

BT Staxio

SWE200D



Pedestrian Stacker double stacking

BT Staxio

Specification for stacker trucks					SWE200D
Identification	1.1	Manufacturer			BT
	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			Powerfriction/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	2493	
4.34	Aisle width for pallets 800 x 1200 lengthways	A _{st}	mm	2349	
4.35	Turning radius	W _a	mm	1632	
Performance data	5.1	Travel speed, with/without load		km/h	6/6
	5.2	Lift speed, with/without load		m/s	0.14/0.27
	5.3	Lowering speed, with/without load		m/s	0.38/0.32
	5.8	Max. gradeability, with/without load		%	8/12 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 ₅		V/Ah	24/225 *)
	6.5	Battery weight		kg	214 *)
Others	8.1	Type of drive control			BT Powerdrive

¹⁾ Measured according to company standard

²⁾ S3 6%

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

Data is based on standard configurations: h₂₃ = 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

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 1995/2385	1960 2045/2435	1960 2045/2435
4.20	Length to face of forks without platform with platform up/down	l_2	mm	760 845/1235	810 895/1285	810 895/1285
4.33	Aisle width for pallets 1000x1200 crossways without platform with platform up/down	A_{st}	mm	2493 2578/2978	2542 2627/3027	2542 2627/3027
4.34	Aisle width for pallets 800x1200 lengthways without platform with platform up/down	A_{st}	mm	2349 2434/2834	2398 2483/2883	2398 2483/2883
4.35	Turning radius without platform with platform up/down	W_a	mm	1632 1717/2117	1681 1766/2166	1681 1766/2166
6.4	Battery voltage, nominal capacity K_5		V/Ah	24/225	24/300	24/260
6.5	Battery weight, min.—max.		kg	180—220	220—270	220—230

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	1351	1451	1551	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	2136	2336	2536	2120	2320	2520



