

# 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	1000
1.6	Load centre	c [mm]	600	600
1.8	Load distance, centre of support arm wheel to face of forks	x [mm]	805	800
1.9	Wheelbase	y [mm]	1172	1210
WEIGHT				
2.1	Service weight including battery	[kg]	467	606
2.2	Axle load, with load, drive/castor/fork wheel	[kg]	353/151/963	580/-/515
2.3	Axle load, without load, drive/castor/fork wheel	[kg]	230/123/114	400/-/80
WHEELS				
3.1	Drive/castor/fork wheel		PU	PU
3.2	Wheel size, front	[mm]	Ø250x60	Ø250x60
3.3	Wheel size, rear	[mm]	Ø85	Ø85
3.4	Additional wheels (dimensions)	[mm]	Ø100x40	-
3.5	Wheels, number front/rear (x=driven wheels)		2-1x/2	2-1x/2
3.6	Track width, front	b <sub>10</sub> [mm]	480	480
3.7	Track width, rear	b <sub>11</sub> [mm]	364	1000-1400
DIMENSIONS				
4.2	Height, mast lowered	h <sub>1</sub> [mm]	1890*	1890*
4.4	Lift	h <sub>3</sub> [mm]	1495*	1500*
	Lift height	h <sub>23</sub> [mm]	1580*	1540*
4.5	Height, mast extended	h <sub>4</sub> [mm]	1890*	2040*
4.9	Height of tiller in neutral position	h <sub>14</sub> [mm]	1300	1300
4.15	Height, fork lowered	h <sub>13</sub> [mm]	85	40
4.19	Overall length	l <sub>1</sub> [mm]	1680	1680
4.20	Length to face of forks	l <sub>2</sub> [mm]	530	530
4.21	Overall width	b <sub>1</sub> /b <sub>2</sub> [mm]	700/- <sup>2)</sup>	700/1100-1500
4.22	Fork dimensions	s/e/l [mm]	60/150/1150*	40/100/1150
4.25	Width over forks	b <sub>5</sub> [mm]	550*	250-800
4.26	Distance between support arms	b <sub>4</sub> [mm]	-	900-1300
4.27	Support arm width	b <sub>14</sub> [mm]	-	100
4.32	Ground clearance, centre of wheelbase	m <sub>1</sub> [mm]	26	26
4.34	Aisle width for pallets 800x1200 lengthways	A <sub>st</sub> [mm]	2100	2130
4.35	Turning radius	W <sub>a</sub> [mm]	1340	1365
PERFORMANCE DATA				
5.1	Travel speed, with/without load	[km/h]	4,3/5,4	4,3/5,4
5.2	Lift speed, with/without load	[m/s]	0,12/0,22	0,10/0,19
5.3	Lowering speed, with/without load	[m/s]	0,15/0,14	0,15/0,14
5.8	Max. gradeability, with/without load	[%]	5/10 <sup>1)</sup>	5/10 <sup>1)</sup>
5.10	Service brake		Electromagnetic	Electromagnetic
ELECTRIC MOTOR				
6.1	Drive motor rating S2 60 min	[kW]	0,5	0,5
6.2	Lift motor rating at S3 5%	[kW]	1,4	1,4
6.4	Battery voltage/nominal capacity K <sub>s</sub>	[V/Ah]	2x12/63	2x12/63
6.5	Battery weight	[kg]	2x23	2x23
OTHERS				
8.1	Type of drive control		Transistor, stepless	Transistor, stepless
8.4	Sound level at the driver's ear according to EN 12 053	[dB(A)]	66	66

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

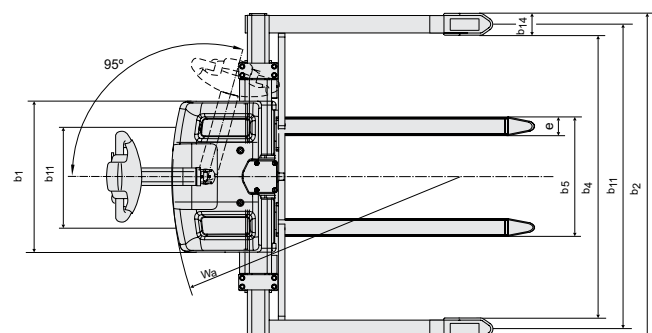
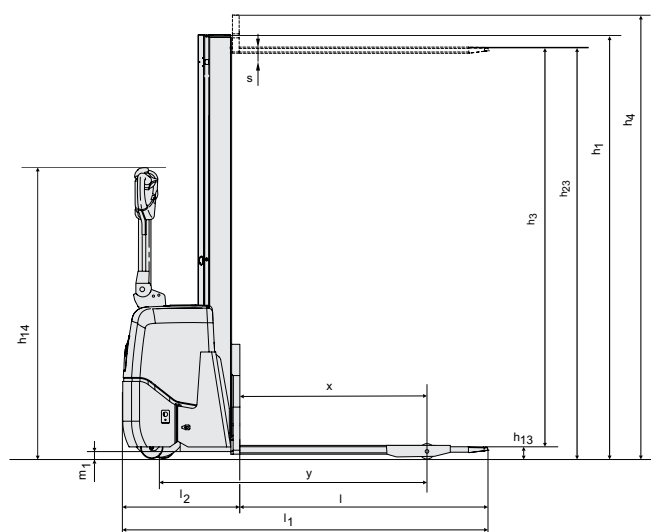
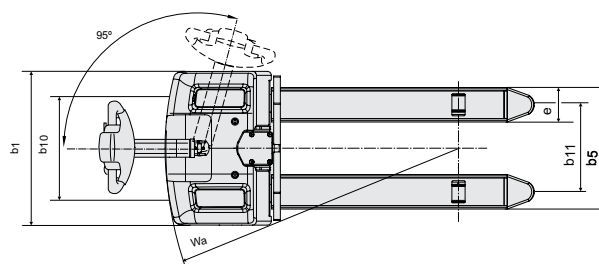
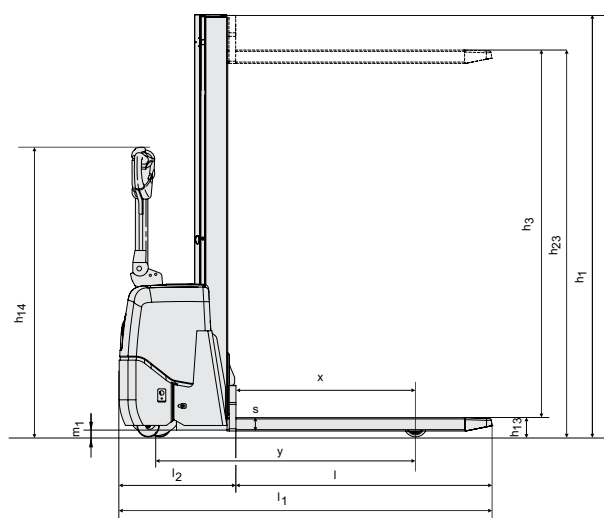
<sup>2)</sup> For b<sub>5</sub> = 685 mm, the width of the fork carriage (b<sub>2</sub>) is 790 mm

<sup>\*)</sup> Further alternatives are available and will produce other values.

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]	1580	2000	1540	1960
$h_3$	Lift	[mm]	1495	1915	1500	1920
$h_1$	Height, mast lowered	[mm]	1890	2310	1890	2310
$h_4$	Height, mast extended	[mm]	1890	2310	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\_2013 / P&B S100 V9 – Copyright CESAB Material Handling Europe.

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