

CESAB S100 1.0 tonne

Powered Stacker Trucks



Truck Specifications



CESAB S110 - S110S Truck Specifications

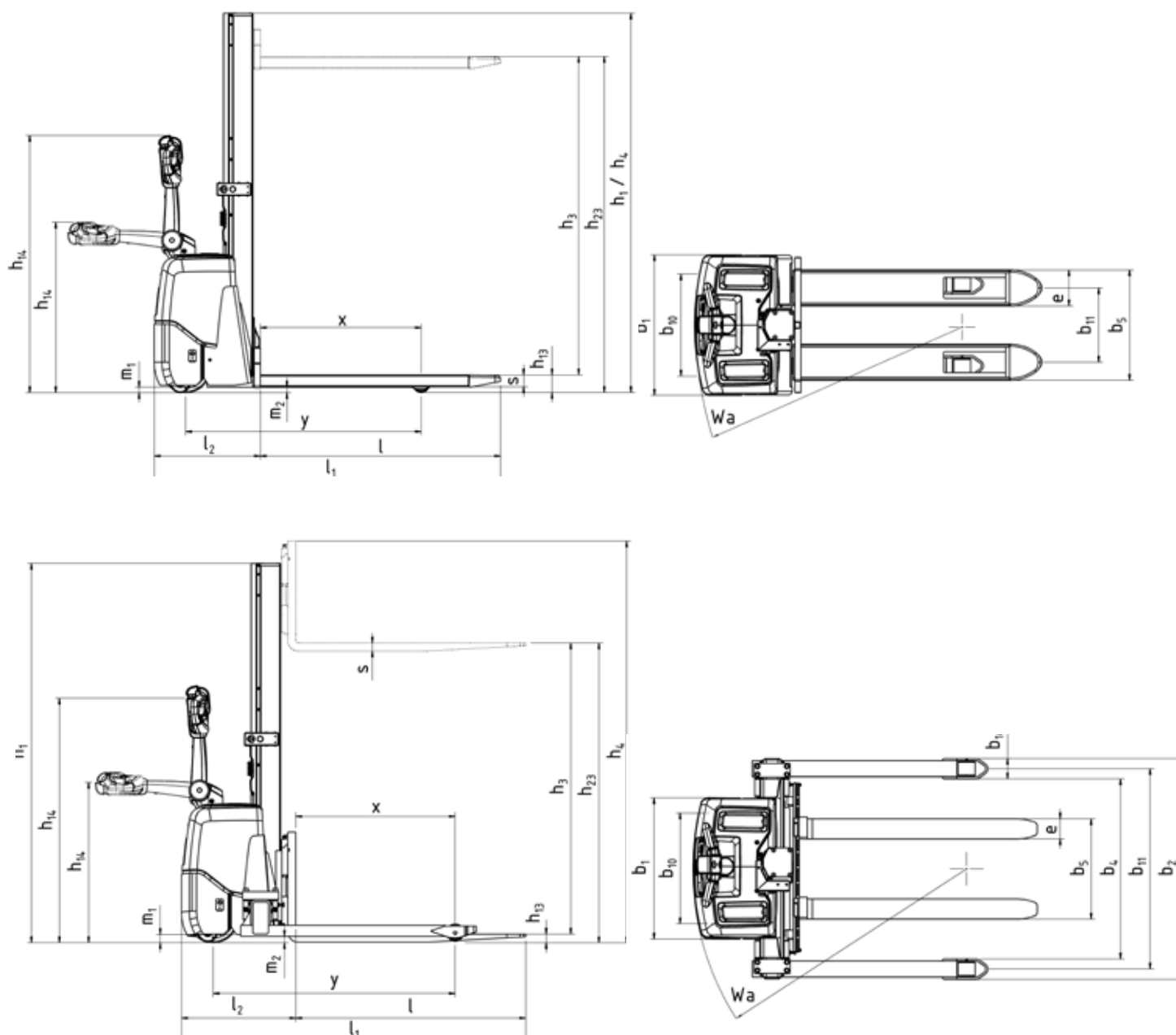
CHARACTERISTICS				
1.1	Manufacturer		CESAB	CESAB
1.2	Model		S110	S110S
1.3	Drive		Electric	Electric
1.4	Operator type		Pedestrian	Pedestrian
1.5	Load capacity/rated load	Q	[kg]	1000
1.6	Load centre	c	[mm]	600
1.8	Load distance, centre of support arm wheel to face of forks	x	[mm]	805
1.9	Wheelbase	y	[mm]	1178
WEIGHT				
2.1	Service weight including battery		[kg]	467
2.2	Axle load, with load, drive/castor/fork wheel		[kg]	353/151/963
2.3	Axle load, without load, drive/castor/fork wheel		[kg]	230/123/114
WHEELS				
3.1	Drive/castor/fork wheel			PU/PU/PU
3.2	Wheel size, front		[mm]	Ø250x60
3.3	Wheel size, rear		[mm]	Ø85x77
3.4	Additional wheels (dimensions)		[mm]	Ø100x40
3.5	Wheels, number front/rear (x=driven wheels)			2+1x/2
3.6	Track width, front	b ₁₀	[mm]	506
3.7	Track width, rear	b ₁₁	[mm]	364
DIMENSIONS				
4.2	Height, mast lowered	h ₁	[mm]	1890
4.4	Lift	h ₃	[mm]	1495
	Lift height	h ₂₃	[mm]	1580
4.5	Height, mast extended	h ₄	[mm]	1890
4.9	Height of tiller in neutral position	h ₁₄	[mm]	858/1222
4.15	Height, fork lowered	h ₁₃	[mm]	85
4.19	Overall length	l ₁	[mm]	1680
4.20	Length to face of forks	l ₂	[mm]	530
4.21	Overall width	b ₁ /b ₂	[mm]	700
4.22	Fork dimensions	s/e/l	[mm]	60/180/1150
4.25	Width over forks	b ₅	[mm]	550
4.26	Distance between support arms	b ₄	[mm]	-
4.27	Support arm width	b ₁₄	[mm]	-
4.31	Ground clearance, below mast	m ₁	[mm]	49
4.32	Ground clearance, centre of wheelbase	m ₂	[mm]	26
4.34	Aisle width for pallets 800x1200 lengthways	A _{st}	[mm]	2100
4.35	Turning radius	W _g	[mm]	1340
PERFORMANCE DATA				
