

BT Staxio

SWE080L



Pedestrian Stacker with elevating support arms

BT Staxio

Specification for stacker trucks					SWE080L	
Identification	1.1	Manufacturer				BT
	1.2	Model				SWE080L
	1.3	Drive				Electric
	1.4	Operator type				Pedestrian
	1.5	Load capacity/rated load		Q	kg	800
		Support arm capacity/fork and support arm capacity		Q	kg	2000/—
	1.6	Load centre		c	mm	600
	1.8	Load distance, centre of support arm wheel to face of forks		x	mm	815
	1.9	Wheelbase		y	mm	1293
Weight	2.1	Service weight including battery			kg	679
	2.2	Axle load, with load, drive/castor/fork wheel			kg	525/150/830
	2.3	Axle load, without load, drive/castor/fork wheel			kg	375/150/180
Wheels	3.1	Drive/castor/fork wheel				Powerfriction/Vulkollan/Vulkollan *)
	3.2	Wheel size, front			mm	Ø85x74
	3.3	Wheel size, rear			mm	Ø230x70
	3.4	Additional wheels (dimensions)			mm	Ø125x50
	3.5	Wheels, number front/rear (x=driven wheels)				4/1x+2
	3.6	Track width, front		b ₁₀	mm	390
	3.7	Track width, rear		b ₁₁	mm	430
Dimensions	4.2	Height, mast lowered		h ₁	mm	1863 *)
	4.3	Free lift		h ₂	mm	1580 *)
	4.4	Lift		h ₃	mm	1490 *)
		Lift height		h ₂₃	mm	1580 *)
	4.5	Height, mast extended		h ₄	mm	1863 *)
	4.6	Initial lift		h ₅	mm	120
	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	1777
	4.20	Length to face of forks		l ₂	mm	627
	4.21	Overall width		b ₁	mm	726
	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	25
4.32	Ground clearance, centre of wheelbase		m ₂	mm	25	
4.33	Aisle width for pallets 1000x1200 crossways		A _{st}	mm	2329	
4.34	Aisle width for pallets 800x1200 lengthways		A _{st}	mm	2197	
4.35	Turning radius		W _a	mm	1442	
Performance data	5.1	Travel speed, with/without load			km/h	6/6
	5.2	Lift speed, with/without load			m/s	0.14/0.21
	5.3	Lowering speed, with/without load			m/s	0.29/0.20
	5.8	Max. gradeability, with/without load			%	9/18 ¹⁾
	5.10	Service brake				Electromagnetic
Electric motor	6.1	Drive motor rating S2 60 min			kW	1.0
	6.2	Lift motor rating at S3 15%			kW	2.0 ²⁾
	6.4	Battery voltage/nominal capacity K _s			V/Ah	2x12/2x180 *)
	6.5	Battery weight			kg	2x92 *)
Others	8.1	Type of drive control				BT Powerdrive

¹⁾ Measured according to company standard

²⁾ S3 7%

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

Data is based on standard configurations: h₂₃ = 1580 mm Mono mast.

Truck performance and dimensions are nominal and subject to tolerances.
BT Products AB products and specifications are subject to change without notice.

Mast dimensions

SWE080L			Mono	
h_{23}	Lift height ($h_{13}+h_3$)	mm	600	1580
h_3	Lift	mm	510	1490
h_1	Height, mast lowered	mm	908	1863
h_2	Free lift, ground to top of forks	mm	600	1580
h_4	Height, mast extended	mm	908	1863



