Linde Material Handling

PEDESTRIAN PALLET STACKER L14 C

CAPACITY 1400 KG | SERIES 1169-01

Safety
The hand guards of the off-centred tiller head effectively shield hands and keep the operator safely within the truck's contours with excellent visibility through the mast. The long, low mounted tiller arm places the operator at a safe yet comfortable working distance. The L14C also features an effective parking brake to hold the truck safely on slopes.

Performance
Equipped with a mechanical steering the L14C is the ideal truck for carrying out a variety of tasks such as medium lift storage / retrieval. Operating parameters can be adjusted to match any application. The OptiLift mast control assures accurate, fully proportional lifting as well as smooth and quiet operation.

Comfort
All controls on the ergonomic tiller head can be easily operated by either hand. Proportional speed automatically alters traction speed in relation to the truck / operator distance. A Creep speed button offers utmost manoeuvrability in confined areas.

Reliability
The material of the motor cover has been selected to protect components effectively and to be long lasting for an extended service life. The mast channels are made from high grade rolled steel sections for strength and durability. The robust chassis and cast steel rear skirt ensure a long service life.

Productivity
A maintenance-free AC motor maximises uptime, reducing operating costs. All truck data is immediately and easily accessible to the service engineer via CAN-bus architecture. Fast, easy access to all internal components ensures service tasks are completed with a minimum of delay.

TECHNICAL DATA

ACCORDING TO VDI 2198

Characteristics	1.1	Manufacturer			LINDE
	1.2	Model designation			L14C
	1.3	Power unit			Battery
	1.4	Operation			Pedestrian
	1.5	Load capacity	Q (kg)		1400
	1.6	Load center	c (mm)		600
	1.8	Axle centre to fork face (fork raised/lowered)	x (mm)		665 [1]
	1.9	Wheelbase (fork raised/lowered)	y (mm)		1245 [1]
Weight	2.1	Service weight (with battery item 6.5)	kg		1020 [2]
	2.2	Axle load with load, drive/load side	kg		880/1525
	2.3	Axle load without load drive/load side	kg		700/320 [2]
Wheels and types	3.1	Tyre, operator/load side: Rubber (R), polyurethane (PU)			R+PU/PU
	3.2	Tyre size, drive side	mm		230x75
	3.3	Tyre size, load side	mm		2x85x80
	3.4	Auxiliary wheel, size	mm		140x54
	3.5	Wheels number, drive/laod side (x=driven)			1X+1/4
	3.6	Track width, drive side	b_{10} (mm)		518 [1]
	3.7	Track width, load side	b_{11} (mm)		380 [1]
Dimensions	4.2	Height of mast, lowered	h_1 (mm)		1990 [1]
	4.3	Free lift	h_2 (mm)		150 [1]
	4.4	Lift height	h_3 (mm)		2924 [1]
	4.5	Height of mast, extended	h_4 (mm)		3452 [1]
	4.6	Initial lift	h_5 (mm)		-
	4.9	Height of tiller am in operation position, min./max.	h_{14} (mm)		840/1255
	4.15	Fork height, lowered	h_{13} (mm)		85
	4.19	Overall length	l_1 (mm)		1911 [1]
	4.2	Length to fork face	l_2 (mm)		758 [1]
	4.21	Overall width	b_1/b_2 (mm)		800 [1]
	4.22	Fork dimensions	s/e/l (mm)		180x60x1150
	4.24	Width of fork carriage	b_3 (mm)		780
	4.25	Fork spread, min./max.	b_5 (mm)		560
	4.32	Ground clearance, center of wheelbase	m_2(mm)		30
	4.33	Aisle width, 1000x1200mm pallet crosswise	A_{st} (mm)		2451 [5]
	4.34	Aisle width, 800x1200mm pallet lengthwise	A_{st} (mm)		2432 [2] [5]
	4.35	Turning radius (fork raised)	W_a (mm)		1564 [5]
Performance	5.1	Travel speed, with/without load	km/h		6.0/6.0 [7]
	5.2	Lift speed, with/without load	m/s		0.14/0.28
	5.3	Lower speed, with/without load	m/s		0.25/0.21 [2]
	5.8	Maximum climbing ability, with/without load, 5min. rating	%		5/10
	5.9	Acceleration time, with/without load	s		7.9/7.2
	5.10	Service brake			Electro-magnetic
Drive	6.1	Drive motor output (60min.rating)	kw		1.2
	6.2	Lift motor output (15% rating)	kw		2.45
	6.3	Battery according to DIN 43 531/35/36 A, B, C, no			DIN 43531/35/36 A, B, C, no
	6.4	Battery voltage/rated capacity (5h)	V/Ah		24/225
	6.5	Battery weight (± 5%)	kg		206
	6.6	Power consumption according to VDI cycle	kWh/h		1
Others	8.1	Type of drive control			LAC
	8.4	Sound level at driver's ear	dB(A)		65

Figures for standard version may vary when options equipment is fitted

[1] (± 5mm)

[2] (± 10%)

[3] Solid rubber + polyurethane/polyurethane

[4] (Calculated with the VDI guidelines 3579)

[5] With creep speed = tiller in vertical position

[6] Standard truck without creep speed

[7] (± 5%)

