

# Pedestrian stacker truck 1.2 ton



**BT staxio**

*P-series*

**SPE120XRD**



# Pedestrian stacker double stacking

Specifications						SPE120XRD
Identification	1.1	Manufacturer				BT
	1.2	Model				SPE120XRD
	1.3	Drive				Electric
	1.4	Operator type				Pedestrian
	1.5	Load capacity/rated load	Q	kg		1200/750
		Double stacking capacity	Q	kg		600+600
	1.6	Load centre	c	mm		600
	1.8	Load distance, centre of support arm wheel to face of forks	x	mm		665
	1.9	Wheelbase	y	mm		1465
Weight	2.1	Service weight including battery		kg		1980
	2.3	Axle load, mast retracted without load, drive/castor/support arm wheel		kg		510/950/520
	2.4	Axle load, mast extended with load, drive/castor/support arm wheel		kg		340/170/2670
	2.5	Axle load, mast retracted with load, drive/castor/support arm wheel		kg		490/1030/1660
Wheels	3.1	Drive/castor/support arm wheel				Vulkollan
	3.2	Wheel size, front		mm		Ø 215x70
	3.3	Wheel size, rear		mm		Ø 140x60
	3.4	Additional wheels (dimensions)		mm		Ø 125x50
	3.5	Wheels, number front/rear (x=driven wheels)				1x+2/2
	3.6	Track width, front	b <sub>10</sub>	mm		580
	3.7	Track width, rear	b <sub>11</sub>	mm		995
Dimensions	4.2	Height, mast lowered	h <sub>1</sub>	mm		1846
	4.4	Lift	h <sub>3</sub>	mm		2460
		Lift height	h <sub>23</sub>	mm		2500
	4.5	Height, mast extended	h <sub>4</sub>	mm		3077
	4.6	Initial lift	h <sub>5</sub>	mm		300
	4.8	Stand height (optional platform)	h <sub>7</sub>	mm		150
	4.9	Height of tiller in drive position, min./max.	h <sub>14</sub>	mm		1085/1435
	4.10	Height of support arms	h <sub>8</sub>	mm		160
	4.15	Height, fork lowered	h <sub>13</sub>	mm		40
	4.19	Overall length	l <sub>1</sub>	mm		2290
	4.20	Length to face of forks	l <sub>2</sub>	mm		1090
	4.21	Overall width	b <sub>1</sub>	mm		1085
	4.22	Fork dimensions	s/e/l	mm		35/75/1200
	4.24	Fork carriage width	b <sub>3</sub>	mm		850
	4.25	Width over forks, low/high lift	b <sub>5</sub>	mm		340/510
	4.26	Distance between support arms	b <sub>4</sub>	mm		850
	4.28	Reach distance	l <sub>4</sub>	mm		780
	4.31	Ground clearance, with load, below mast	m <sub>1</sub>	mm		35
	4.32	Ground clearance, centre of wheelbase	m <sub>2</sub>	mm		35
	4.34	Aisle width for pallets 800 x 1200 lengthways	A <sub>st</sub>	mm		2608
	4.35	Turning radius	W <sub>a</sub>	mm		1740
Performance data	5.1	Travel speed, with/without load		km/h		7,0/8,0
	5.2	Lift speed, with/without load		m/s		0,25/0,40
	5.3	Lowering speed, with/without load		m/s		0,54/0,44
	5.8	Max. gradeability, with/without load <sup>1)</sup>		%		12/10
	5.10	Service brake				Electric
Electric motor	6.1	Drive motor rating S2 60 min		kW		1,7
	6.2	Lift motor rating at S3 20%		kW		3,0
	6.4	Battery voltage/nominal capacity K <sub>s</sub>		V/Ah		24/255
	6.5	Battery weight, min./max.		kg		200/250
	6.6	Energy consumption acc to VDI cycle <sup>2)</sup>		kWh/h		
Others	8.1	Type of drive control				Electric AC
	8.4	Sound level at the driver's ear acc to EN12 053		dB(A)		<70

1) Measured according to company standard

2) Contact your supplier for information

All data are based on table configuration. Other configurations may give other values.

Truck performance and dimensions are nominal and subject to tolerances.

