



The optional lateral battery extraction allows battery change times to be minimised, optimising the truck's productivity.



The 180° rotation of the rear single wheel, combined with the machine's compact size, allow excellent manoeuvrability even in tight spaces and narrow storage aisles.



The proportional electronic controls integrated in the new (optional) armrest enable the operator to manage all the hydraulic functions by simply moving the Mini-Joystick or Fingertips levers.



The BLITZ 100 130 150 range is available with new-concept 2 or 3 stage masts. The high visibility masts offer excellent visibility thanks to the optimum placing of the lifting cylinders.

At Your Local Dealer

Options

Electronic Fingertips / Mini-Joystick controls fitted on the armrest.
Foldable armrests.
Pedal drive control.
Canvas cab (front/top/rear = glass, sides canvas) included windshield wiper.
Complete cab with or without heating with windshield wiper.
Lateral battery extraction.
Integrated side shift.

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Blitz 100 130 150

The CESAB BLITZ 100 130 150 three wheels rear wheel drive is an excellent handling tool, combining minimal size, optimum stability and exceptional performance. Extremely agile and recommended for the tightest spaces, thanks to its favourable weight- capacity ratio it is ideal for specific applications. The range comprises models from 1000 to 1500 Kg, with lifting height up to 6505 mm.

AC Technology means exceptional performance levels, combined with reduced energy consumption and lower service and maintenance requirements, due to fewer components and to the absence of major wear items such as carbon brushes and traditional contactors.

The ergonomic cab features the highest standards in operator's comfort, safety and ease of access. The height of the overhead guard is only 1980 mm, which is less than most containers.

Various drive programmes can be selected by simply pressing the push-buttons on the steering column. The operator can choose between three different drive programmes: L (low) - H (high) and P (programmable) as well as an additional reduced speed setting.

The AC controller can be used to programme and customize the parameters of the various functions: braking, traction, lift acceleration and minimum acceleration threshold.

The CAN-Bus simplifies the electrical system by reducing wiring and increases the flexibility of the truck control system.

The ergonomic driving position meets the highest comfort and safety standards.

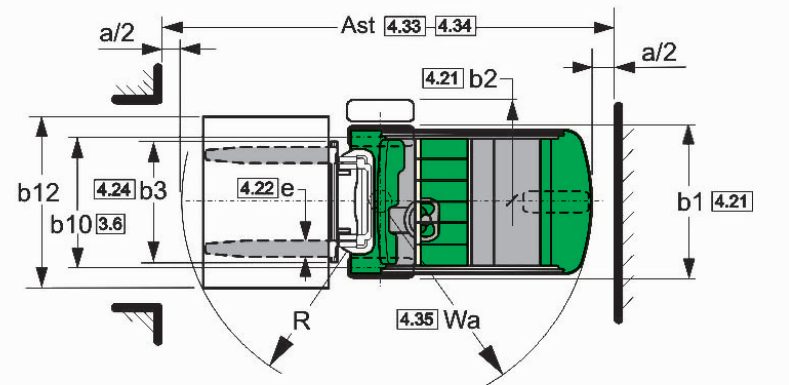
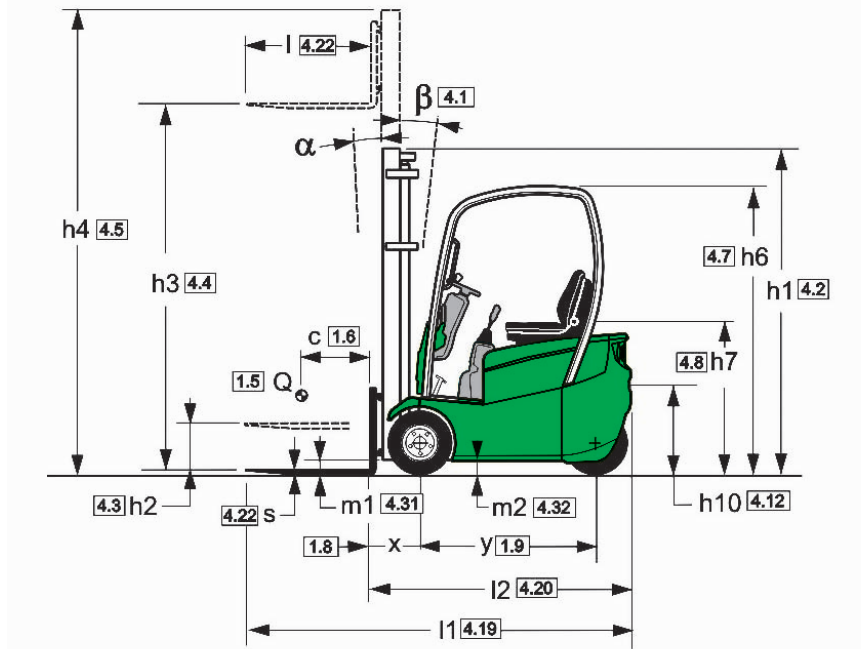
Three wheels electric counterbalanced trucks

