

SWE200D

Specifications						SWE200D
Identification	1.1	Manufacturer				Toyota
	1.2	Model				SWE200D
	1.3	Drive				Electric
	1.4	Operator type				Pedestrian
	1.5	Load capacity/rated load		Q	kg	1000
		Support arm capacity/fork and support arm capacity		Q	kg	2000/800+1200
	1.6	Load centre		c	mm	600
	1.8	Load distance, centre of support arm wheel to face of forks (support arms raised/lowered)		x	mm	873/932
	1.9	Wheelbase (support arms raised/lowered)		y	mm	1483/1542
Weight	2.1	Service weight including battery			kg	857
	2.2	Axle load, with load, drive/castor/support arm wheel			kg	570/360/1155
	2.3	Axle load, without load, drive/castor/support arm wheel			kg	570/100/215
Wheels	3.1	Drive/castor/support arm wheel				Polyurethane
	3.2	Wheel size, front			mm	Ø 230x70
	3.3	Wheel size, rear			mm	Ø 85x74
	3.4	Additional wheels (dimensions)			mm	Ø 125x50
	3.5	Wheels, number front/rear (x = driven wheels)				1x+2/4
	3.6	Track width, front		b ₁₀	mm	550
	3.7	Track width, rear		b ₁₁	mm	390
Dimensions	4.2	Height, mast lowered			h ₁	mm 1535 *
	4.3	Free lift			h ₂	mm 166 *
	4.4	Lift			h ₃	mm 2010 *
		Lift height			h ₂₃	mm 2100 *
	4.5	Height, mast extended			h ₄	mm 2520 *
	4.6	Initial lift			h ₅	mm 120
	4.9	Height of tiller in drive position without platform, min./max.			h ₁₄	mm 150
		Height of tiller in drive position with platform, min./max.			h ₁₄	mm 865/1235
	4.15	Height, fork lowered			h ₁₃	mm 90
	4.19	Overall length			l ₁	mm 1910
	4.20	Length to face of forks			l ₂	mm 753
	4.21	Overall width			b ₁	mm 770
	4.22	Fork dimensions			s/e/l	mm 60/180/1150 *
	4.24	Fork-carriage width			b ₃	mm 674
	4.25	Width over forks			b ₅	mm 570 *
	4.31	Ground clearance, with load, below mast			m ₁	mm 22
	4.32	Ground clearance, centre of wheelbase			m ₂	mm 22
4.34.1	Aisle width for pallets 1000x1200 crossways			A _{st}	mm 2452	
4.34.2	Aisle width for pallets 800x1200 lengthways			A _{st}	mm 2356	
4.35	Turning radius, support arms raised			W _a	mm 1639	
Performance data	5.1	Travel speed, with/without load			km/h	6/6
	5.2	Lift speed, with/without load			m/s	0,12/0,25
	5.3	Lowering speed, with/without load			m/s	0,39/0,28
	5.8	Max. gradeability, with/without load			%	7/12 ¹⁾
	5.10	Service brake				Electromagnetic
Electric motor	6.1	Drive motor rating S2 60 min				1,5
	6.2	Lift motor rating at S3 15%			kW	2,2 ²⁾
	6.4	Battery voltage/nominal capacity K _s			V/Ah	24/225 *
	6.5	Battery weight			kg	192 ¹⁾
	6.6	Energy consumption according to VDI cycle			kWh/h	0,65
		Energy consumption acc. to EN16796:2016			kWh/h	0,52
	6.7	Turnover output			t/h	45,5
	6.8	Energy consumption at turnover output			kWh/h	1,05
Other	8.1	Type of drive control				Variable AC

¹⁾ Measured according to company standard.

²⁾ S3 6%

* Further alternatives are available and will produce other values.

Data is based on standard configurations: h₂₃ = 2100 mm Duplex Tele Panoramic View mast.

Battery dependent dimensions

Dimensions		Battery change		SWE200D		
				Lift out		Sideways
		Battery compartment	Medium	Large	Large	
1.9	Wheelbase, support arms raised/lowered	y	mm	1438/1542	1533/1592	1533/1592
4.19	Overall length	l ₁	mm	1910	1960	1960
	without platform		mm	1995/2385	2045/2435	2045/2435
4.20	Length to face of forks	l ₂	mm	760	810	810
	without platform		mm	845/1235	895/1285	895/1285
4.34.1	Aisle width for pallets 1000x1200 crossways	A _{st}	mm	2452	2502	2350
	without platform		mm	2537/2937	2587/2987	2435/2835
4.34.2	Aisle width for pallets 800x1200 lengthways	A _{st}	mm	2356	2406	2406
	without platform		mm	2441/2841	2491/2891	2491/2891
4.35	Turning radius	W _a	mm	1639	1689	1689
	without platform		mm	1724/2124	1774/2174	1774/2174
6.4	Battery voltage, nominal capacity, Lead-Acid	K ₅	V/Ah	24/225	24/300	24/260
	Battery voltage, nominal capacity, Li-Ion	K ₅	V/Ah	24/105	24/210	-
6.5	Battery weight, nominal		kg	192	248	221
	Battery weight, min. - max.		kg	185 - 250	230 - 285	209 - 250

Mast dimensions

SWE200D			Duplex Tele			Duplex Tele Panoramic View		
h ₂₃	Lift height (h ₁₃ +h ₃)	mm	1700	1900	2100	1700	1900	2100
h ₃	Lift	mm	1610	1810	2010	1610	1810	2010
h ₁	Height, mast lowered	mm	1340	1440	1540	1335	1435	1535
h ₂	Free lift, ground to top of forks	mm	166	166	166	166	166	166
h ₄	Height, mast extended	mm	2125	2325	2525	2120	2320	2520

