



spec sheet

CESAB B200

1.0 – 1.5 tonne
2022 model

3-Wheel 24V
Electric counterbalanced trucks



ZERO
emissions

1,0 – 1,5 tonne

CESAB B210 – B215

Truck Specifications

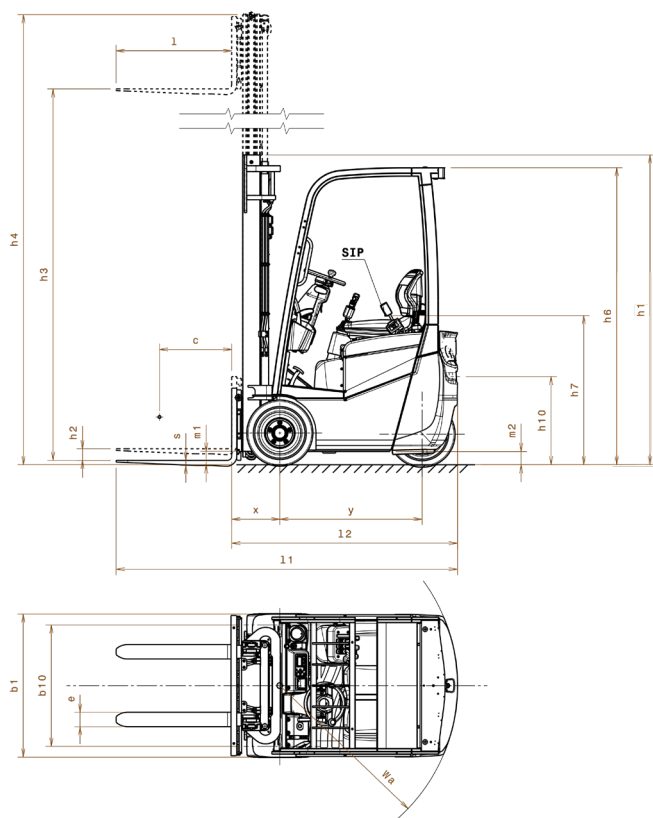
CHARACTERISTICS						
1.1	Manufacturer		CESAB	CESAB	CESAB	
1.2	Model designation		B210-II	B213-II	B215-II	
1.3	Power unit		Electric	Electric	Electric	
1.4	Operation		Driver seated	Driver seated	Driver seated	
1.5	Load capacity	Q	[t]	1,0	1,25	1,5
1.6	Load centre distance	c	[mm]	500	500	500
1.8	Load distance, centre of front axle to fork face	x	[mm]	330	330	330
1.9	Wheelbase	y	[mm]	984	1146	1146
WEIGHT						
2.1	Service weight (battery included)		[kg]	2516	2774	2907
2.2	Axle load, with load, front/rear		[kg]	2965/551	3396/628	3819/588
2.3	Axle load, without load, front/rear		[kg]	1098/1418	1209/1565	1187/1720
WHEELS AND TYRES						
3.1	Tyres: P=Pneumatic, SE=Superelastic, C=Cushion, G=Twin tyre			SE	SE	SE
3.2	Tyre size front			18x7-8	18x7-8	18x7-8
3.3	Tyre size rear			18x7-8	18x7-8	18x7-8
3.5	Wheels, number front/rear (x = driven)			2/1x	2/1x	2/1x
3.6	Track width, front	b10	[mm]	837	837	837
3.7	Track width, rear	b11	[mm]	-	-	-
DIMENSIONS						
4.1	Mast/fork tilt forward/backward	α/β	[°]	5/6	5/6	5/6
4.2	Height, mast lowered	h_1	[mm]	2140	2140	2140
4.3	Free lift	h_2	[mm]	80	80	80
4.4	Lift	h_3	[mm]	3270	3270	3270
	Lift height	h_{23}	[mm]	3305	3305	3305
4.5	Height, mast extended	h_4	[mm]	3820	3820	3820
4.7	Height of overhead guard (cab)	h_6	[mm]	2055	2055	2055
4.8	Seat height	h_7	[mm]	1032	1032	1032
4.12	Coupling height	h_{10}	[mm]	621	621	621
4.19	Overall length	l_1	[mm]	2359	2521	2550
4.20	Length to face of forks	l_2	[mm]	1559	1721	1750
4.21	Overall width	b_1	[mm]	990	990	990
4.22	Fork dimensions	s/e/l	[mm]	35x100x800	35x100x800	35x100x800
4.23	Fork carriage DIN 15 173, class/type A, B			II-A	II-A	II-A
4.24	Fork carriage width	b_3	[mm]	920	920	920
4.31	Ground clearance, with load, below mast	m_1	[mm]	90	90	90
4.32	Ground clearance, centre of wheelbase	m_2	[mm]	91,5	91,5	91,5
4.33	Aisle width, pallets 1000x1200 crossways	A_{st}	[mm]	2888	3050	3079
4.34	Aisle width, pallets 800x1200 lengthways	A_{st}	[mm]	3010	3172	3201
4.35	Turning radius	W_a	[mm]	1229	1391	1420
4.36	Internal turning radius	b_{13}	[mm]	-	-	-
PERFORMANCE						
5.1	Travel speed, with/without load		[km/h]	12,0/12,5	12,0/12,5	12,0/12,5
5.2	Lift speed, with/without load		[m/s]	0,34/0,52	0,32/0,52	0,31/0,52
5.3	Lowering speed, with/without load		[m/s]	0,59/0,50	0,59/0,50	0,59/0,50
5.5	Drawbar pull, with/without load		[N]	1470/1670	1420/1670	1370/1670
5.6	Max. drawbar pull, with/without load		[N]	7400/7600	7300/7600	7300/7600
5.7	Gradeability, with without load		[%]	8,0/12,0	7,0/11,0	6,0/11,0
5.8	Max. gradeability, with/without load		[%]	17,0/25,0	16,0/25,0	16,0/25,0
5.9	Acceleration time, with/without load		[s]	5,8/5,2	5,9/5,3	5,9/5,3
5.10	Service brake			hydraulic	hydraulic	hydraulic
ELECTRIC MOTORS						
6.1	Drive motor, rating S2 60 min.		[kW]	6,0	6,0	6,0
6.2	Lift motor, rating S3 15%		[kW]	11,0	11,0	11,0
6.3	Battery according to DIN 43 531/35/36, A, B, C, no			DIN 43535 A	DIN 43535 A	DIN 43535 A
6.4	Battery voltage, nominal capacity K_5		[V/Ah]	24/420-500	24/735-875	24/735-875
6.5	Battery weight		[kg]	372	600	600
6.6	Energy consumption acc. to EN16796:2016		[kWh/h]	2,2	2,6	2,7
OTHERS						
8.1	Type of drive control			inverter MOSFET	inverter MOSFET	inverter MOSFET
8.2	Operating pressure for attachments		[bar]	130/160	130/160	130/160
8.3	Oil flow for attachments		[l/min]	-	-	-
8.4	Sound level at driver's ear acc. To EN 12 053		[dB(A)]	62,4	62,4	62,4

