

# Autopilot lowlifter truck 2.4 ton

**BT autopilot**  
LAE240



# 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	1569
	Weight	2.1	Service weight without battery		kg
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 <sup>1)</sup>
	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 <sub>10</sub>	mm	547
	3.7	Track width, rear	b <sub>11</sub>	mm	370
Dimensions	4.4	Lift	h <sub>3</sub>	mm	140
		Lift height	h <sub>23</sub>	mm	225
	4.8	Stand height	h <sub>7</sub>	mm	230
	4.9	Height of tiller in drive position, min./max.	h <sub>14</sub>	mm	1085/1450
	4.15	Height, fork lowered	h <sub>13</sub>	mm	85
		Total height with scanner	h <sub>20</sub>	mm	2245
		Laser scanner beamer height	h <sub>21</sub>	mm	2222
	4.19	Overall length, with platform up	l <sub>1</sub>	mm	2180
	4.20	Length to face of forks, with platform up	l <sub>2</sub>	mm	970
	4.21	Overall width	b <sub>1</sub>	mm	790
	4.22	Fork dimensions	s/e/l	mm	78/180/1200
	4.25	Width over forks	b <sub>5</sub>	mm	550
	4.32	Ground clearance, centre of wheelbase	m <sub>1</sub>	mm	55
	4.34	Aisle width for pallets 800x1200 lengthways, with platform up	A <sub>st</sub>	mm	2499
4.35	Turning radius	W <sub>a</sub>	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 <sup>2)</sup>
	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 <sub>s</sub>		V/Ah	24/450
	6.5	Battery weight		kg	380
Others	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.

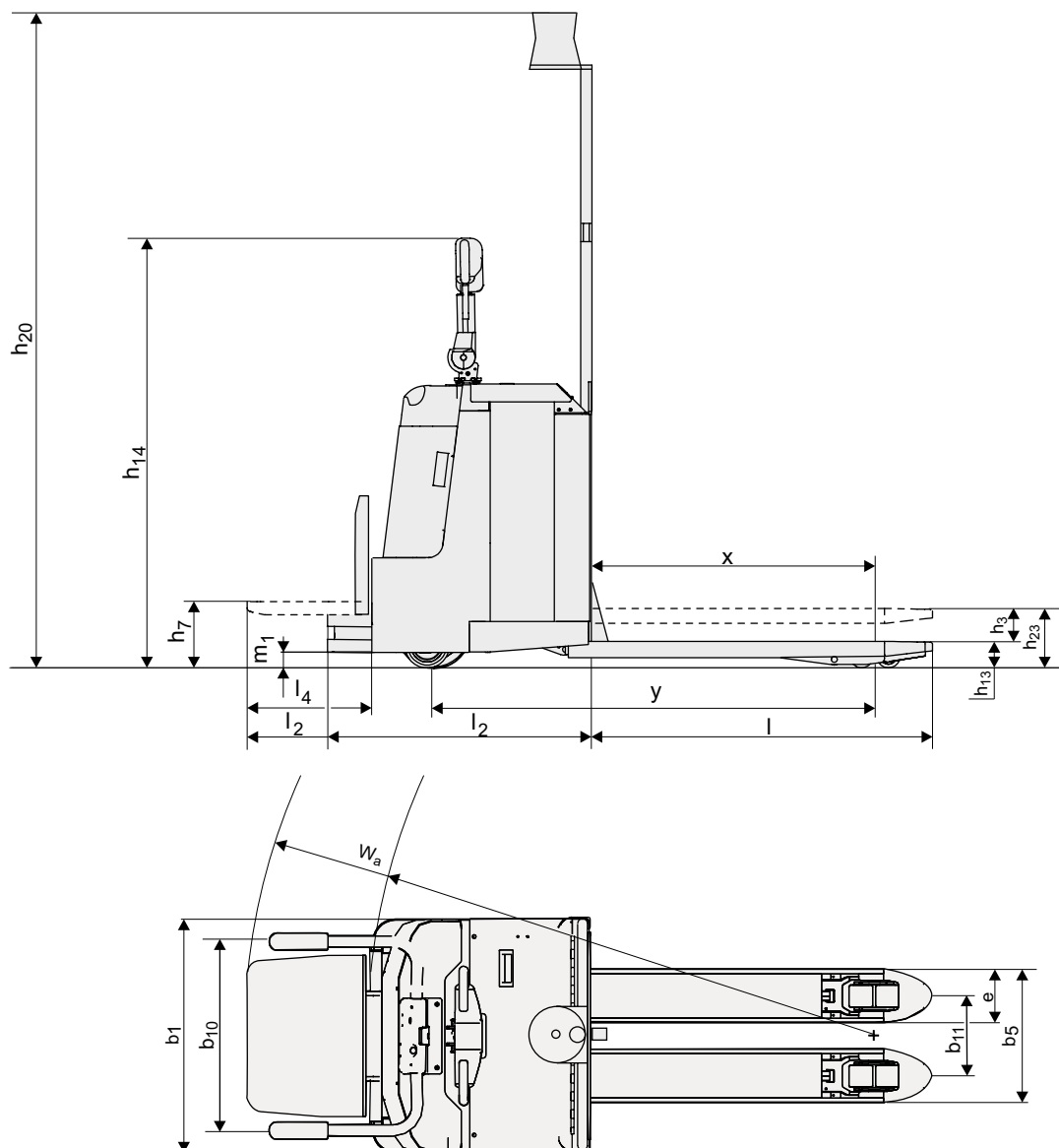
Truck performance and dimensions are nominal and subject to tolerances.

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 $K_s$		V/Ah	24/300-465	24/300-620
6.5	Battery weight, min.—max.		kg	250—380	280—500



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## Truck features:

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