5.1	Travel speed, with/without load		[km/h]	4.5/5.5
5.2	Lift speed, with/without load		[m/s]	0.12/0.21
5.3	Lowering speed, with/without load		[m/s]	0.15/0.14
5.8	Max. gradeability, with/without load ¹⁾		[%]	6/10
5.10	Service brake			Electromagnetic
ELECTRIC MOTOR				
6.1	Drive motor rating S2 60 min		[kW]	0.7
6.2	Lift motor rating at S3 11%		[kW]	1.2
6.4	Battery voltage/nominal capacity K _g		[V/Ah]	2x12/63
6.5	Battery weight		[kg]	2x23
6.6	Energy consumption acc. to VDI cycle (with h23=1580mm / with h23=2000mm)		[kWh/h]	0.62 / 0.76
OTHERS				
8.1	Type of drive control			Variable AC
8.4	Sound level at the driver's ear according to EN 12 053		[dB(A)]	66

¹⁾ Measured according to company standard

All data are based on table configuration. Other configurations may give other values.
Truck performance and dimensions are nominal and subject to tolerances.
Specifications are subject to change without notice.



CESAB S110 - S110S Dimensional Drawings



Mast Specifications

				S110		S110S		
h_{23}	Lift height ($h_{13}+h_3$)	[mm]	1180	1580	2000	1140	1540	1960
h_3	Lift	[mm]	1095	1495	1915	1100	1500	1920
h_1	Height, mast lowered	[mm]	1635	1890	2310	1635	1890	2310
h_4	Height, mast extended	[mm]	1635	1890	2310	1640	2040	2460

The data in this specification sheet was determined based on our standard testing conditions. Operating performance may vary depending on the actual specification and condition of the truck as well as the condition of the operating area. Availability and specifications are determined regionally and are subject to change without notice. Please consult your authorised CESAB dealership for further details. SPEC_S100_EN_2017 / P&B S100 V16 – Copyright CESAB Material Handling Europe.

