

Autopilot lowlifter truck 2.0 ton

BT levio
AUTOPILOT
LAE200



Autopilot lowlifter truck

Specifications					LAE200
Identification	1.1	Manufacturer			BT
	1.2	Model			LAE200
	1.3	Drive			Electric
	1.4	Operator type			Pedestrian
	1.5	Load capacity/rated load	Q	kg	2000
	1.6	Load centre	c	mm	1200
	1.8	Load distance, centre of support arm wheel to face of forks	x	mm	881
	1.9	Wheelbase	Y	Mm	1583
	Weight	2.1	Service weight without battery		kg
2.2		Axle load, with load, drive/castor/fork wheel		kg	372/1221/1930
2.3		Axle load, without load, drive/castor/fork wheel		kg	368/794/357
Wheels	3.1	Drive/castor/fork wheel			Powerfriction/Vulkollan/Vulkollan
	3.2	Wheel size, front		mm	Ø 214
	3.3	Wheel size, rear		mm	Ø 85 x 75
	3.4	Additional wheels (dimensions)		mm	Ø 125 x 50
	3.5	Wheels, number front/rear (x=driven wheels)			1x+2/2
	3.6	Track width, front	b ₁₀	mm	640
	3.7	Track width, rear	b ₁₁	mm	388
Dimensions	4.4	Lift	h ₃	mm	113
		Lift height	h ₂₃	mm	183
	4.9	Height of tiller in drive position, min./max.	h ₁₄	mm	1435/1560
	4.15	Height, fork lowered	h ₁₃	mm	90
		Total height with scanner	h ₂₀	mm	2374
		Laser scanner beamer height	h ₂₁	mm	2342
	4.19	Overall length	l ₁	mm	2277
	4.20	Length to face of forks	l ₂	Mm	1076
	4.21	Overall width	b ₁	Mm	910
	4.22	Fork dimensions	s/e/l	Mm	70/180/1200
	4.25	Width over forks	b ₅	Mm	550
	4.26	Distance between support arms	b ₄	mm	247
	4.32	Ground clearance, centre of wheelbase	m ₁	mm	24
	4.33	Aisle width for pallets 1000 x 1200 crossways	A _{st}	mm	2770
	4.34	Aisle width for pallets 800x1200 lengthways	A _{st}	mm	2670
4.35	Turning radius	W _a	mm	1958	
Performance data	5.1	Travel speed, with/without load		km/h	6,0/6,0
	5.1.1	Travel speed, with/without load, backwards		km/h	6,0/6,0
	5.2	Lift speed, with/without load		m/s	0,07/0,11
	5.3	Lowering speed, with/without load		m/s	0,07/0,09
	5.8	Max. gradeability, with/without load ¹⁾		%	12/10
	5.10	Service brake			Electromagnetic
Electric motor	6.1	Drive motor rating S2 60 min		kW	1,7
	6.2	Lift motor rating at S3 10%		kW	3,0
	6.4	Battery voltage/nominal capacity K ₅		V/Ah	24/425-602
	6.5	Battery weight		kg	370
Others	8.1	Type of drive control			BT Powerdrive
	8.4	Sound level at the driver's ear acc to EN12 053		dB(A)	

1) Measured according to company standard.

All data are based on table configuration. Other configurations may give other values.