All data are based on the configuration shown in above table, other configurations may give other values
Truck performance and dimensions are nominal and subject to tolerances
Cesab Material Handling Europe products and specifications are subject to change without notice

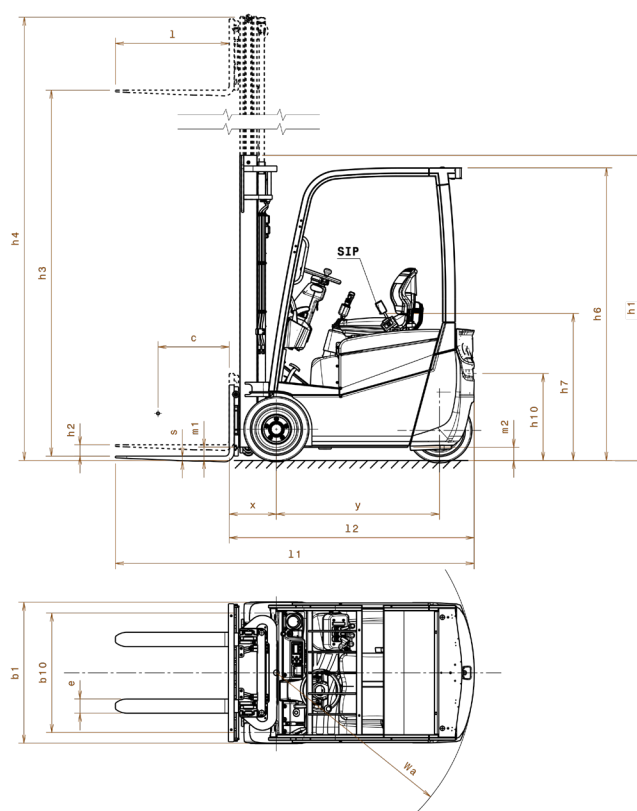
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Dimensional Drawings

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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.

Most Specifications

		Duplex – STD Free Lift (V)								Duplex – Full Free Lift (FV & FW)*						Triplex – Full Free Lift (FSV & FSW)**					
B210 – B213 – B215	h ₂₃	Lift height		3005	3305	3505	3705	4005	4505	5005	3005	3305	3505	3705	4005	4315	4705	5005	5505	6005	6505
	h ₃	Lift		2970	3270	3470	3670	3970	4470	4970	2970	3270	3470	3670	3970	4280	4670	4970	5470	5970	6470
	h ₁	Height, mast lowered		1990	2140	2240	2340	2490	2740	3090	1990	2140	2240	2340	2490	1975	2090	2190	2390	2540	2740
	h ₄	Height, mast extended ¹⁾		3520	3820	4020	4220	4520	5020	5535	3520	3820	4020	4220	4520	4830	5220	5520	6020	6520	7020
		Height, mast extended ²⁾		4090	4390	4590	4790	5090	5590	6105	4090	4390	4590	4790	5090	5400	5790	6090	6590	7090	7590
	h ₂	Free lift, without load backrest		80	80	80	80	80	80	80	1445	1595	1695	1795	1945	1430	1545	1645	1845	1995	2195
		Free lift, with load backrest		80	80	80	80	80	80	80	870	1020	1120	1220	1370	855	970	1070	1270	1420	1620
α/β	Mast tilt forward/backward		5/6	5/6	5/6	5/6	5/6	5/6	5/6	5/6	5/6	5/6	5/6	5/6	5/6	5/6	5/6	5/4	5/4	5/4	

*) FV mast has centered free lift cylinder, FW mast is IMD with double offset free lift cylinders

**) FSV mast has centered free lift cylinder, FSW mast is IMD with double offset free lift cylinders

1) without load backrest

2) with std. load backrest 1120 mm



Your authorised CESAB dealer



Pictures may show optional equipment and accessories not included in the standard execution of the truck.

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