SWE120S

Specific	ations				SWE120S
	1.1	Manufacturer			Toyota
Identification	1.2	Model			SWE120S
	1.3	Drive			Electric
	1.4	Operator type			Pedestrian
	1.5	Load capacity/rated load	Q	kg	1200
<u>de</u>	1.6	Load centre	C	mm	600
	1.8	Load distance, centre of support arm wheel to face of forks	x	mm	561
	1.9	Wheelbase	у	mm	1208
	2.1	Service weight including battery	,	kg	987
Weight	2.2	Axle load, with load, drive/support arm wheel		kg	635/1580
×	2.3	Axle load, without load, drive/support arm wheel		kg	675/340
	3.1	Drive/support arm wheel		1.5	Polyurethane
"	3.2	Wheel size, front		mm	Ø 230x70
Wheels	3.3	Wheel size, rear		mm	Ø 100x73
₹	3.5	Wheels, number front/rear (x = driven wheels)			1x/2
	3.7	Track width, rear	b ₁₁	mm	1000
	4.2	Height, mast lowered	h ₁	mm	1832 *
	4.3	Free lift	h ₂	mm	1380 *
	4.4	Lift	h ₃	mm	2655 *
		Lift height	h ₂₃	mm	2655 *
	4.5	Height, mast extended	h ₄	mm	3226 *
	4.8	Stand height (optional platform)	h ₇	mm	150
	4.9	Height of tiller in drive position, min./max.	h ₁₄	mm	865/1235
	4.10	Height of support arm	h ₁₀	mm	100
SU	4.15	Height, fork lowered	h ₁₃	mm	50
	4.19	Overall length	I ₁	mm	1946
Dimensions	4.20	Length to face of forks	l ₂	mm	784
ime	4.21	Overall width	b ₁ /b ₂	mm	770/1100 *
	4.22	Fork dimensions	s/e/l	mm	40/100/1150 *
	4.24	Fork-carriage width	b ₃	mm	840
	4.25	Width over forks	b ₅	mm	252—800
	4.26	Distance between support arms	b ₄	mm	900 *
	4.31	Ground clearance, with load, below mast	m ₁	mm	32
	4.32	Ground clearance, centre of wheelbase	m ₂	mm	40
	4.34.1	Aisle width for pallets 1000x1200 crossways	A _{st}	mm	2303
		Aisle width for pallets 800x1200 lengthways	A _{st}	mm	2314
	4.35	Turning radius	W _a	mm	1360
草	5.1	Travel speed, with/without load	a	km/h	6/6
e da	5.2	Lift speed, with/without load		m/s	0,11/0,21
Janc	5.3	Lowering speed, with/without load		m/s	0,33/0,24
Performance data	5.8	Max. gradeability, with/without load		%	8/10 1)
Per	5.10	Service brake			Electromagnetic
	6.1	Drive motor rating S2 60 min		kW	1,0
	6.2	Lift motor rating at S3 15%		kW	2,2 2)
tor	6.4	Battery voltage/nominal capacity K ₅		V/Ah	24/225 *
E	6.5	Battery weight		kg	192 <i>*</i>)
Electric motor	6.6	Energy consumption according to VDI cycle		kWh/h	0,79
		Energy consumption acc. to EN16796:2016		kWh/h	0,6
	6.7	Turnover output		t/h	52,8
	6.8	Energy consumption at turnover output		kWh/h	1,07
ler	8.1	Type of drive control			Variable AC
Other					

¹⁾ Measured according to company standard.

²⁹ S3 6%
* Further alternatives are available and will produce other values.
Data is based on standard configurations: Medium battery compartment, h₂₃ = 2655 mm Duplex Hi-Lo mast.

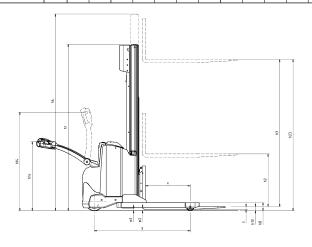
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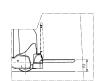
Battery dependent dimensions

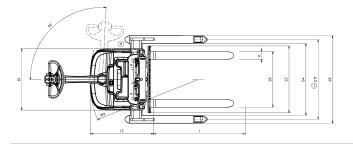
Dimen	sione.	Bat	tery	SWE120S						
Dilliens	SIOIIS	Compa	artment	Medium	Large					
1.9	Wheelbase	у	mm	1208	1258					
	Overall length		mm							
4.19	without platform	l ₁	mm	1888	1938					
	with platform up/down		mm	1973/2363	2023/2413					
	Length to face of forks									
4.20	without platform	l ₂	mm	796	846					
	with platform up/down		mm	881/1271	931/1321					
	Aisle width for pallets 1000x1200 crossways									
4.34.1	without platform	A _{st}	mm	2303	2353					
	with platform up/down		mm	2388/2788	2438/2838					
	Aisle width for pallets 800x1200 lengthways									
4.34.2	without platform	A _{st}	mm	2314	2364					
	with platform up/down		mm	2399/2799	2449/2849					
	Turning radius									
4.35	without platform	W _a	mm	1360	1410					
	with platform up/down		mm	1445/1845	1495/1895					
6.4	Battery voltage, nominal capacity, Lead-Acid	K ₅	V/Ah	24/225	24/300					
	Battery voltage, nominal capacity, Li-lon	K ₅	V/Ah	24/105	24/210					
6.5	Battery weight, nominal		kg	192	248					
	Battery weight, min max.		kg	185 - 285	185 - 285					

Mast dimensions

SWE120S				plex	Duplex Tele				Dupl. Tele Panoram.			View		Duplex Hi-Lo				Triplex Hi-Lo						
h ₂₃	Lift height (h ₁₃ +h ₃)	mm	1355	1655	2655	2855	3255	3655	4105	2655	2855	3255	3655	4105	2655	2855	3255	3655	4105	3255	3655	4105	4455	4755
h ₃	Lift	mm	1305	1605	2605	2805	3205	3605	4005	2605	2805	3205	3605	4005	2605	2805	3205	3605	4005	3205	3605	4005	4405	4705
h ₁	Height, mast lowered	mm	1822	2122	1837	1937	2137	2337	2562	1832	1932	2132	2332	2557	1832	1932	2132	2332	2557	1692	1826	1976	2092	2192
h ₂	Free lift, ground to top of forks	mm	1355	1655	126	126	126	126	126	126	126	126	126	126	1380	1480	1680	1880	2104	1230	1364	1514	1630	1730
h,	Height, mast extended	mm	1901	2201	3205	3405	3805	4205	4655	3205	3405	3805	4205	4655	3226	3426	3826	4226	4676	3822	4224	4674	5022	5322







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