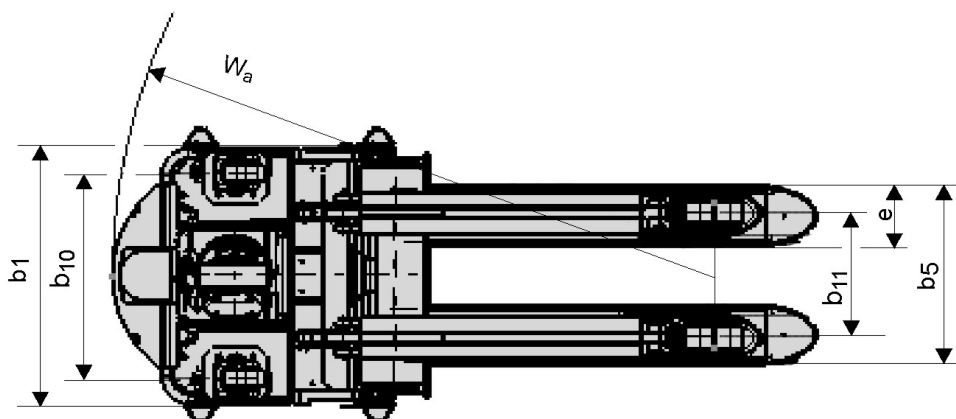
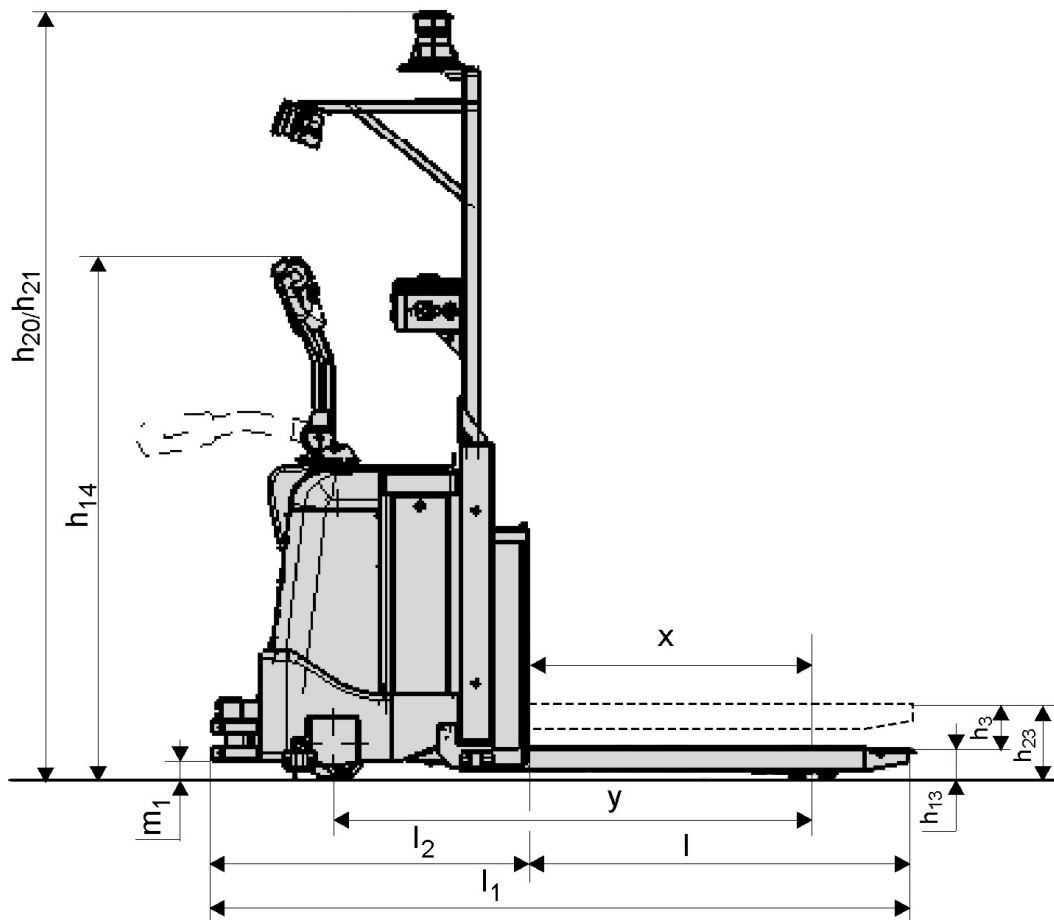
Truck performance and dimensions are nominal and subject to tolerances.

Specifications are subject to change without notice.

Battery dependent dimensions

Dimensions		LAE200			
		Battery compartment		Large	X-Large
1.9	Wheelbase, fork raised	y	mm	1583	1654
4.19	Overall length	l_1	Mm	2277	2348
4.20	Length to face of forks	l_2	Mm	1076	1147
4.33	Aisle width for pallets 1000x1200 crossways	A_{st}	Mm	2770	2841
4.34	Aisle width for pallets 800x1200 lengthways	A_{st}	Mm	2670	2741
4.35	Turning radius	W_a	Mm	1958	2029
6.4	Battery voltage, nominal capacity K_s		V/Ah	24/425-430	24/559-602
6.5	Battery weight, min.—max.		kg	302-370	414-516

Data is based on fork length 1200 mm.



Truck features:

- Automatic
 - loading and unloading
 - horizontal transport
 - horizontal deep stacking
 - orderpicking with Pick by Voice (optional)
- Manual handling
- Laser precision navigation
- Personal safety protection drive direction
- Personal safety protection fork direction (optional)
- Side sensors (optional)
- Obstacle detection system (optional)
- Mechanical safety bumper on forks (optional)
- Load detection & fork tip sensors
- BT Powerdrive System
- Information display
- Electronic regenerative braking system
- Sideway battery change
- Foldable drivers platform (optional)

Other features are available on request.

