Pedestrian stacker truck 1.0 ton

BT staxio

W-series

HWE100

HWE100S

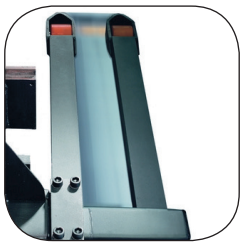












TOYOTA

MATERIAL HANDLING

www.toyota-forklifts.eu

Pedestrian stacker truck

Specification for stacker trucks					HWE100	HWE100S
Identification	1.1	Manufacturer			Toyota	Toyota
	1.2	Model			HWE100	HWE100S
	1.3	Drive			Electric	Electric
	1.4	Operator type			Pedestrian	Pedestrian
	1.5	Load capacity/rated load	Q	kg	1000	1000
	1.6	Load centre	c	mm	600	600
	1.8	Load distance, centre of support arm wheel to face of forks	x	mm	805 *)	800
	1.9	Wheelbase	y	mm	1178 *)	1210
Weight	2.1	Service weight		kg	467	560
	2.2	Axle load, with load, drive/castor/fork wheel		kg	353/151/963	580/—/515
	2.3	Axle load, without load, drive/castor/fork wheel		kg	230/123/114	400/—/80
Wheels	3.1	Drive/castor/fork wheel			PU/PU/PU	PU/—/PU
	3.2	Wheel size, front	Ø x width	mm	250x60	250x60
	3.3	Wheel size, rear	Ø x width	mm	85x77	85x77
	3.4	Additional wheels (dimensions)	Ø x width	mm	100x40	—
	3.5	Wheels, number front/rear (x = driven wheels)			1x-2/2	1x/2
	3.6	Track width, front	b_{10}	mm	506	506
	3.7	Track width, rear	b_{11}	mm	364 *)	1000–1400
Dimensions	4.2	Height, mast lowered	h_1	mm	1890	1890
	4.4	Lift	h_3	mm	1495	1500
		Lift height	h_{23}	mm	1580	1540
	4.5	Height, mast extended	h_4	mm	2040	2040
	4.9	Height of tiller in drive position, min./max.	h_{14}	mm	858/1222	858/1222
	4.15	Height, fork lowered	h_{13}	mm	85	50
	4.19	Overall length	l_1	mm	1680	1722
	4.20	Length to face of forks	l_2	mm	530	572
	4.21	Overall width	b_1/b_2	mm	700	700/1100—1500
	4.22	Fork dimensions	s/e/l	mm	60/180/1150 *)	40/100/1150
	4.25	Width over forks	b_5	mm	550 *)	250—800
	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	49
	4.32	Ground clearance, centre of wheelbase	m_1	mm	26	26
	4.34	Aisle width for pallets 800x1200 lengthways	A_{st}	mm	2100	2130
	4.35	Turning radius	W_a	mm	1340	1365
Performance data	5.1	Travel speed, with/without load		km/h	4,5/5,5	4,5/5,5
	5.2	Lift speed, with/without load		m/s	0,12/0,21	0,10/0,19
	5.3	Lowering speed, with/without load		m/s	0,15/0,14	0,15/0,14
	5.8	Max. gradeability, with/without load		%	6/10 1)	6/10 1)
	5.10	Service brake			Electromagnetic	Electromagnetic
Electric motor	6.1	Drive motor rating S2 60 min		kW	0,7	0,7
	6.2	Lift motor rating at S3 5%		kW	1,2	1,2
	6.4	Battery voltage/nominal capacity K_5		V/Ah	2x12/63	2x12/63
	6.5	Battery weight		kg	2x23	2x23
	6.6	Energy consumption acc. to VDI cycle (with h_{23} = 1580mm / with h_{23} = 2000mm)		kWh/h	0,62/0,76	
Others	8.1	Type of drive control			Variable AC	Variable AC
	8.4	Sound level at the driver's ear according to EN 12 053		dB(A)	66	66

