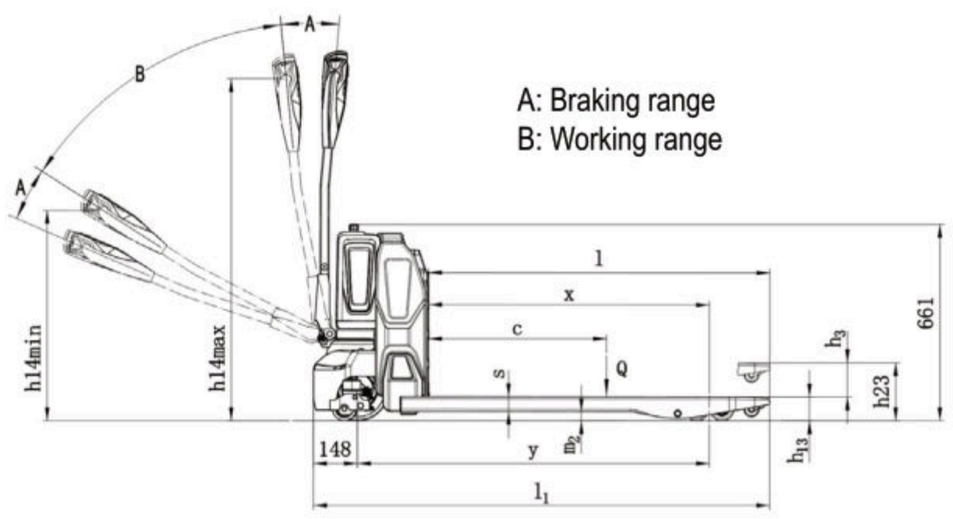
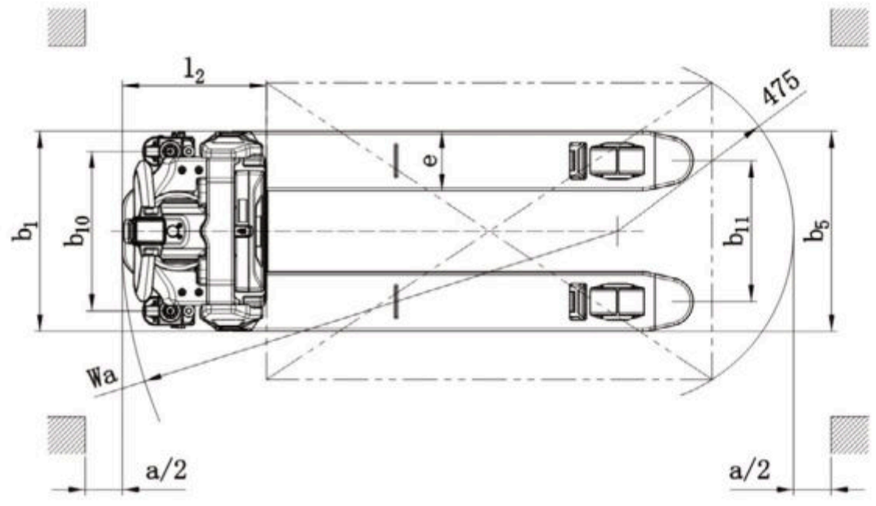
Pedestrian lowlifter truck 1.3-1.60 ton

BT tyro

LHE130B
LHE150
LHE160

Pedestrian lowlifter truck

Truck specifications					LHE130B	LHE150	LHE160
Identification	1.2	Model			LHE130B	LHE150	LHE160
	1.3	Drive			Electric	Electric	Electric
	1.4	Operator type			Pedestrian	Pedestrian	Pedestrian
	1.5	Load capacity/rated load	Q	kg	1300	1500	1600
	1.6	Load centre	c	mm	600	600	600
	1.8	Load distance, center of drive axle to fork (forks raised/lowered)	x	mm	884/947	884/947	887/951
	1.9	Wheelbase (forks raised/lowered)	y	mm	1138/1187	1138/1187	1140/1189
Weight	2.1	Service weight including battery		kg	125	132	145
	2.2	Axle load, with load, drive/castor/fork wheel		kg	550/875	565/50/1017	575/50/1120
	2.3	Axle load, without load, drive/castor/fork wheel		kg	96/29	88/14/30	94/16/35
Wheels	3.1	Drive/castor/fork wheel			Polyurethane	Polyurethane	Polyurethane
	3.2	Wheel size, front	Ø x width	mm	Ø 210×75	Ø 210×75	Ø 210×75
	3.3	Wheel size, rear	Ø x width	mm	Ø 80×93	Ø 80×70	Ø 80×70
	3.4	Additional wheels, dimensions	Ø x width	mm	—	Ø 80×30	Ø 80×30
	3.5	Wheels, number front/rear (x = driven wheels)			1x/ 2	1x +2/ 4	1x +2/ 4
	3.6	Track width, front	b_{10}	mm	—	430	430
	3.7	Track width, rear	b_{11}	mm	380	380	380
Dimensions	4.4	Lift	h_3	mm	115	115	115
		Lift height	h_{23}	mm	195	195	195
	4.9	Height of tiller in drive position, min./max.	h_{14}	mm	700/1160	700/1160	700/1160
	4.15	Height, fork lowered	h_{13}	mm	80	80	80
	4.19	Overall length	l_1	mm	1537	1537	1543
	4.20	Length to face of forks	l_2	mm	388	388	394
	4.21	Overall width	b_1	mm	540	540	540
	4.22	Fork dimensions	s/e/l	mm	50/160/1150	50/160/1150	50/160/1150
	4.25	Width over forks	b_5	mm	540	540	540
	4.32	Ground clearance, centre of wheelbase	m_2	mm	30	30	30
	4.34.1	Aisle width for pallets 1000x1200 crossways	A_{st}	mm	2013	2013	2019
	4.34.2	Aisle width for pallets 800x1200 lengthways	A_{st}	mm	2140	2140	2146
	4.35	Turning radius (forks raised)	Wa	mm	1336	1336	1342
Performance	5.1	Travel speed, with/without load		km/h	4,6/4,8	4,6/4,8	4,8/5,2
	5.2	Lift speed, with/without load		m/s	0,020/0,025	0,020/0,025	0,017/0,022
	5.3	Lowering speed, with/without load		m/s	0,05/0,04	0,05/0,04	0,05/0,03
	5.8	Max. gradeability, with/without load		%	6/16	6/16	10/16
	5.10	Service brake			Electromagnetic	Electromagnetic	Electromagnetic
Electric motor	6.1	Drive motor rating S2 60 min		kW	0,65	0,65	1,0
	6.2	Lift motor rating at S3 10%		kW	0,5	0,5	0,8
	6.4	Battery voltage/nominal capacity K5		V/Ah	24/20	24/40	48/20
	6.5	Battery weight		kg	5,8	8,5	8,5
	6.6	Energy consumption acc. to EN16796		kWh/h	0,17	0,18	0,20
Other	8.1	Type of drive control			DC-speed control	DC-speed control	DC-speed control
	8.4	Sound level at the driver's ear according to EN12053		dB (A)	<70	<70	<70

All data are based on table configuration. Other configurations may give other values.
Truck performance and dimensions are nominal and subject to tolerances.
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