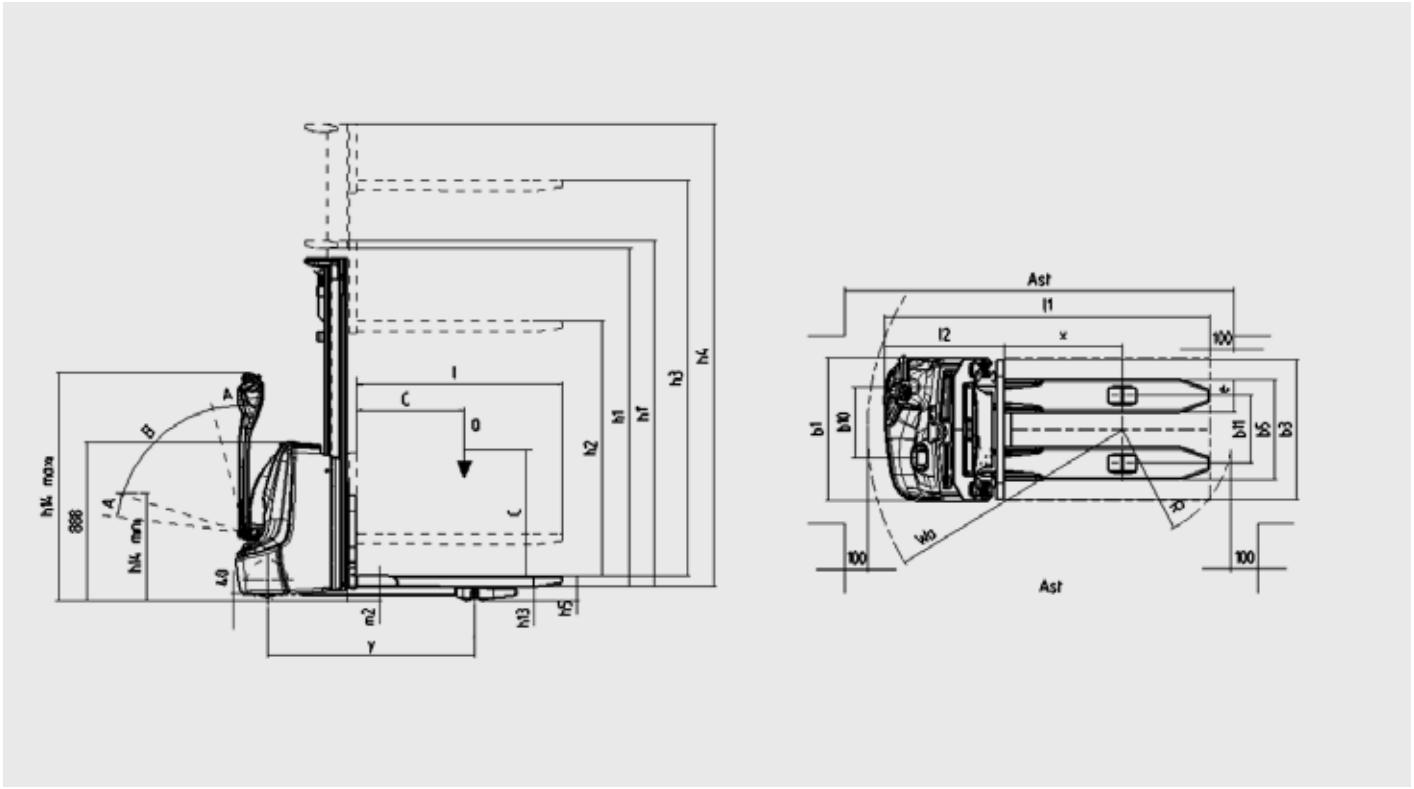
STANDARD EQUIPMENT / OPTIONAL EQUIPMENT

STANDARD EQUIPMENT

- Mechanical steering
- 6 km / h travel speed
- AC maintenance-free drive motor
- Storage compartments
- Multifunction display with hourmeter, battery discharge indicator
- Key switch
- Electromagnetic brake
- Automatic parking brake
- Cushion rubber drive wheel
- Tandem polyurethane load wheels
- Fork: 1150 x 560 mm
- Vertical battery change 3 pzsB
- Belly switch on tiller head

OPTIONAL EQUIPMENT

- Drive wheels: polyurethane
- Load wheels: single polyurethane
- Alternative fork lengths and widths
- Forks: 680 x 1150
- Creep speed



Mast type L14C	1924S	2424S	2924S	3324S	3824S	4224S	2924D	4266T
Lift	1924	2424	2924	3324	3824	4224	2924	4266
Lift + fork height	2010	2510	3010	3410	3910	4310	3010	4352
Height, mast retracted	1490	1740	1990	2190	2440	2640	1915	1915
Height, mast extended	2452	2952	3452	3852	4352	4752	3452	4852
Free lift	150	150	150	150	150	150	1462	1379

FEATURES

Braking system
→ Two position mechanical brake: tiller arm at vertical and horizontal position
→ End-of-stroke resistance: avoids accidental and abrupt braking
→ Auto brake after releasing the butterfly button
→ Emergency brake
→ Anti-collision belly switch

Lifting system
→ Optilift mast control provides accurate, fully proportional lifting as well as smooth and quiet operation
→ Wide range of mast options available

Chassis
→ Compact, rounded shape avoids snagging
→ Highly resistant, robust steel construction
→ Low chassis skirt protects operator's feet

AC motor
→ Powerful, smooth-running 1.2 kW AC motor
→ Travel speed 6 km/h with or without load
→ No roll back when starting on ramp

Tiller and tiller head
→ Long tiller with low mounting point provides a large safety clearance between operator and chassis
→ Wrap-around hand protection
→ Comfortable controls, operable with either hand and gloves

Working station and display
→ Wide, deep storage compartment for shrink wrap, pens, markers etc
→ Multifunction display with hourmeter, battery discharge indicator
→ Durable and long lasting motor and battery cover

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 plus
→ Rapid and convenient access to main components via front service panel

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