

Pedestrian stacker truck 0.8 ton

BT staxio

W-series

SWE080L



Pedestrian stacker with elevating support arms

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	874
	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			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	430
	3.7	Track width, rear	b ₁₁	mm	390
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	628
	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	2256
	4.34	Aisle width for pallets 800x1200 lengthways	A _{st}	mm	2159
	4.35	Turning radius	W _a	mm	1443
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	2x12/180 *)
	6.5	Battery weight		kg	2x109 *)
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.

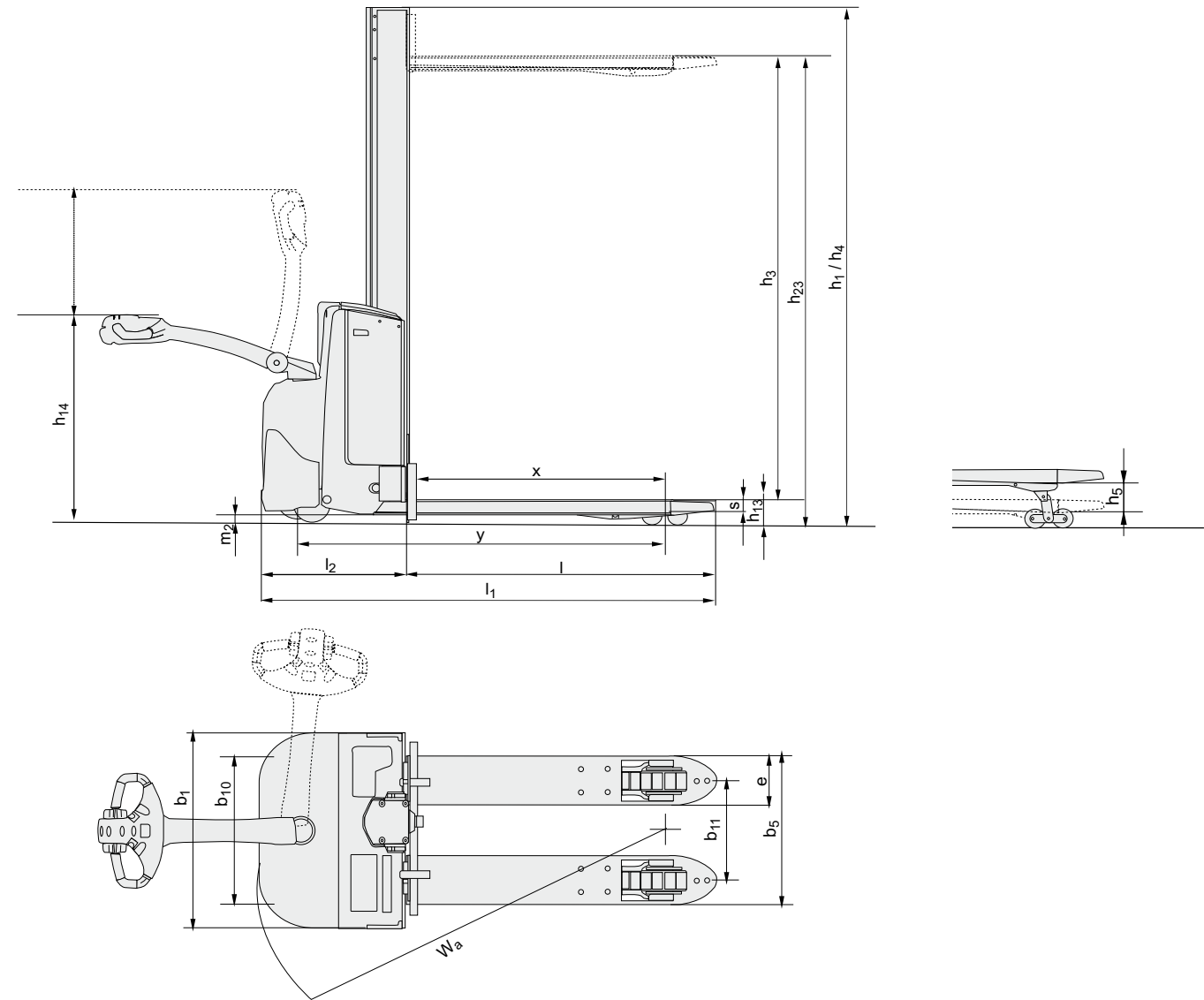
Data is based on standard configurations: h₂₃ = 1580 mm Mono mast.

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

Mast dimensions

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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



Truck features:

- BT Powerdrive System
- Castorlink 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)
- Toyota I_site: truck fleet management system (option)
- Hydraulic oil for low temperatures (option)