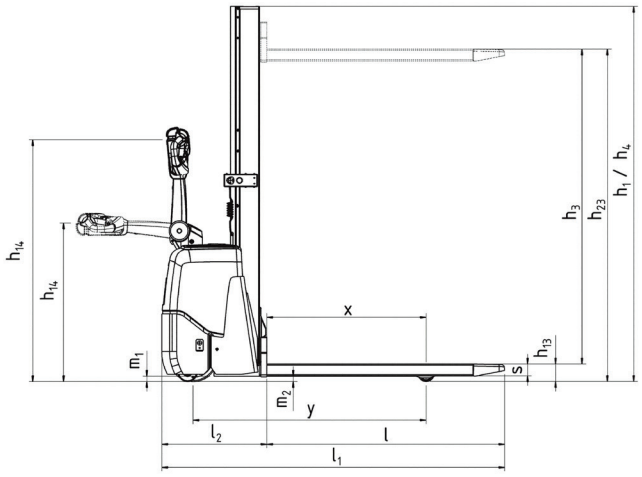
1) Measured according to company standard.
*) Further alternatives are available and will produce other values.

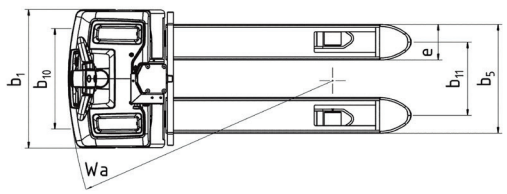
All data are based on table configuration. Other configurations may give other values.
Truck performance and dimensions are nominal and subject to tolerances.
Products and specifications are subject to change without notice.

Mast dimensions

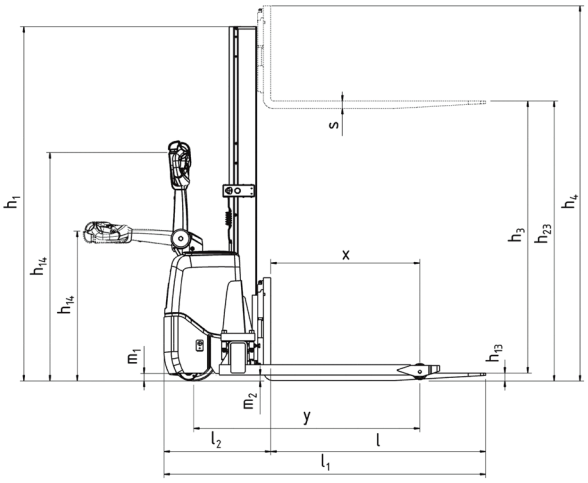
			HWE100			HWE100S		
Height, mast lowered	h_1	mm	1635	1890	2310	1635	1890	2310
Lift movement	h_3	mm	1095	1495	1915	1100	1500	1920
Height, mast extended	h_4	mm	—	—	—	1640	2040	2460
Lift height (h_{13}+h_3)	h_{23}	mm	1180	1580	2000	1140	1540	1960

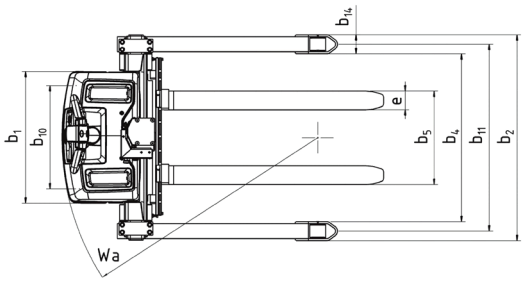
HWE100





HWE100S





Truck features:

- Compact and easy to manoeuvre
- Maintenance free batteries
- Built in charger
- Click-2-Creep
- Individual parameter settings
- Maintenance-free AC drive motor
- Access control with pin code
- Compatible with fleet management tool I_Site

TMHE-Toyota Material Handling Europe — 749999-040, version 3, 2018-03-29

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