HWE100S

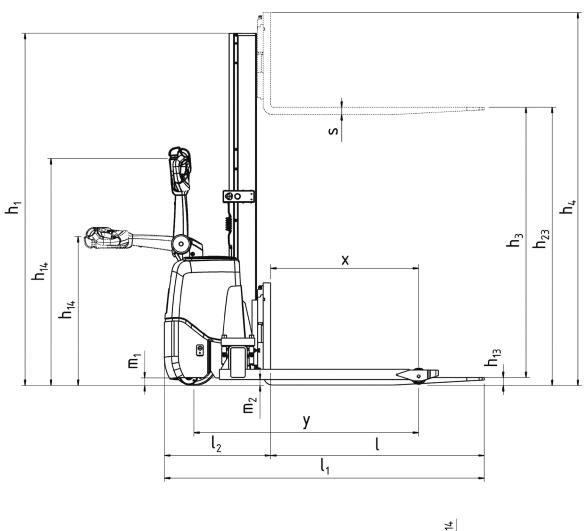
Specifi	cations				HWE100S
	1.1	Manufacturer			Toyota
Identification	1.2	Model			HWE100S
	1.3	Drive			Electric
	1.4	Operator type			Pedestrian
	1.5	Load capacity/rated load	Q	kg	1000
	1.6	Load centre	С	mm	600
	1.8	Load distance, centre of support arm wheel to face of forks	х	mm	800
	1.9	Wheelbase	у	mm	1210
Weight	2.1	Service weight with battery		kg	606
	2.2	Axle load, with load, drive/castor/fork wheel		kg	580/—/515
	2.3	Axle load, without load, drive/castor/fork wheel		kg	400/—/80
Dimensions	3.1	Drive/castor/fork wheel			Polyurethane
	3.2	Wheel size, front	Ø x width	mm	250x60
	3.3	Wheel size, rear	Ø x width	mm	85x77
	3.4	Additional wheels (dimensions)	Ø x width	mm	_
	3.5	Wheels, number front/rear (x = driven wheels)			1x/2
	3.6	Track width, front	b ₁₀	mm	506
	3.7	Track width, rear	b ₁₀	mm	1000–1400
	4.2	Height, mast lowered	h ₁	mm	1890
	4.4	Lift	h ₃	mm	1500
	1	Lift height	h ₂₃	mm	1540
	4.5	Height, mast extended	h ₄	mm	2040
	4.9	Height of tiller in drive position, min./max.	-	mm	858/1222
	4.15	Height, fork lowered	h ₁₄	mm	50
	4.19	Overall length	h ₁₃	mm	1722
	4.19	Length to face of forks			572
	4.20	Overall width	l ₂	mm	700/1100—1500
	4.21	Fork dimensions	b ₁ /b ₂ s/e/l	mm	40/100/1150
	4.22	Width over forks		mm	250—800
			b ₅	mm	
	4.26	Distance between support arms	b ₄	mm	900—1300
	4.27	Support arm width	b ₁₄	mm	100
	4.31	Ground clearance, below mast	m ₁	mm	49
	4.32	Ground clearance, centre of wheelbase	m ₁	mm	26
		Aisle width for pallets 800x1200 lengthways	A _{st}	mm	2130
	4.35	Turning radius	W _a	mm	1365
Jata	5.1	Travel speed, with/without load		km/h	4,5/5,5
JCe (5.2	Lift speed, with/without load		m/s	0,10/0,19
Performance data	5.3	Lowering speed, with/without load		m/s	0,15/0,14
	5.8	Max. gradeability, with/without load		%	6/10 1)
ፈ	5.10	Service brake			Electromagnetic
č	6.1	Drive motor rating S2 60 min		kW	0,7
Electric motor	6.2	Lift motor rating at S3 5%		kW	1,2
	6.4	Battery voltage/nominal capacity K ₅		V/Ah	2x12/63
	6.5	Battery weight		kg	2x23
	6.6	Energy consumption according to VDI cycle (with h_{23} = 1580 mm/with h_{23} = 2000 mm)		kWh/h	
Other	8.1	Type of drive control			Variable AC
5	8.4	Sound level at the driver's ear according to EN 12 053		dB(A)	66

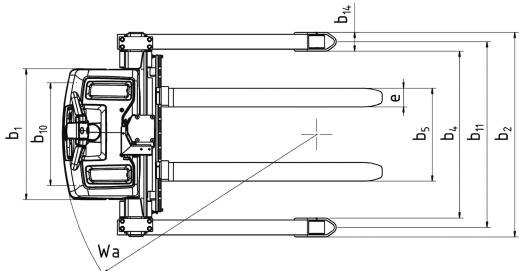
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Measured according to company standard.
*Further alternatives are available and will produce other values.

Mast dimensions

			HWE100S			
Height, mast lowered		mm	1635	1890	2310	
Lift movement	h ₃	mm	1100	1500	1920	
Height, mast extended	h ₄	mm	1640	2040	2460	
Lift height (h ₁₃ +h ₃)		mm	1140	1540	1960	





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