

Pedestrian stacker truck 1.4 ton



BT staxio

W-series

SWE140S



Pedestrian stacker straddle version

Specification for stacker trucks					SWE140S
Identification	1.1	Manufacturer			Toyota
	1.2	Model			SWE140S
	1.3	Drive			Electric
	1.4	Operator type			Stand on/pedestrian
	1.5	Load capacity/rated load	Q	kg	1400
	1.6	Load centre	c	mm	600
	1.8	Load distance, centre of support arm wheel to face of forks	x	mm	758
	1.9	Wheelbase	y	mm	1443
	Weight	2.1	Service weight including battery		kg
2.2		Axle load, with load, drive/castor/support arm wheel		kg	510/625/1774
2.3		Axle load, without load, drive/castor/support arm wheel		kg	360/630/519
Wheels	3.1	Drive/castor/fork wheel			Polyurethane
	3.2	Wheel size, front		mm	Ø 230
	3.3	Wheel size, rear		mm	Ø 140/ Ø 85
	3.4	Additional wheel size		mm	Ø 125
	3.5	Wheels, number front/rear (x = driven wheels)			1x+2/2 or 4
	3.6	Track width, front	b ₁₀	mm	585
	3.7	Track width, rear	b ₁₁	mm	985*
Dimensions	4.2	Height, mast lowered	h ₁	mm	1955
	4.3	Free lift	h ₂	mm	1478
	4.4	Lift	h ₃	mm	4050
		Lift height	h ₂₃	mm	4100
	4.5	Height, mast extended	h ₄	mm	4668
	4.9	Height of tiller in drive position, min./max. pedestrian	h ₁₄	mm	869/1294
	4.10	Height of support arm	h ₁₀	mm	140 or 93
	4.15	Height, fork lowered	h ₁₃	mm	50
	4.19	Overall length	l ₁	mm	2041
	4.20	Length to face of forks, without platform	l ₂	mm	891
	4.21	Overall width	b ₁ / b ₂	mm	790/1172*
	4.22	Fork dimensions	s/e/l	mm	40/100/1150
	4.25	Width over forks	b ₅	mm	250-890
	4.26	Distance between support arms	b ₄	mm	900-1300
	4.32	Ground clearance, centre of wheelbase	m ₂	mm	40/32,5
4.33	Aisle width for pallets 1000x1200 crossways	A _{st}	mm	2517	
4.34	Aisle width for pallets 800x1200 lengthways	A _{st}	mm	2396	
4.35	Turning radius	W _a	mm	1600	
Performance data	5.1	Travel speed, with/without load		km/h	6,0/6,0
	5.2	Lift speed, with/without load		m/s	0,17/0,33
	5.3	Lowering speed, with/without load		m/s	0,45/0,45
	5.8	Max. gradeability, with/without load ¹⁾		%	8/12
	5.9	Acceleration time (over 10 m)		s	7,1
	5.10	Service brake			Electromagnetic
Electric motor	6.1	Drive motor rating (S2 60min)			1,8
	6.2	Lift motor rating (S3 15%)		kW	3
	6.4	Battery voltage, nominal capacity K _s		V/Ah	24/300
	6.5	Battery weight		kg	195-270
	6.6	Energy consumption acc to VDI cycle		kWh/h	1,078
	Others	8.1	Type of drive control		
8.4		Sound level at the driver's ear according to EN 12 053		dB (A)	66

1) Measured according to company standard.

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

Data is based on standard truck and small battery.

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 products and specifications are subject to change without notice.

Truck features:

- BT Powertrak traction system
- Optimized Truck Performance
- Fingertip controls
- Electronic braking system
- Electronic speed control
- Operator safety
- Storage compartments
- Automatic switch-off
- Programmable performance
- Easy access for maintenance
- Sensilift
- Toyota I_site: truck fleet management system (option)
- Hydraulic oil for low temperatures (option)

