

# Pedestrian stacker truck 1.2 - 1.4 ton



## BT staxio

*W-series*

SWE120

SWE140



# Pedestrian stacker

Specification for stacker trucks						SWE120	SWE140
Identification	1.1	Manufacturer				Toyota	Toyota
	1.2	Model				SWE120	SWE140
	1.3	Drive				Electric	Electric
	1.4	Operator type				Pedestrian	Pedestrian
	1.5	Load capacity/rated load	Q	kg	1200	1400	
	1.6	Load centre	c	mm	600	600	
	1.8	Load distance, centre of support arm wheel to face of forks	x	mm	645	645	
	1.9	Wheelbase	y	mm	1252	1252	
	Weight	2.1	Service weight including battery		kg	907	907
2.2		Axle load, with load, drive/castor/support arm wheel		kg	400/290/1445	450/245/1640	
2.3		Axle load, without load, drive/castor/support arm wheel		kg	400/250/285	450/200/285	
Wheels	3.1	Drive/castor/fork wheel				Polyurethane	Polyurethane
	3.2	Wheel size, front		mm	Ø230x70	Ø230x70	
	3.3	Wheel size, rear		mm	Ø85x95	Ø85x95	
	3.4	Additional wheels (dimensions)		mm	Ø125x50	Ø125x50	
	3.5	Wheels, number front/rear (x = driven wheels)			1x+2/2	1x+2/2	
	3.6	Track width, front	b <sub>10</sub>	mm	550	550	
	3.7	Track width, rear	b <sub>11</sub>	mm	390	390	
Dimensions	4.2	Height, mast lowered	h <sub>1</sub>	mm	2135 *)	2160 *)	
	4.3	Free lift	h <sub>2</sub>	mm	166 *)	166 *)	
	4.4	Lift	h <sub>3</sub>	mm	3210 *)	3165 *)	
		Lift height	h <sub>23</sub>	mm	3300 *)	3255 *)	
	4.5	Height, mast extended	h <sub>4</sub>	mm	3720 *)	3725 *)	
	4.8	Stand height (optional platform)	h <sub>7</sub>	mm	150	150	
	4.9	Height of tiller in drive position without platform, min./max.	h <sub>14</sub>	mm	865/1235	865/1235	
		Height of tiller in drive position with platform, min./max.	h <sub>14</sub>	mm	1055/1235	1055/1235	
	4.15	Height, fork lowered	h <sub>13</sub>	mm	90	90	
	4.19	Overall length	l <sub>1</sub>	mm	1906	1906	
	4.20	Length to face of forks	l <sub>2</sub>	mm	756	756	
	4.21	Overall width	b <sub>1</sub>	mm	770	770 *)	
	4.22	Fork dimensions	s/e/l	mm	60/180/1150 *)	70/180/1150 *)	
	4.24	Fork-carriage width	b <sub>3</sub>	mm	674	674	
	4.25	Width over forks	b <sub>5</sub>	mm	570 *)	570 *)	
	4.31	Ground clearance, with load, below mast	m <sub>1</sub>	mm	27	27	
4.32	Ground clearance, centre of wheelbase	m <sub>2</sub>	mm	27	27		
4.34.1	Aisle width for pallets 1000x1200 crossways	A <sub>st</sub>	mm	2300	2300		
4.34.2	Aisle width for pallets 800x1200 lengthways	A <sub>st</sub>	mm	2287	2287		
4.35	Turning radius	W <sub>a</sub>	mm	1403	1403		
Performance data	5.1	Travel speed, with/without load		km/h	6/6	6/6	
	5.2	Lift speed, with/without load		m/s	0.12/0.28	0.11/0.28	
	5.3	Lowering speed, with/without load		m/s	0.38/0.38	0.37/0.38	
	5.8	Max. gradeability, with/without load		%	8/12 <sup>1)</sup>	8/12 <sup>1)</sup>	
	5.10	Service brake			Electromagnetic	Electromagnetic	
Electric motor	6.1	Drive motor rating S2 60 min		kW	1.0	1.5	
	6.2	Lift motor rating at S3 15%		kW	2.2 <sup>2)</sup>	2.2 <sup>2)</sup>	
	6.4	Battery voltage/nominal capacity K <sub>s</sub>		V/Ah	24/225 *)	24/225 *)	
	6.5	Battery weight		kg	192 <sup>1)</sup>	192 <sup>1)</sup>	
	6.6	Energy consumption according to VDI cycle		kWh/h	0,79	0,94	
		Energy consumption acc. to EN16796:2016		kWh/h	0,6	0,71	
	6.7	Turnover output		t/h	52,8	61,9	
	6.8	Energy consumption at turnover output		kWh/h	1,07	1,39	
Others	8.1	Type of drive control			Variable AC	Variable AC	

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

<sup>2)</sup> S3 6%

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

Data is based on standard configurations: Medium battery compartment, h<sub>23</sub> = 3300 mm (SWE120) and 3255 mm (SWE140) Duplex Tele Panoramic View mast.

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

Truck performance and dimensions are nominal and subject to tolerances.

Toyota Material Handling Manufacturing Sweden AB products and specifications are subject to change without notice.



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## Truck features:

- BT Powerdrive 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)
- Sensilift (option)
- Flip-up operator platform (option)
- Toyota I\_site: truck fleet management system (option)
- Hydraulic oil for low temperatures (option)

