Autopilot lowlifter truck 2.4 ton

BT autopilot

LAE240













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Autopilot lowlifter truck

Specifications					LAE240
Identification	1.1	Manufacturer			BT
	1.2	Model			LAE240
	1.3	Drive			Electric
	1.4	Operator type			Pedestrian
	1.5	Load capacity/rated load	Q	kg	2400
	1.6	Load centre	c	mm	600
	1.8	Load distance, centre of support arm wheel to face of forks	x	mm	980
	1.9	Wheelbase	y	mm	1363
Weight	2.1	Service weight without battery		kg	670
	2.2	Axle load, with load, drive/castor/fork wheel		kg	835/449/2160
	2.3	Axle load, without load, drive/castor/fork wheel		kg	459/370/212
Wheels	3.1	Drive/castor/fork wheel			Vulkollan
	3.2	Wheel size, front		mm	Ø 250
	3.3	Wheel size, rear		mm	Ø 85x75 [1]
	3.4	Additional wheels (dimensions)		mm	Ø 150 x 50
	3.5	Wheels, number front/rear (x=driven wheels)			2-1x/4
	3.6	Track width, front	b_{10}	mm	547
	3.7	Track width, rear	b_{11}	mm	370
Dimensions	4.4	Lift	h_3	mm	140
		Lift height	h_{23}	mm	225
	4.8	Stand height	h_7	mm	230
	4.9	Height of tiller in drive position, min./max.	h_{14}	mm	1085/1450
	4.15	Height, fork lowered	h_{13}	mm	85
		Total height with scanner	h_{20}	mm	2245
		Laser scanner beamer height	h_{21}	mm	2222
	4.19	Overall length, with platform up	l_1	mm	2180
	4.20	Length to face of forks, with platform up	l_2	mm	970
	4.21	Overall width	b_1	mm	790
	4.22	Fork dimensions	s/e/l	mm	78/180/1200
	4.25	Width over forks	b_5	mm	550
	4.32	Ground clearance, centre of wheelbase	m_1	mm	55
	4.34	Aisle width for pallets 800x1200 lengthways, with platform up	A_{st}	mm	2499
	4.35	Turning radius	W_a	mm	1939
Performance data	5.1	Travel speed, with/without load		km/h	6,0/6,0
	5.2	Lift speed, with/without load		m/s	0,04/0,06
	5.3	Lowering speed, with/without load		m/s	0,04/0,04
	5.8	Max. gradeability, with/without load		%	8/11 [2]
	5.10	Service brake			Electric
Electric motor	6.1	Drive motor rating S2 60 min		kW	2,5
	6.2	Lift motor rating at S3 10%		kW	2,2
	6.4	Battery voltage/nominal capacity K_5		V/Ah	24/450
	6.5	Battery weight		kg	380
Oth-ers	8.1	Type of drive control			BT Powerdrive
	8.4	Sound level at the driver's ear acc to EN12 053		dB(A)	58

