Pedestrian stacker truck 1.2 ton



BT staxio

P-series

SPE120L







TOYOTA

MATERIAL HANDLING

www.toyota-forklifts.eu

Pedestrian stacker with elevating support arms

Specifications					SPE120L
Identification	1.1	Manufacturer			Toyota
	1.2	Model			SPE120L
	1.3	Drive			Electric
	1.4	Operator type			Stand on/pedestrian
	1.5	Load capacity/rated load	Q	kg	1200
		Support arm capacity	Q	kg	2000
	1.6	Load center	c	mm	600
	1.8	Load distance, centre of support arm wheel to face of forks			
		raised support arms	x	mm	694
		lowered support arms	x	mm	725
	1.9	Wheelbase			
		raised support arms	y	mm	1408
		lowered support arms	y	mm	1439
Weight	2.1	Service weight incl. battery		kg	1349
	2.2	Axle load, with load, drive/castor/fork wheel		kg	680/249/1620
	2.3	Axle load, without load, drive/castor/fork wheel		kg	400/496/453
Wheels	3.1	Drive/castor/fork wheel			
	3.2	Wheel size, front		mm	Ø 230
	3.3	Wheel size, rear		mm	Ø 85
	3.4	Additional wheel size		mm	Ø 125
	3.5	Wheels, number front/rear (x = driven wheels)			1x+2/4
	3.6	Track width, front	b_{10}	mm	585
	3.7	Track width, rear	b_{11}	mm	390
Dimensions	4.2	Height, mast lowered	h_1	mm	1953
	4.3	Free lift	h_2	mm	1490
	4.4	Lift	h_3	mm	3860
		Lift height	h_{23}	mm	3950
	4.5	Height, mast extended	h_4	mm	4456
	4.6	Initial Lift	h_5	mm	120
	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
	4.15	Height, fork lowered	h_{13}	mm	90
	4.19	Overall length			
		platform up	l_1	mm	2085
		platform down	l_1	mm	2532
	4.20	Length to face of forks			
		platform up	l_2	mm	935
		platform down	l_2	mm	1382
	4.21	Overall width	b_1/b_2	mm	790/—
	4.22	Fork dimensions	s/e/l	mm	70/180/1150
	4.25	Width over forks	b_5	mm	570
	4.32	Ground clearance, center of wheelbase	m_2	mm	19,5
	4.33	Aisle width for pallets 1000x1200 crossways			
		platform up	A_{st}	mm	2619
		platform down	A_{st}	mm	3068
	4.34	Aisle width for pallets 800x1200 lengthways			
		platform up	A_{st}	mm	2510
		platform down	A_{st}	mm	2959
	4.35	Turning radius			
		platform up	W_a	mm	1665
		platform down	W_a	mm	2114
Performance data	5.1	Travel speed, with/without load			
		8 km/h version		km/h	7,0/8,0
	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
	5.8	Max. gradeability, with/without load		%	8/12
	5.9	Acceleration time (over 10 m)		s	5,2
	5.10	Service brake			Electromagnetic
Electric motor	6.1	Drive motor rating (S2 60min)			
		8 km/h version		kW	1,8
	6.2	Lift motor rating (S3 15%)		kW	3
	6.4	Battery voltage, nominal capacity K_5		V/Ah	24/225
	6.5	Battery weight		kg	228
	6.6	Energy consumption according to VDI cycle		kWh/h	1,04
		Energy consumption according to EN 16796		kWh/h	0,81
Oth-ers	8.1	Type of drive control			Variable AC
	8.4	Sound level at the driver's ear according to EN 12053		dB (A)	66

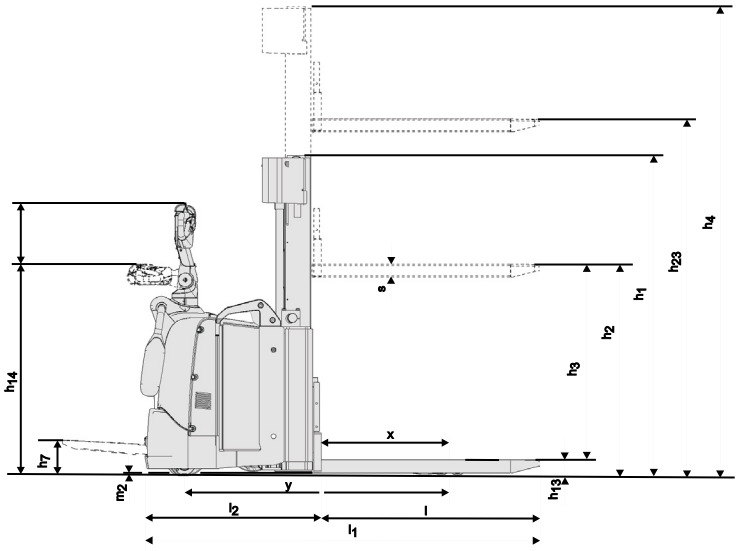
All data are based on table con iguration. Other con igurations may give other values.
Truck performance and dimensions are nominal and subject to tolerances.
Products and speci ications are subject to change without notice.

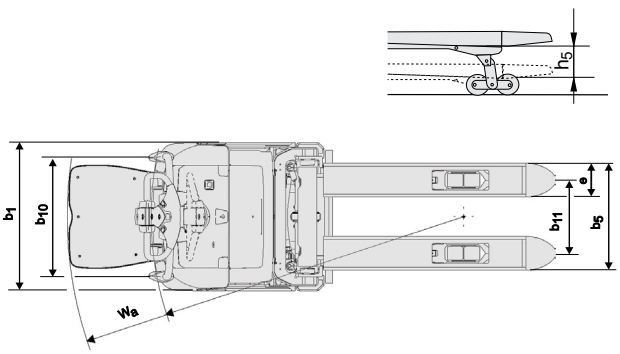
Battery dependent dimensions

Dimensions		Battery		SPE120L Lift out S	
1.9	Wheelbase				
	raised support arms	y	mm	1408	
	lowered support arms	y	mm	1439	
4.19	Overall length				
	platform up	l_1	mm	2085	
	platform down	l_1	mm	2532	
4.20	Length to face of forks		mm		
	platform up	l_2	mm	935	
	platform down	l_2	mm	1382	
4.33	Aisle width for pallets 1000x1200 crossways				
	platform up	A_{st}	mm	2619	
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	platform up	W_a	mm	1665	
	platform down	W_a	mm	2114	
6.4	Battery voltage, nominal capacity K_5		V/Ah	24/225	
6.5	Battery weight, min.—max.		kg	228	

Mast dimensions

Mast				Triplex HiLo
SPE120L	h_{23}	Lift height (h_{13}+h_3)	mm	3950
	h_3	Lift	mm	3860
	h_1	Height, mast lowered	mm	1953
	h_2	Free lift, ground to top of forks	mm	1490
	h_4	Height, mast extended	mm	4456





Truck features:

- BT Powertrak traction system
- Optimized Truck Performance
- Fingertip controls
- Electronic braking system
- Electronic speed control
- Operator safety
- Storage compartments
- Automatic switch-off
- Programmable performance
- Easy access for maintenance
- Sensilift

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