

## LPE220/250

Specifications					LPE220		LPE250
Identification	1.1	Manufacturer			Toyota	Toyota	Toyota
	1.2	Model			LPE220	LPE220	LPE250
	1.3	Drive			Electric	Electric	Electric
	1.4	Operator type			Stand on/pedestrian		
	1.5	Load capacity/rated load	Q	kg	2200	2200	2500
	1.6	Load centre	c	mm	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*
	1.9	Wheelbase, fork raised/lowered	y	mm	1410/1454*	1410/1454*	1410/1454*
Weight	2.1	Service weight with battery		kg	826	826	826
	2.2	Axle load, with load, drive/castor/fork wheel		kg	679/834/1513	679/834/1513	641/911/1774
	2.3	Axle load, without load, drive/castor/fork wheel		kg	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 250x75	Ø 250x75*
	3.3	Wheel size, rear		mm	Ø 85x95	Ø 85x95	Ø 85x95
	3.4	Additional wheels (dimensions)		mm	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
	3.6	Track width, front	b <sub>10</sub>	mm	500	500	500
	3.7	Track width, rear	b <sub>11</sub>	mm	370	370	370
Dimensions	4.4	Lift	h <sub>3</sub>	mm	120 <sup>1)</sup>	120 <sup>1)</sup>	120 <sup>1)</sup>
		Lift height	h <sub>23</sub>	mm	205 <sup>1)</sup>	205 <sup>1)</sup>	205 <sup>1)</sup>
	4.8	Stand height	h <sub>7</sub>	mm	190	190	190
	4.9	Height of tiller in drive position, min./max.					
		Manual steering	h <sub>14</sub>	mm	1100/1413	1100/1413	1100/1413
		Power steering, highest setting	h <sub>14</sub>	mm	1201/1413	1201/1413	1201/1413
		Power steering, lowest setting	h <sub>14</sub>	mm	1101/1313	1101/1313	1101/1313
	4.15	Height, fork lowered	h <sub>13</sub>	mm	85	85	85
	4.19	Overall length	l <sub>1</sub>	mm	1864*	1864*	1864*
	4.20	Length to face of forks	l <sub>2</sub>	mm	714*	714*	714*
	4.21	Overall width	b <sub>1</sub>	mm	730	730	730
	4.22	Fork dimensions	s/e/l	mm	78/180/1150*	78/180/1150*	78/180/1150*
	4.25	Width over forks	b <sub>5</sub>	mm	550*	550*	550*
	4.32	Ground clearance, centre of wheelbase	m <sub>1</sub>	mm	30	30	30
	4.33	Aisle width for pallets 1000x1200 crossways	A <sub>st</sub>	mm	2477*	2477*	2477*
4.34	Aisle width for pallets 800x1200 lengthways	A <sub>st</sub>	mm	2324*	2324*	2324*	
4.35	Turning radius, fork raised	W <sub>a</sub>	mm	1632*	1632*	1632*	
Performance data	5.1	Travel speed, with/without load					
		Manual steering		km/h	7,5/8,0	7,5/10,0	7,0/12,5
		Power steering		km/h	8,0/8,0/8	9,0/10,0	11,0/12,5
	5.2	Lift speed, with/without load		m/s	0,05/0,07	0,05/0,07	0,05/0,07
	5.3	Lowering speed, with/without load		m/s	0,11/0,08	0,11/0,08	0,09/0,09
	5.8	Max. gradeability, with/without load <sup>2)</sup>		%	8/18	8/18	8/18
5.9	Acceleration time (over 10 m)		s	5,0	5,0	4,7	
5.10	Service brake			Electromagnetic	Electromagnetic	Electromagnetic	
Electric motor	6.1	Drive motor rating S2 60 min			2,5	2,5	2,8
	6.2	Lift motor rating at S3 10%		kW	2,2	2,2	2,2
	6.4	Battery voltage/nominal capacity K <sub>s</sub>		V/Ah	24/400*	24/400*	24/400*
	6.5	Battery weight		kg	305	305	305
	6.6	Energy consumption according to VDI cycle		kWh/h	—	0,52	0,55
	Other	8.1	Type of drive control			Variable AC	Variable AC
8.4		Sound level at the driver's ear according to EN12 053		dB(A)	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.

## Battery dependent dimensions

Dimensions		Battery change		Lift out			Sideways			Li-Ion	
		Compartment		Small	Medium	Large/DIN	Small	Medium	Large/DIN	Small	Medium
1.9	Wheelbase, fork raised/lowered	y	mm	1362/1406	1410/1454	1507/1551	1422/1466	1470/1514	1564/1608	1362/1406	1410/1454
4.19	Overall length										
	with platform up/down	$l_1$	mm	1816/2266	1864/2314	1961/2411	1876/2326	1924/2374	2021/2471	1816/2266	1864/2314
	with backrest	$l_1$	mm	2440	2488	2585	2500	2548	2645	2440	2488
	with fixed side protection	$l_1$	mm	2276	2324	2420	2336	2384	2480	2276	2324
4.20	Length to face of forks										
	with platform up/down	$l_2$	mm	666/1116	714/1164	811/1261	726/1176	774/1224	871/1321	666/1116	714/1164
	with backrest	$l_2$	mm	1290	1338	1435	1350	1398	1495	1290	1338
	with fixed side protection	$l_2$	mm	1126	1174	1270	1186	1234	1330	1126	1174
4.33	Aisle width for pallets 1000x1200 crossways										
	with platform up/down	$A_{st}$	mm	2430/2894	2477/2942	2572/3038	2489/2953	2536/3001	2631/3097	2430/2894	2477/2942
	with backrest	$A_{st}$	mm	3066	3114	3210	3126	3174	3270	3066	3114
	with fixed side protection	$A_{st}$	mm	2904	2951	3047	2963	3011	3106	2904	2951
4.34	Aisle width for pallets 800x1200 lengthways										
	with platform up/down	$A_{st}$	mm	2277/2741	2324/2789	2419/2885	2336/2801	2383/2848	2478/2944	2277/2741	2324/2789
	with backrest	$A_{st}$	mm	2914	2961	3058	2973	3021	3117	2914	2961
	with fixed side protection	$A_{st}$	mm	2751	2799	2894	2811	2858	2953	2751	2799
4.35	Turning radius, fork raised										
	with platform up/down	$W_a$	mm	1585/2049	1632/2096	1727/2193	1644/2108	1691/2156	1786/2252	1585/2049	1632/2096
	with backrest	$W_a$	mm	2221	2269	2365	2281	2329	2425	2221	2269
	with fixed side protection	$W_a$	mm	2059	2106	2202	2118	2166	2261	2059	2106
6.4	Battery voltage, nominal capacity $K_s$		V/Ah	24/225 - 300	24/400	24/375 - 600	24/225 - 300	24/400	24/375 - 600	24/100 - 150	24/200
6.5	Battery weight		kg	175 - 285	265 - 350	345 - 485	175 - 285	265 - 350	345 - 485	126/90	90/102

Compartment small only available for LPE200.

