

Platform lowlifter truck 2.0 - 2.5 ton

BT levio

P-series

LPE200

LPE220

LPE250



Platform lowlifter

Specification for lowlifter trucks					LPE200			LPE220		LPE250
Identification	1.1	Manufacturer			Toyota	Toyota	Toyota	Toyota	Toyota	Toyota
	1.2	Model			LPE200	LPE200	LPE200	LPE220	LPE220	LPE250
	1.3	Drive			Electric	Electric	Electric	Electric	Electric	Electric
	1.4	Operator type			Stand on/pedestrian					
	1.5	Load capacity/rated load	Q	kg	2000	2000	2000	2200	2200	2500
	1.6	Load centre	c	mm	600	600	600	600	600	600
	1.8	Load distance, centre of support arm wheel to face of fork, fork raised/lowered	x	mm	913/957*	913/957*	913/957*	913/957*	913/957*	913/957*
	1.9	Wheelbase, fork raised/lowered	y	mm	1362/1406*	1362/1406*	1362/1406*	1410/1454*	1410/1454*	1410/1454*
	Weight	2.1	Service weight with battery		kg	718	718	718	826	826
2.2		Axle load, with load, drive/castor/fork wheel		kg	466/585/1667	466/585/1667	466/585/1667	679/834/1513	679/834/1513	641/911/1774
2.3		Axle load, without load, drive/castor/fork wheel		kg	284/294/140	284/294/140	284/294/140	389/311/126	389/311/126	389/311/126
Wheels	3.1	Drive/castor/fork wheel			Polyurethane					
	3.2	Wheel size, front		mm	Ø 230x70	Ø 230x70	Ø 250x75	Ø 230x70	Ø 250x75	Ø 250x75*
	3.3	Wheel size, rear		mm	Ø 85x95	Ø 85x95	Ø 85x95	Ø 85x95	Ø 85x95	Ø 85x95
	3.4	Additional wheels (dimensions)		mm	Ø 125x50*	Ø 125x50*	Ø 125x50*	Ø 125x50*	Ø 125x50*	Ø 150x54*
	3.5	Wheels, number front/rear (x = driven wheels)			1x+ 2/2 or 4	1x+ 2/2 or 4	1x+ 2/2 or 4	1x+ 2/2 or 4	1x+ 2/2 or 4	1x+ 2/2 or 4
	3.6	Track width, front	b ₁₀	mm	500	500	500	500	500	500
	3.7	Track width, rear	b ₁₁	mm	370	370	370	370	370	370
Dimensions	4.4	Lift		h ₃	mm	120 ¹⁾	120 ¹⁾	120 ¹⁾	120 ¹⁾	120 ¹⁾
		Lift height		h ₂₃	mm	205 ¹⁾	205 ¹⁾	205 ¹⁾	205 ¹⁾	205 ¹⁾
	4.8	Stand height		h ₇	mm	190	190	190	190	190
	4.9	Height of tiller in drive position, min./max.								
		Manual steering		h ₁₄	mm	1100/1413	1100/1413	1100/1413	1100/1413	1100/1413
		Power steering, highest setting		h ₁₄	mm	1201/1413	1201/1413	1201/1413	1201/1413	1201/1413
		Power steering, lowest setting		h ₁₄	mm	1101/1313	1101/1313	1101/1313	1101/1313	1101/1313
	4.15	Height, fork lowered		h ₁₃	mm	85	85	85	85	85
	4.19	Overall length		l ₁	mm	1816*	1816*	1816*	1864*	1864*
	4.20	Length to face of forks		l ₂	mm	666*	666*	666*	714*	714*
	4.21	Overall width		b ₁	mm	730	730	730	730	730
	4.22	Fork dimensions		s/e/l	mm	78/180/1150*	78/180/1150*	78/180/1150*	78/180/1150*	78/180/1150*
	4.25	Width over forks		b ₅	mm	550*	550*	550*	550*	550*
	4.32	Ground clearance, centre of wheelbase		m ₁	mm	30	30	30	30	30
4.33	Aisle width for pallets 1000x1200 crossways		A _{st}	mm	2430*	2430*	2430*	2477*	2477*	
4.34	Aisle width for pallets 800x1200 lengthways		A _{st}	mm	2277*	2277*	2277*	2324*	2324*	
4.35	Turning radius, fork raised		W _a	mm	1585*	1585*	1585*	1632*	1632*	
Performance data	5.1	Travel speed, with/without load								
		Manual steering		km/h	6,0/6,0	8,0/8,0	8,0/10,0	7,5/8,0	7,5/10,0	7,0/12,5
		Power steering		km/h	6,0/6,0	8,0/8,0	9,0/10,0	8,0/8,0/8	9,0/10,0	11,0/12,5
	5.2	Lift speed, with/without load		m/s	0,05/0,08	0,05/0,08	0,05/0,08	0,05/0,07	0,05/0,07	0,05/0,07
	5.3	Lowering speed, with/without load		m/s	0,11/0,09	0,11/0,09	0,11/0,09	0,11/0,08	0,11/0,08	0,09/0,09
	5.8	Max. gradeability, with/without load ²⁾		%	8/18	8/18	8/18	8/18	8/18	8/18
5.9	Acceleration time (over 10 m)		s	5,7	5,7	5,7	5,0	5,0	4,7	
5.10	Service brake				Electromagnetic					
Electric motor	6.1	Drive motor rating S2 60 min		kW	1,8	2,5	2,5	2,5	2,5	2,8
	6.2	Lift motor rating at S3 10%		kW	2,2	2,2	2,2	2,2	2,2	2,2
	6.4	Battery voltage/nominal capacity K _s		V/Ah	24/300*	24/300*	24/300*	24/400*	24/400*	24/400*
	6.5	Battery weight		kg	241	241	241	305	305	305
	6.6	Energy consumption acc. to VDI cycle		kWh/h		0,46			0,52	0,55
	Others	8.1	Type of drive control			Variable AC	Variable AC	Variable AC	Variable AC	Variable AC
8.4		Sound level at the driver's ear according to EN 12 053		dB(A)	60	60	60	60	60	59

1) +20 mm for roll container handling.

2) Measured according to company standard.

*) Further alternatives are available and will produce other values.

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

Truck performance and dimensions are nominal and subject to tolerances.

Toyota Material Handling Manufacturing Sweden AB products and specifications are subject to change without notice.

Truck features:

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

