

Pedestrian stacker double stacking

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				Vulkollan®/ — /Vulkollan®
	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	h ₁₄	mm		1201/1413
		lowest setting	h ₁₄	mm		1101/1313
	4.10	Height of support arms	h ₈	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, below mast	m ₁	mm		30
	4.32	Ground clearance, center of wheelbase	m ₂	mm		40
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
Electric motor	5.9	Acceleration time (over 10 m)		s		5,8
	5.10	Service brake				Electromagnetic
	6.1	Drive motor rating (S2 60min)				
		6 km/h version		kW		1,8
		8 km/h version		kW		1,8
	6.2	Lift motor rating (S3 15%)		kW		3
	6.4	Battery voltage, nominal capacity K _s		V/Ah		24/300
Others	6.5	Battery weight		kg		195 - 270
	6.6	Energy consumption acc to VDI cycle		kWh/h		1,1
Others	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.

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.

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