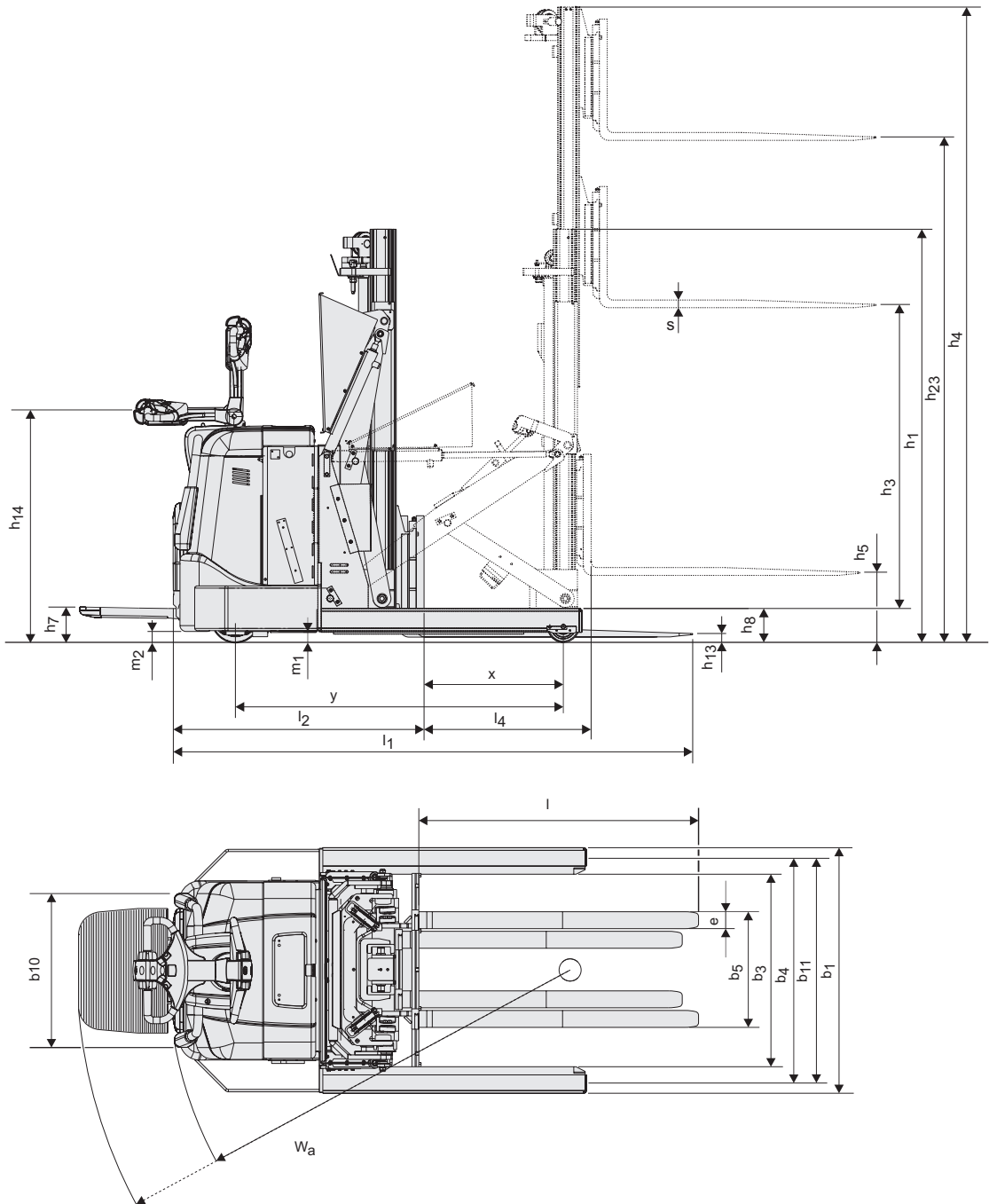
BT products and specifications are subject to change without notice.

# Battery dependent dimensions

Dimensions				SPE120XRD
4.20	Length to face of forks	$l_2$	mm	1036
	without platform		mm	1081/1508
4.34	Aisle width for pallets 800x1200 lengthways	$A_{st}$	mm	2608/3028
	with platform up/down		mm	
4.35	Turning radius	$W_a$	mm	1740
	without platform		mm	1740/2167

# Mast dimensions

SPE120XRD			Duplex Tele
$h_{23}$	Lift height ( $h_{13}+h_3$ )	mm	2500
$h_3$	Lift	mm	2460
$h_1$	Height, mast lowered	mm	1786
$h_4$	Height, mast extended	mm	3060



## Truck features:

- BT Powerdrive System
- Fingertip controls
- Electronic braking system
- Electronic speed control
- Operator safety
- Storage compartments
- Automatic switch-off
- Programmable performance
- Easy access for maintenance
- Flip-up operator platform (option)
- Adjustable max. load limitation 500 kg to 1200 kg