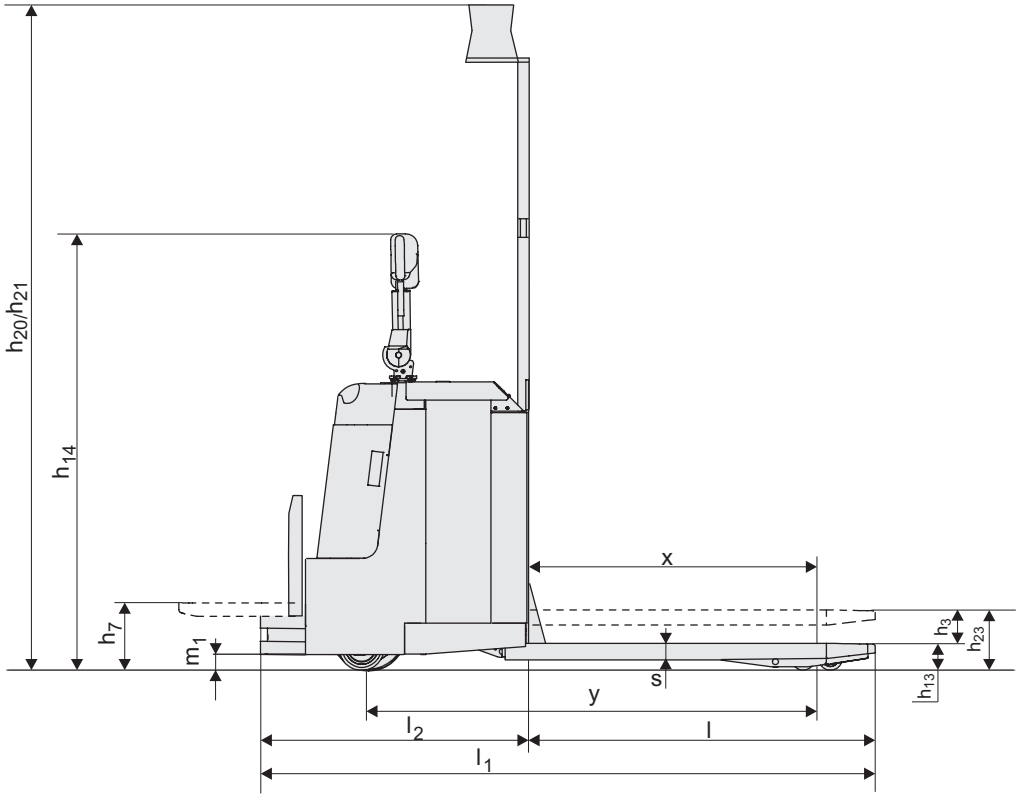
1) Single wheels up to and including l = 1450 mm
2) Measured according to company standard
Data is based on standard battery compartment, medium size, l = 1200 mm

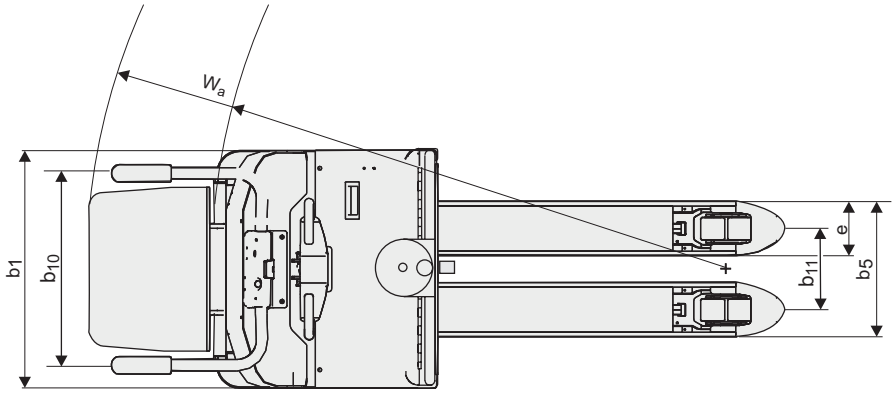
All data are based on table configuration. Other configurations may give other values.
Truck performance and dimensions are nominal and subject to tolerances.
Specifications are subject to change without notice.

Battery dependent dimensions

BT autopilot

Dimensions		LAE240			
		Battery compartment		Medium	Large
1.9	Wheelbase, fork raised	y	mm	1363	1449
4.19	Overall length with platform up	l_1	mm	2094	2180
4.20	Length to face of forks with platform up	l_2	mm	893	970
4.34	Aisle width for pallets 800x1200, with platform up/down	A_{st}	mm	2416	2499
4.35	Turning radius with platform up	W_a	mm	1853	1939
6.4	Battery voltage, nominal capacity K_5		V/Ah	24/300-465	24/300-620
6.5	Battery weight, min.—max.		kg	250—380	280—500





Truck features:

- BT Powerdrive System
- Powertrak traction system
- Information display
- Electronic braking system
- Electronic regenerative brakes
- Driver detection system
- Sideways battery change

TP-Technical Publications, Sweden — 746906-040, version 1, 1104

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