tiller can be easily operated by either hand. An innovative creep speed button offers utmost manoeuvrability in confined areas. Finished in tactile materials, these trucks deliver effortless, smooth load handling to deliver greater productivity.

Reliability

Despite their visual appeal, these pallet trucks are rugged and durable. Light, warm and robust at the same time the tiller out of Grivory® material ensures a highly resistant trucks interface. The sturdiness motor cover protects the technical compartment. In addition, the fork tips which each withstands 2,000kg contribute to a long, trouble-free life.

Service

It is not just about the truck in operation: a maintenance-free AC motor maximises uptime reducing operating costs. All truck data is immediately and easy accessible to the service engineer via the CAN-Bus architecture. Fast, easy access to all internal components ensures service tasks are completed with a minimum of delay.

Features

AC motor

- Powerful, smooth-running AC motor, 1.2kw (at 100% output)
- Traction speed adjustable up to 6km/h, laden or unladen
- No roll-back on hill starts
- Gradient performance: 24% unladen, 10% with 2t load



Working station & Display

- Wide, deep storage compartment for shrink wrap, pens, work gloves etc.
- Multifunctional display as standard with hourmeter, maintenance indication, battery discharge indicator, fault code indication



Braking system

- Highly efficient electromagnetic brake applied by moving the tiller to fully up or down position
- Automatic braking on releasing traction butterfly or reversing direction
- Truck slows before coming to a stop, remaining under total control at all times



Tiller & Tiller head

- The ergonomic Grivory® material ensures effortless operation
- Wrap-around hand protection
- Comfortable controls, operable with either hand and gloves
- All main control functions integrated in the one handle for operation by either hand or both



Maintenance and CAN-Bus architecture

- Zero maintenance, moisture and dust-proof
- AC motor
- CAN-Bus architecture enables fast, easy access to all truck data
- Individually adjustable parameters via diagnostic plug

Subject to modification in the interests of progress. Illustration and technical details not binding for actual constructions and may show the optional equipments.

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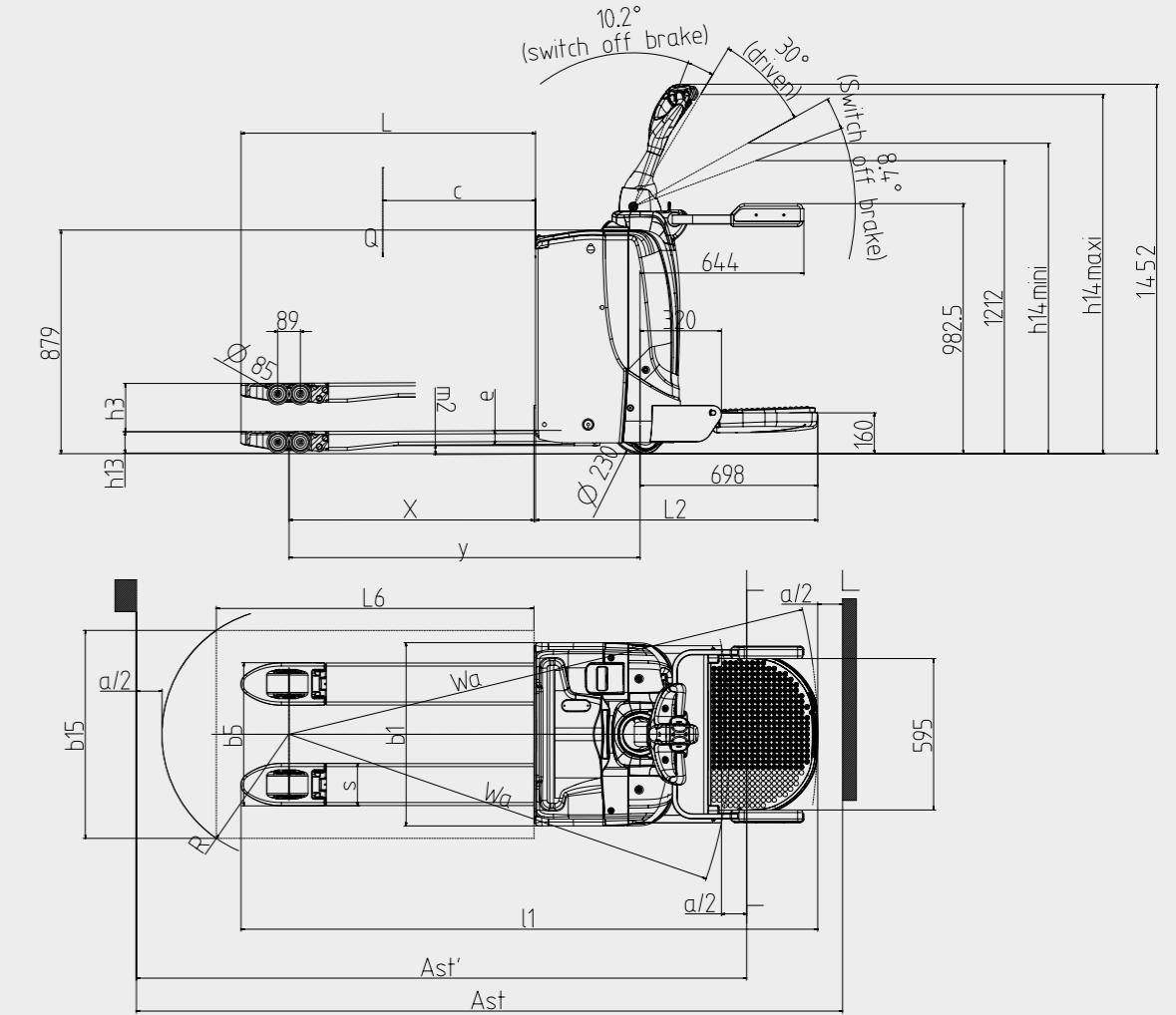
Linde Material Handling

