

SPE120XRD

Specifications						SPE120XRD		
Identification	1.1	Manufacturer					Toyota	
	1.2	Model					SPE120XRD	
	1.3	Drive					Electric	
	1.4	Operator type					Stand on/Pedestrian	
	1.5	Load capacity/rated load		Q	kg			1200/750
		Double stacking capacity		Q	kg			600+600
	1.6	Load center		c	mm			600
	1.8	Load distance, centre of support arm wheel to face of forks		x	mm			663
	1.9	Wheelbase		y	mm			1515
Weight	2.1	Service weight incl. battery				kg	1900	
	2.3	Axle load, mast retracted without load, drive/fork wheel				kg	1240/660	
	2.4	Axle load, mast extended with load, drive/fork wheel				kg	325/2775	
	2.5	Axle load, mast retracted with load, drive/fork wheel				kg	1320/1780	
Wheels	3.1	Drive/castor/fork wheel					Polyurethane	
	3.2	Wheel size, front				mm	250	
	3.3	Wheel size, rear				mm	140	
	3.7	Track width, rear		b ₁₁	mm		810/995	
Dimensions	4.2	Height, mast lowered		h ₁	mm		1797	
	4.3	Free lift		h ₂	mm		132	
	4.4	Lift		h ₃	mm		2400	
		Lift height		h ₂₃	mm		2450	
	4.5	Height, mast extended		h ₄	mm		2948	
	4.6	Initial lift		h ₅	mm		300	
	4.8	Stand height		h ₇	mm		190	
	4.9	Height of tiller in drive position, min./max. highest setting lowest setting		h ₁₄	mm			1201/1413
				h ₁₄	mm			1101/1313
	4.10	Height of support arms		h ₃	mm		160	
	4.15	Height, fork lowered		h ₁₃	mm		50	
	4.19	Overall length, platform up/down		l ₁	mm		2280/2730	
	4.20	Length to face of forks, platform up/down		l ₂	mm		1080/1505	
	4.21	Overall width		b ₁ /b ₂	mm		1085	
	4.22	Fork dimensions		s/e/l	mm		35/75/1200	
	4.25	Width over forks		b ₅	mm		Inner forks: 250 - 340, Outer forks: 510* - 750	
	4.26	Distance between support arms		b ₄	mm		665/850	
4.28	Reach distance		l ₄	mm		810		
4.31	Ground clearance, center of wheelbase		m ₁	mm		30		
4.32	Ground clearance, center of wheelbase		m ₂	mm		40		
4.33	Aisle width for pallets 1000x1200 crossways, platform up/down		A _{st}	mm		2648/3098		
4.34	Aisle width for pallets 800x1200 lengthways, platform up/down		A _{st}	mm		2630/3080		
4.35	Turning radius, platform up/down		W _a	mm		1760/2210		
4.37	Length across support arms, platform up/down		l ₇	mm		1830		
Performance data	5.1	Travel speed, with/without load				km/h	6,0/6,0	
		6 km/h version				km/h	7,0/8,0	
	8 km/h version							
	5.2	Lift speed, with/without load				m/s	0,20/0,36	
	5.3	Lowering speed, with/without load				m/s	0,45/0,45	
	5.4	Reach speed, with/without load				m/s	0,15/0,15	
5.8	Max. gradeability, with/without load ¹⁾				%	8/10		
5.9	Acceleration time (over 10 m)				s	5,8		
5.10	Service brake						Electromagnetic	
Electric motor	6.1	Drive motor rating (S2 60min)				kW	1,8	
		6 km/h version				kW	1,8	
	8 km/h version							
	6.2	Lift motor rating (S3 15%)				kW	3	
	6.4	Battery voltage, nominal capacity K _s				V/Ah	24/300	
6.5	Battery weight				kg	195 - 270		
6.6	Energy consumption according to VDI cycle				kWh/h	1,1		
Other	8.1	Type of drive control					Variable AC	
	8.4	Sound level at the driver's ear according to EN 12 053				dB (A)	59	

1) Measured according to company standard.

* = Depending on inner forks position.

Data is based on standard truck and small battery.

Mast dimensions

SPE120XRD			Duplex Tele Panoramic View	
h_{23}	Lift height ($h_{13}+h_3$)	mm	2450	2750
h_3	Lift	mm	2400	2700
h_1	Height, mast lowered	mm	1797	1947
h_2	Free lift	mm	132	132
h_4	Height, mast extended	mm	2948	3248
h_5	Initial lift	mm	300	300

