

Pedestrian stacker truck 2.0 ton



BT staxio

W-series

SWE200D



Pedestrian stacker double stacking

Specification for stacker trucks					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	x	mm	873
	1.9	Wheelbase	y	mm	1483
Weight	2.1	Service weight including battery		kg	879
	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			Friction/Vulkollan/Vulkollan
	3.2	Wheel size, front		mm	Ø230x70
	3.3	Wheel size, rear		mm	Ø85x74
	3.4	Additional wheels (dimensions)		mm	Ø125x50
	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
	4.8	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
	4.19	Overall length	l_1	mm	1910
	4.20	Length to face of forks	l_2	mm	760
	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
4.33	Aisle width for pallets 1000 x 1200 crossways	A_{st}	mm	2452	
4.34	Aisle width for pallets 800 x 1200 lengthways	A_{st}	mm	2356	
4.35	Turning radius	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		kW	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	219 *)
	6.6	Energy consumption according to VDI cycle		kWh/h	0,65
	Others	8.1	Type of drive control		

¹⁾ Measured according to company standard

²⁾ S3 6%

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

Data is based on standard configurations: $h_{23} = 2100$ mm Duplex Tele Panoramic View mast.

Truck performance and dimensions are nominal and subject to tolerances.

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

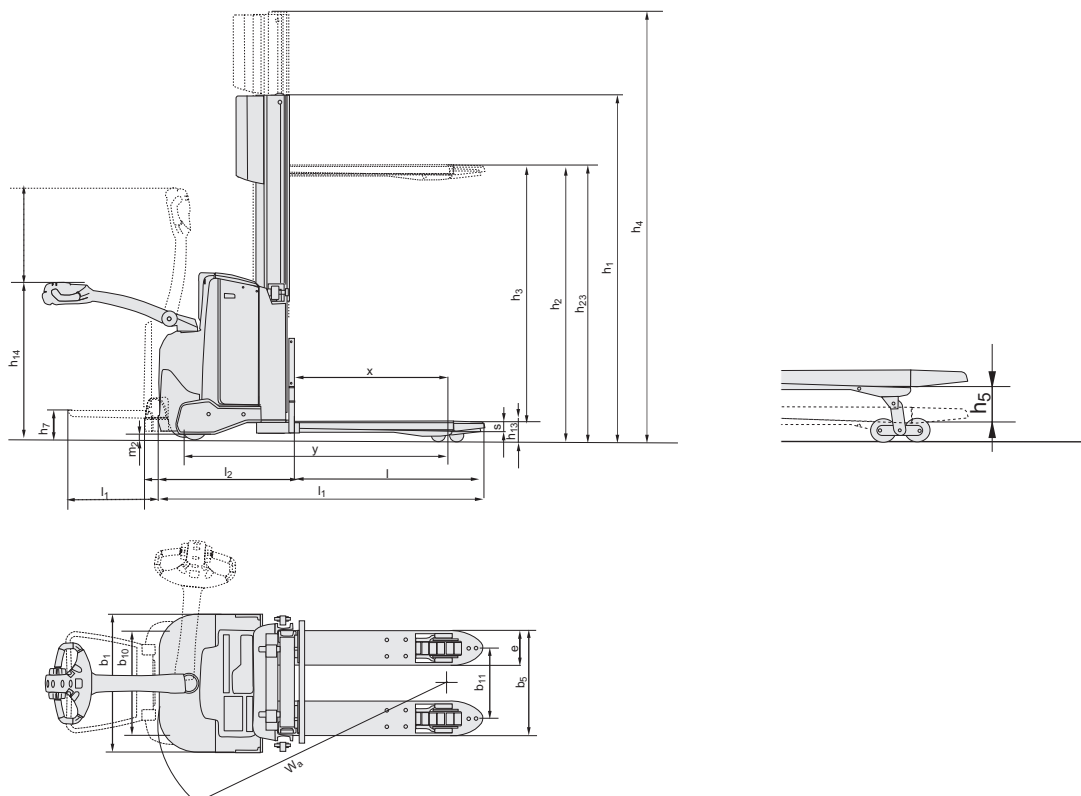
Battery dependent dimensions

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Dimensions		Battery change		SWE200D		
				Lift out		Sideways
		Battery compartment		Medium	Large	Large
1.9	Wheelbase	y	mm	1483	1533	1533
4.19	Overall length without platform with platform up/down	l ₁	mm	1910	1960	1960
			mm	1995/2385	2045/2435	2045/2435
4.20	Length to face of forks without platform with platform up/down	l ₂	mm	760	810	810
			mm	845/1235	895/1285	895/1285
4.33	Aisle width for pallets 1000x1200 crossways without platform with platform up/down	A _{st}	mm	2452	2502	2502
			mm	2537/2937	2587/2987	2587/2987
4.34	Aisle width for pallets 800x1200 lengthways without platform with platform up/down	A _{st}	mm	2355	2405	2405
			mm	2440/2840	2490/2890	2490/2890
4.35	Turning radius without platform with platform up/down	W _a	mm	1639	1689	1689
			mm	1724/2124	1774/2174	1774/2174
6.4	Battery voltage, nominal capacity K ₅		V/Ah	24/225	24/300	24/260
6.5	Battery weight, min.—max.		kg	189—250	230—280	209—250

Mast dimensions

SWE200D			Duplex Tele			Dupl. Tele Panoram. 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



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)
- Sensilift (option)
- Flip-up operator platform (option)
- Toyota I_site: truck fleet management system (option)
- Hydraulic oil for low temperatures (option)