CAN-Bus system AC-Technology



VDI 2198

Characteristics	1.1	Manufacturer	CESAB		CESAB		CESAB
	1.2	Model designation	BLITZ 100		BLITZ 130		BLITZ 150
	1.3	Power unit: electric (battery), diesel, petrol, LPG	electric		electric		electric
	1.4	Operation: manual, pedestrian, stand-on, driver seated	driver seated		driver seated		driver seated
	1.5	Load capacity Q (kg)	1000		1250		1500
	1.6	Load centre c (mm)	500		500		500
	1.8	Axle centre to fork face x (mm)	330 (a)		330 (a)		330 (a)
	1.9	Wheel-base y (mm)	984		1146		1200
Weights	2.1	Weight kg	2550		2820		2930
	2.2	Axle load with load, front/rear kg	2950 / 600		3390 / 680		3820 / 610
	2.3	Axle load without load, front/rear kg	1100 / 1450		1230 / 1590		1280 / 1650
	3.1	Tyres: C=Cushion, SE=Superelastic, PN=Pneumatic, TW=Twin	C - SE - PN		C - SE - PN		C - SE - PN
Wheels and chassis	3.2	Tyre size, front	457x152 - 18x7-8 - 18x7-8		457x152 - 18x7-8 - 18x7-8		457x178 - 18x7-8 - 18x7-8
	3.3	Tyre size, rear	457x152 - 18x7-8 - 18x7-8		457x152 - 18x7-8 - 18x7-8		457x178 - 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 - 847 (b)		837 - 837 - 847 (b)		881 - 837 - 847 (c)
	3.7	Track width, rear b11 (mm)	0		0		0
	4.1	Mast tilt, forward/backward α / β (degrees)	3° / 6°		3° / 6°		3° / 6°
Dimensions	4.2	Height of mast, lowered h1 (mm)	2140		2140		2140
	4.3	Free lift h2 (mm)	80		80		80
	4.4	Lift height h3 (mm)	3270		3270		3270
	4.5	Height of mast, extended h4 (mm)	3815		3815		3815
	4.7	Height of overhead guard h6 (mm)	1980		1980		1980
	4.8	Height of driver's seat h7 (mm)	941		941		941
	4.12	Towing coupling height h10 (mm)	615		615		615
	4.19	Overall length l1 (mm)	2564 (a)		2726 (a)		2780 (a)
	4.20	Length to fork face l2 (mm)	1564 (a)		1726 (a)		1780 (a)
	4.21	Overall width b1/b2 (mm)	900 - 990 - 1030 / NO (d)		900 - 990 - 1030 / NO (d)		1062 - 990 - 1030 / NO (d)
	4.22	Fork dimensions s/e/l (mm)	35 x 100 x 1000		35 x 100 x 1000		35 x 100 x 1000
	4.23	Fork carriage to DIN 15173, class/form A, B	II A		II A		II A
	4.24	Width of fork carriage b3 (mm)	900		900		900
	4.31	Floor clearance, mast (with load) m1 (mm)	90		90		90
	4.32	Floor clearance, centre of wheel-base (with load) m2 (mm)	90		90		90
	4.33	Aisle width with pallets 1000 x 1200 across forks Ast (mm)	2893		3055		3109
	4.34	Aisle width with pallets 800 x 1200 along forks Ast (mm)	3015		3177		3231
	4.35	Turning radius Wa (mm)	1234		1396		1450
4.36	Minimum distance between the centres of rotation b13 (mm)	–		–		–	
Performance	5.1	Travel speed, with/without load km/h	12 / 12,5		12 / 12.5		12 / 12.5
	5.2	Lifting speed, with/without load m/s	0.32 / 0.52		0.31 / 0.52		0.30 / 0.52
	5.3	Lowering speed, with/without load m/s	0.59 / 0.52		0.59 / 0.52		0.59 / 0.52
	5.5	Tractive force, with/without load N	1470 / 1670		1420 / 1670		1370 / 1670
	5.6	Maximum tractive force, with/without load, S2 5 minute rating N	7300 / 7500		7250 / 7500		7200 / 7500
	5.7	Climbing ability, with/without load, S2 30 minute rating %	8 / 12.5		7 / 11.5		6.5 / 11
	5.8	Maximum climbing ability, with/without load, S2 5 minute rating %	19 / 25		17 / 25		16 / 25
	5.9	Acceleration time, with/without load s	–		–		–
	5.10	Service brake: mechanical / hydraulic / electric / pneumatic	hydraulic		hydraulic		hydraulic
	Electric motor	6.1	Drive motor, S2 60 minute rating kW	5.1		5.1	
6.2		Lift motor, S3 15% rating kW	7.5		7.5		7.5
6.3		Battery according to DIN 43531/35/36 A, B, C, NO	DIN 43535 A		DIN 43535 A		DIN 43535 A
6.4		Battery voltage/rated capacity (5 h) V/Ah	24 / 420 - 500		24 / 735 - 875		24 / 840 - 1000
6.5		Battery weight kg	372		600		676
6.6		Energy consumption in acc. with VDI-cycle kWh/h	–		–		–
Others	8.1	Type of drive control	AC MOSFET		AC MOSFET		AC MOSFET
	8.2	Working pressure for attachments bar	140		140		140
	8.3	Oil flow for attachments l/min	–		–		–
	8.4	Noise level at driver's ear dB (A)	–		–		–
	8.5	Towing coupling, design/type DIN	–		–		–



	Masts specifications (1000 – 1500 Kg)									
Mast,	Duplex						Duplex FFL			
h3	Lift height	2970	3270	3670	4170	4670	2870	3170	3670	3970
h1	Height of mast, lowered	1990	2140	2340	2590	2890	1940	2090	2340	2490
h2	Free lift	80	80	80	80	80	1395	1545	1795	1945
h4	Height of mast, extended	3515	3815	4215	4715	5215	3415	3715	4215	4515
α / β	Mast tilt forward/backward	3° / 6°					3° / 6°			

	Masts specifications (1000 – 1500 Kg)						
Mast,	mm	Triplex FFL					
h3	Lift height	4280	4470	4970	5670	5970	6470
h1	Height of mast, lowered	1960	2025	2190	2440	2540	2740
h2	Free lift	1415	1480	1645	1895	1995	2195
h4	Height of mast, extended	4825	5015	5515	6215	6515	7015
α / β	Mast tilt forward/backward	3° / 6°					