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Technical Data

Characteristics	1.1	Manufacturer	Linde	Linde	
	1.2	Model designation	T16P	T20P	
	1.3	Power unit	Battery		
	1.4	Operation	Pedestrian/Rider stand		
	1.5	Load capacity	Q(kg)	1600	2000
	1.6	Load centre	c(mm)	600	600
	1.8	Axle centre to fork face	x(mm)	890/962 ¹⁾²⁾	890/962 ¹⁾²⁾
	1.9	Wheelbase	y(mm)	1312/1378 ¹⁾²⁾	1312/1378 ¹⁾²⁾
	Weights	2.1	Service weight	kg	650 ³⁾
2.2		Axle load with load, drive/load side	kg	945/1305 ³⁾	1045/1605 ³⁾
2.3		Axle load without load drive/load side	kg	525/125 ³⁾	525/125 ³⁾
Wheels	3.1	Tyre, operator/load side	R+PU/PU ⁴⁾		
	3.2	Tyre size, drive side	mm	230x75	230x75
	3.3	Tyre size, load side	mm	2x85x100	2x85x100
	3.4	Auxiliary wheel, size	mm	125x40	125x40
	3.5	Wheels number, drive/load side (x=driven)	1X+2/4		
	3.6	Track width, drive side	mm	482 ¹⁾	482 ¹⁾
	3.7	Track width, load side	mm	355/395/515 ¹⁾	355/395/515 ¹⁾
Dimensions	4.4	Lift	h3(mm)	125 ¹⁾	125 ¹⁾
	4.9	Height of tiller arm in operation position, min./max.	h14(mm)	1220/1410	1220/1410
	4.15	Fork height, lowered	h13(mm)	85	85
	4.19	Overall length	l1(mm)	1922/2264 ¹⁾⁵⁾⁶⁾	1922/2264 ¹⁾⁵⁾⁶⁾
	4.20	Length to fork face	l2(mm)	772/1109 ¹⁾⁵⁾⁶⁾	772/1109 ¹⁾⁵⁾⁶⁾
	4.21	Overall width	b1/b2(mm)	720 ¹⁾	720 ¹⁾
	4.22	Fork dimensions	s/e/l(mm)	55x165x1150	55x165x1150
	4.25	Fork spread, min./max.	b5(mm)	520/560/680 ¹⁾	520/560/680 ¹⁾
	4.32	Ground clearance, center of wheelbase	m2(mm)	161/36 ²⁾	161/36 ²⁾
	4.33	Aisle width, 1000x1200mm pallet crosswise	Ast(mm)	2488/2829 ⁵⁾⁶⁾	2488/2829 ⁵⁾⁶⁾
4.34	Aisle width, 800x1200mm pallet lengthwise	Ast(mm)	2554/2895 ⁵⁾⁶⁾	2554/2895 ⁵⁾⁶⁾	
4.35	Turning radius(platform folded)	Wa(mm)	1670/1734 ²⁾⁵⁾	1670/1734 ²⁾⁵⁾	
4.36	Turning radius(platform lowered)	Wa(mm)	2010/2075 ²⁾⁵⁾	2010/2075 ²⁾⁵⁾	
Performances	5.1	Travel speed, with/without load	km/h	6.0/6.0	6.0/6.0
	5.2	Lift speed, with/without load	m/s	0.035/0.044	0.034/0.044
	5.3	Lower speed, with/without load	m/s	0.065/0.062	0.07/0.06
	5.8	Maximum climbing ability, with/without load	%	12.4/20	9.5/20
	5.9	Acceleration time, with/without load	s	10.1/8.4	10.1/8.4
Drive	6.1	Drive motor output (60 min. rating)	kw	1.2	1.2
	6.2	Lift motor output (15% rating)	kw	1.0	1.2
	6.3	Battery according to DIN 43 531/35/36A, B, C, no	DIN 43535/2PZs		DIN 43535/2PZs
	6.4	Battery voltage/rated capacity (5h)	V/Ah	24/250	24/250
	6.5	Battery weight (± 5%)	kg	210	210
	6.6	Power consumption according to VDI cycle	kWh/h	0.4	0.4
Others	8.1	Type of Drive control	LAC		
	8.2	Sound level at driver's ear	dB(A)	<70	<70

Figures for standard version may vary when optional equipment is fitted
 1) (±5mm)
 2) Forks upraised / lowered
 3) (±10)
 4) Solid rubber+polyurethane/ polyurethane
 5) See dimensions with alternative batteries
 6) With platform folded/lowered



$$Ast = Wa - x + L6 + a$$

Safety clearance a = 200 mm