Pedestrian stacker truck 1.0 ton



BT STAXIO

W-series SWE100













Pedestrian stacker

ecific	ation fo	or stacker trucks	SWE100		
	1.1	Manufacturer		Toyota	
Identification	1.2	Model			SWE100
	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	657
	1.9	Wheelbase	у	mm	1190
Weight	2.1	Service weight including battery	,	kg	808
	2.2	Axle load, with load, drive/castor/support arm wheel		kg	350/280/1185
	2.3	Axle load, without load, drive/castor/support arm wheel		kg	350/230/235
	3.1	Drive/castor/fork wheel			Friction/Vulkollan/Vulkollan *)
	3.2	Wheel size, front		mm	Ø230x70
(0	3.3	Wheel size, rear		mm	Ø85x95
Wheels	3.4	Additional wheels (dimensions)		mm	Ø125x50
Ν̈́	3.5	Wheels, number front/rear (x=driven wheels)			1x+2/2
	3.6	Track width, front	b ₁₀	mm	550
	3.7	Track width, rear	b ₁₁	mm	390
	4.2	Height, mast lowered	h ₁	mm	2151 *)
	4.3	Free lift	h ₂	mm	166 *)
	4.4	Lift	h_3	mm	3210 *)
		Lift height	h ₂₃	mm	3300 *)
	4.5	Height, mast extended	h ₄	mm	3720 *)
	4.8	Stand height (optional platform)	h ₇	mm	150
	4.9	Height of tiller in drive position, min./max.	h ₁₄	mm	865/1235
	4.15	Height, fork lowered	h ₁₃	mm	90
us	4.19	Overall length	I ₁	mm	1831
osio	4.20	Length to face of forks		mm	683
Dimensions	4.21	Overall width	b,	mm	770
Ö	4.22	Fork dimensions	s/e/l	mm	60/180/1150 *)
	4.24	Fork-carriage width		mm	674
	4.25	Width over forks	b ₃	mm	570 *)
	4.23	Ground clearance, with load, below mast	b ₅		27
	4.31	Ground clearance, with load, below mast	m ₁	mm	27
	4.32	Aisle width for pallets 1000x1200 crossways	m ₂	mm	2231
	4.34	Aisle width for pallets 800x1200 crossways Aisle width for pallets 800x1200 lengthways	A _{st}		2214
	4.34		A _{st} W	mm	1340
	_	Turning radius	vv _a	mm km/h	
3	5.1 5.2	Travel speed, with/without load Lift speed, with/without load		km/h m/s	6/6 0.14/0.28
data	5.3	Lowering speed, with/without load		m/s	0.38/0.38
ğ	5.8	Max. gradeability, with/without load ²⁾		%	8/12 ¹⁾
-	5.10			/0	Electromagnetic
_		Service brake		kW	1.0
oto	6.1	Drive motor rating S2 60 min			
ic i	6.2	Lift motor rating at S3 15%		kW	2.2 2)
Electric motor	6.4	Battery voltage/nominal capacity K _s		V/Ah	24/150 *)
Ξ	6.5	Battery weight		kg	163 *)
Others	8.1	Type of drive control			BT Powerdrive
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 $^{^{1)}}$ Measured according to company standard $^{2)}$ S3 6%

Data is based on standard configurations: Small battery compartment, h_{23} = 3300 mm Duplex Tele mast.

Truck performance and dimensions are nominal and subject to tolerances.

BT Products AB products and specifications are subject to change without notice.

^{*)} Further alternatives are available and will produce other values.

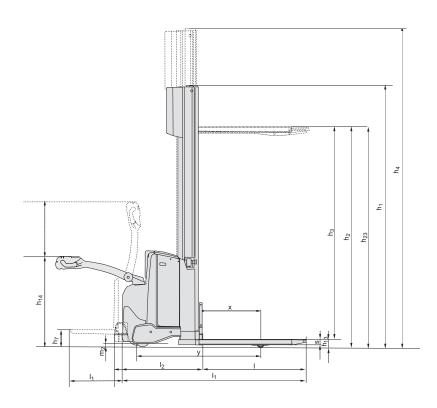
Battery dependent dimensions

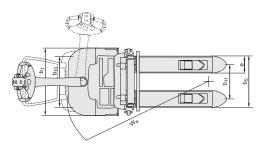
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Biometrica		Battery		SWE100				
Dimensions			artment	Small	Medium	Large		
1.9	Wheelbase	у	mm	1190	1247	1297		
	Overall length							
4.19	without platform	l,	mm	1831	1888	1938		
	with platform up/down		mm	1916/2306	1973/2363	2023/2413		
	Length to face of forks							
4.20	without platform	l ₂	mm	683	740	790		
	with platform up/down		mm	768/1158	825/1215	875/1265		
	Aisle width for pallets 1000x1200 crossways							
4.33	without platform	A _{st}	mm	2231	2288	2338		
	with platform up/down		mm	2316/2716	2373/2773	2423/2823		
	Aisle width for pallets 800x1200 lengthways							
4.34	without platform	A _{st}	mm	2214	2271	2321		
	with platform up/down		mm	2299/2699	2356/2756	2406/2806		
4.35	Turning radius							
	without platform	W _a	mm	1340	1397	1447		
	with platform up/down		mm	1425/1825	1482/1882	1532/1932		
6.4	Battery voltage, nominal capacity K ₅		V/Ah	24/150	24/225	24/300		
6.5	Battery weight, min.—max.		kg	120—165	189—250	230—280		

Mast dimensions

SWE100	0	Simplex		Duplex Tele			Duplex Tele Panoramic View			
h ₂₃	Lift height (h ₁₃ +h ₃)	mm	1400	1700	2700	2900	3300	2700	2900	3300
h ₃	Lift	mm	1310	1610	2610	2810	3210	2610	2810	3210
h ₁	Height, mast lowered	mm	1825	2125	1851	1951	2151	1835	1935	2135
h ₂	Free lift, ground to top of forks	mm	1400	1700	166	166	166	166	166	166
h ₄	Height, mast extended	mm	1825	2125	3125	3325	3725	3120	3320	3720





Truck features:

- BT Powerdrive System
- Fingertip controls
- Electronic braking system
- Electronic speed control
- Operator safety
- Storage compartments
- Automatic switch-off
- Click-2-creep
- Programmable performance
- Easy access for maintenance
- Built in charger (option)
- Flip-up operator platform (option)
- Toyota I_site: truck fleet management system (option)
- Hydraulic oil for low temperatures (option)



