

SWE080L

Specifications					SWE080L
Identification	1.1	Manufacturer			Toyota
	1.2	Model			SWE080L
	1.3	Drive			Electric
	1.4	Operator type			Pedestrian
	1.5	Load capacity/rated load	Q	kg	800
		Support arm capacity/fork and support arm capacity	Q	kg	2000/—
	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	815/874
	1.9	Wheelbase (support arms raised/lowered)	y	mm	1293/1352
Weight	2.1	Service weight including battery		kg	679
	2.2	Axle load, with load, drive/castor/fork wheel		kg	525/150/830
	2.3	Axle load, without load, drive/castor/fork wheel		kg	375/150/180
Wheels	3.1	Drive/castor/fork 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	430
	3.7	Track width, rear	b ₁₁	mm	390
Dimensions	4.2	Height, mast lowered	h ₁	mm	1863 *
	4.3	Free lift	h ₂	mm	1580 *
	4.4	Lift	h ₃	mm	1490 *
		Lift height	h ₂₃	mm	1580 *
	4.5	Height, mast extended	h ₄	mm	1863 *
	4.6	Initial lift	h ₅	mm	120
	4.9	Height of tiller in drive position, min./max.	h ₁₄	mm	865/1235
	4.15	Height, fork lowered	h ₁₃	mm	90
	4.19	Overall length	l ₁	mm	1777
	4.20	Length to face of forks	l ₂	mm	627
	4.21	Overall width	b ₁	mm	726
	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 (forks raised/lowered)	m ₁	mm	145/25
	4.32	Ground clearance, centre of wheelbase (forks raised/lowered)	m ₂	mm	145/25
	4.34.1	Aisle width for pallets 1000x1200 crossways	A _{st}	mm	2256
4.34.2	Aisle width for pallets 800x1200 lengthways	A _{st}	mm	2159	
4.35	Turning radius	W _a	mm	1442	
Performance data	5.1	Travel speed, with/without load		km/h	6/6
	5.2	Lift speed, with/without load		m/s	0,14/0,21
	5.3	Lowering speed, with/without load		m/s	0,29/0,20
	5.8	Max. gradeability, with/without load		%	9/18 ¹⁾
	5.10	Service brake			Electromagnetic
Electric motor	6.1	Drive motor rating S2 60 min		kW	1,0
	6.2	Lift motor rating at S3 15%		kW	2,0 ²⁾
	6.4	Battery voltage/nominal capacity K _s		V/Ah	2x12/180 *
	6.5	Battery weight		kg	2x92 ¹⁾
	6.6	Energy consumption according to VDI cycle		kWh/h	0,49
		Energy consumption acc. to EN16796:2016		kWh/h	0,42
	6.7	Turnover output		t/h	36,9
	6.8	Energy consumption at turnover output		kWh/h	0,81
Other	8.1	Type of drive control			Variable AC

¹⁾ Measured according to company standard.

²⁾ S3 7%

* Further alternatives are available and will produce other values.

Data is based on standard configurations: h₂₃ = 1580 mm Mono mast.

Battery dependent dimensions

Dimensions		SWE080L			
		Battery type		Lead/Acid	Li-Ion
		Battery compartment		Medium	Medium
1.9	Wheelbase, support arms raised/lowered	y	mm	1293/1352	1293/1352
2.1	Service weight including battery		kg	679	567
4.19	Overall length	l_1	mm	1777	1777
4.20	Length to face of forks	l_2	mm	627	627
4.34.1	Aisle width for pallets 1000x1200 crossways	A_{st}	mm	2256	2256
4.34.2	Aisle width for pallets 800x1200 lengthways	A_{st}	mm	2159	2159
4.35	Turning radius, forks raised	W_b	mm	1442	1442
6.4	Battery voltage, nominal capacity	K_5	V/Ah	24/180, 230	24/105
6.5	Battery weight, nominal		kg	184, 196	69
	Battery weight, min.—max.		kg	169 - 221	62 - 76

Mast dimensions

SWE080L			Mono		
h_{23}	Lift height ($h_{13}+h_3$)	mm	600	1060	1580
h_3	Lift	mm	510	970	1490
h_1	Height, mast lowered	mm	908	1368	1863
h_2	Free lift, ground to top of forks	mm	600	970	1580
h_4	Height, mast extended	mm	908	1368	1863

