

# *Preliminary data*

## 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 <sub>10</sub>	mm	390
	3.7	Track width, rear	b <sub>11</sub>	mm	430
Dimensions	4.2	Height, mast lowered	h <sub>1</sub>	mm	1863 *)
	4.3	Free lift	h <sub>2</sub>	mm	1580 *)
	4.4	Lift	h <sub>3</sub>	mm	1490 *)
		Lift height	h <sub>23</sub>	mm	1580 *)
	4.5	Height, mast extended	h <sub>4</sub>	mm	1863 *)
	4.6	Initial lift	h <sub>5</sub>	mm	120
	4.9	Height of tiller in drive position, min./max.	h <sub>14</sub>	mm	865/1235
	4.15	Height, fork lowered	h <sub>13</sub>	mm	90
	4.19	Overall length	l <sub>1</sub>	mm	1777
	4.20	Length to face of forks	l <sub>2</sub>	mm	627
	4.21	Overall width	b <sub>1</sub>	mm	726
	4.22	Fork dimensions	s/e/l	mm	60/180/1150 *)
	4.24	Fork-carriage width	b <sub>3</sub>	mm	674
	4.25	Width over forks	b <sub>3</sub>	mm	570 *)
	4.31	Ground clearance, with load, below mast	m <sub>1</sub>	mm	25
4.32	Ground clearance, centre of wheelbase	m <sub>2</sub>	mm	25	
4.33	Aisle width for pallets 1000x1200 crossways	A <sub>st</sub>	mm	2329	
4.34	Aisle width for pallets 800x1200 lengthways	A <sub>st</sub>	mm	2197	
4.35	Turning radius	W <sub>a</sub>	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 <sup>2)</sup>		%	9/18 <sup>1)</sup>
	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 <sup>2)</sup>
	6.4	Battery voltage/nominal capacity K <sub>s</sub>		V/Ah	2x12/2x180 *)
	6.5	Battery weight		kg	2x92 *)
Others	8.1	Type of drive control			BT Powerdrive

<sup>1)</sup> Measured according to company standard

<sup>2)</sup> S3 7%

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

Data is based on standard configurations: h<sub>23</sub> = 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	908	1863
$h_4$	Height, mast extended	mm	600	1580



