



## Cahier des charges : Achat d'un Gerbeur électrique

CLSB

Date : 23/03/2021

Description générale du projet/objectifs :

Remplacement du Gerbeur transféré aux ateliers d'extrusion et poudrage,  
Désignation des gerbeurs par atelier pour éliminer les contaminations croisées

Spécifications techniques			
Désignation	Caractéristiques	Dimensions	Quantité
Gerbeur électrique	Capacité > 1300 Kg Hauteur avec mat levé : 1.5 m		1

Visa Demandeur	Visa Chef Hiérarchique	Visa Manager Travaux Neufs
		





# 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 <sup>1)</sup>
	1.9	Wheelbase (fork raised/lowered)	y (mm)	1245 <sup>1)</sup>
	2.1	Service weight (with battery item 6.5)	kg	1020 <sup>2)</sup>
Weight	2.2	Axle load with load, drive/load side	kg	880 / 1525
	2.3	Axle load without load drive/load side	kg	700 / 320 <sup>2)</sup>
Wheels and types	3.1	Tyre, operator/load side: Rubber (R), polyurethane (PU)		R + PU / PU
	3.2	Tyre size, drive side	mm	230 x 75
	3.3	Tyre size, load side	mm	2 x 85 x 80
	3.4	Auxiliary wheel, size	mm	140 x 54
	3.5	Wheels number, drive/load side (x = driven)		1X + 1/4
	3.6	Track width, drive side	b <sub>3</sub> (mm)	518 <sup>1)</sup>
	3.7	Track width, load side	b <sub>11</sub> (mm)	380 <sup>1)</sup>
Dimensions	4.2	Height of mast, lowered	h <sub>1</sub> (mm)	1990 <sup>1)</sup>
	4.3	Free lift	h <sub>2</sub> (mm)	150 <sup>1)</sup>
	4.4	Lift height	h <sub>3</sub> (mm)	2924 <sup>1)</sup>
	4.5	Height of mast, extended	h <sub>4</sub> (mm)	3452 <sup>1)</sup>
	4.6	Initial lift	h <sub>5</sub> (mm)	-
	4.9	Height of tiller arm in operation position, min./max.	h <sub>4</sub> (mm)	840 / 1255
	4.15	Fork height, lowered	h <sub>9</sub> (mm)	85
	4.19	Overall length	l <sub>1</sub> (mm)	1911 <sup>1)</sup>
	4.2	Length to fork face	l <sub>2</sub> (mm)	758 <sup>1)</sup>
	4.21	Overall width	b <sub>1</sub> /b <sub>2</sub> (mm)	800 <sup>1)</sup>
	4.22	Fork dimensions	s/e/l (mm)	180 x 60 x 1150
	4.24	Width of fork carriage	b <sub>1</sub> (mm)	780
	4.25	Fork spread, min./max.	b <sub>2</sub> (mm)	560
	4.32	Ground clearance, center of wheelbase	m <sub>0</sub> (mm)	30
	4.33	Aisle width, 1000 x 1200 mm pallet crosswise	A <sub>x</sub> (mm)	2451 <sup>3)</sup>
Performance	4.34	Aisle width, 800 x 1200 mm pallet lengthwise	A <sub>y</sub> (mm)	2432 <sup>2) 3)</sup>
	4.35	Turning radius (fork raised)	W <sub>0</sub> (mm)	1564 <sup>3)</sup>
	5.1	Travel speed, with/without load	km/h	6.0 / 6.0 <sup>2)</sup>
	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 <sup>2)</sup>
	5.8	Maximum climbing ability, with/without load, 5 min. rating	%	5 / 10
	5.9	Acceleration time, with/without load	s	7.9 / 7.2
	5.10	Service brake		Electro-magnetic
	6.1	Drive motor output (60 min. rating)	kw	1.2
	6.2	Lift motor output (15 % rating)	kw	2.45
Drive	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 (Sh)	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

<sup>1)</sup> (± 5 mm)

<sup>2)</sup> (± 10 %)

<sup>3)</sup> Solid rubber - polyurethane/polyurethane

<sup>4)</sup> (Calculated with the VDI guidelines 3579)

<sup>5)</sup> With creep speed = tiller in vertical position

<sup>6)</sup> Standard truck without creep speed

<sup>7)</sup> (± 5 %)







# 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

## Chassis

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



## 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



## Lifting system

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

## 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



## 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

Presented by:

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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