



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.

### Cesab Ltd:

Unit 6, Bevan Way, Smethwick, Warley, West Midlands, B66 1BZ  
Tel. +44 (0) 121 5556116 - Fax +44 (0) 121 5650414  
e-mail: sales@cesab.net

### Cesab Carrelli Elevatori Spa

Via Persicetana Vecchia, 10 - 40132 Bologna (Italy)  
Tel. +39 051 20.54.11 - Fax +39 051 72.80.07  
website: www.cesab-forklifts.com - e-mail: cesab@cesab.it



# Blitz 100 130 150

03/06 - 0342069 - blitz@v.com

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.



Three wheels electric counterbalanced trucks

CAN-Bus system AC-Technology

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.

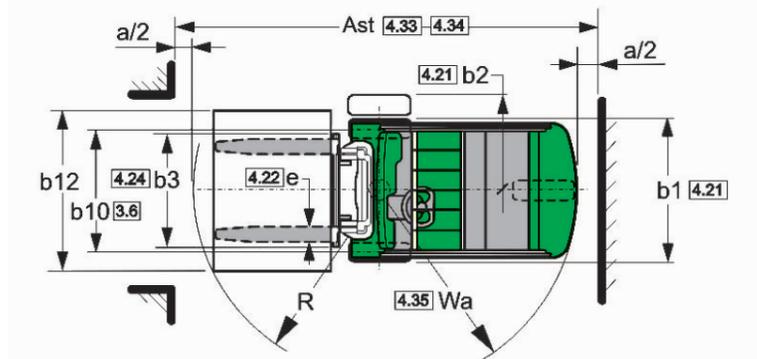
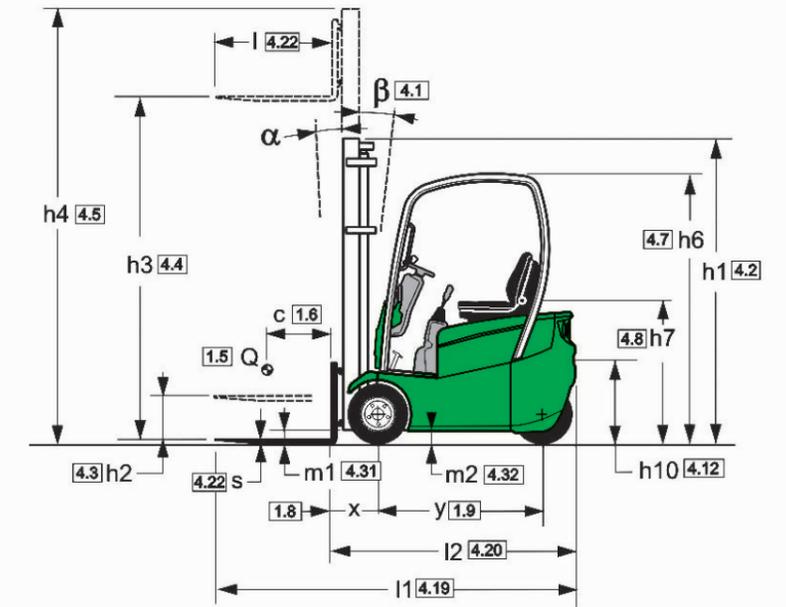
The ergonomic driving position meets the highest comfort and safety standards.

ARC-0020-03/06



## VDI 2198

Characteristics		CESAB	CESAB	CESAB
1.1	Manufacturer	CESAB	CESAB	CESAB
1.2	Model designation	<b>BLITZ 100</b>	<b>BLITZ 130</b>	<b>BLITZ 150</b>
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	1000	1250	1500
1.6	Load centre	500	500	500
1.8	Axle centre to fork face	330 (a)	330 (a)	330 (a)
1.9	Wheel-base	984	1146	1200
Weights				
2.1	Weight	2550	2820	2930
2.2	Axle load with load, front/rear	2950 / 600	3390 / 680	3820 / 610
2.3	Axle load without load, front/rear	1100 / 1450	1230 / 1590	1280 / 1650
Wheels and chassis				
3.1	Tyres: C=Cushion, SE=Superelastic, PN=Pneumatic, TW=Twin	C - SE - PN	C - SE - PN	C - SE - PN
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)	881 - 837 - 847 (c)
3.7	Track width, rear	b11 (mm)	0	0
Dimensions				
4.1	Mast tilt, forward/backward	$\alpha / \beta$ (degrees)	3° / 6°	3° / 6°
4.2	Height of mast, lowered	h1 (mm)	2140	2140
4.3	Free lift	h2 (mm)	80	80
4.4	Lift height	h3 (mm)	3270	3270
4.5	Height of mast, extended	h4 (mm)	3815	3815
4.7	Height of overhead guard	h6 (mm)	1980	1980
4.8	Height of driver's seat	h7 (mm)	941	941
4.12	Towing coupling height	h10 (mm)	615	615
4.19	Overall length	l1 (mm)	2564 (a)	2726 (a)
4.20	Length to fork face	l2 (mm)	1564 (a)	1726 (a)
4.21	Overall width	b1/b2 (mm)	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
4.23	Fork carriage to DIN 15173, class/form A, B		II A	II A
4.24	Width of fork carriage	b3 (mm)	900	900
4.31	Floor clearance, mast (with load)	m1 (mm)	90	90
4.32	Floor clearance, centre of wheel-base (with load)	m2 (mm)	90	90
4.33	Aisle width with pallets 1000 x 1200 across forks	Ast (mm)	2893	3055
4.34	Aisle width with pallets 800 x 1200 along forks	Ast (mm)	3015	3177
4.35	Turning radius	Wa (mm)	1234	1396
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
5.2	Lifting speed, with/without load	m/s	0.32 / 0.52	0.31 / 0.52
5.3	Lowering speed, with/without load	m/s	0.59 / 0.52	0.59 / 0.52
5.5	Tractive force, with/without load	N	1470 / 1670	1420 / 1670
5.6	Maximum tractive force, with/without load, S2 5 minute rating	N	7300 / 7500	7250 / 7500
5.7	Climbing ability, with/without load, S2 30 minute rating	%	8 / 12,5	7 / 11,5
5.8	Maximum climbing ability, with/without load, S2 5 minute rating	%	19 / 25	17 / 25
5.9	Acceleration time, with/without load	s	-	-
5.10	Service brake: mechanical /hydraulic /electric /pneumatic		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
6.3	Battery according to DIN 43531/35/36 A, B, C, NO		DIN 43535 A	DIN 43535 A
6.4	Battery voltage/rated capacity (5 h)	V/Ah	24 / 420 - 500	24 / 735 - 875
6.5	Battery weight	kg	372	600
6.6	Energy consumption in acc. with VDI-cycle	kWh/h	-	-
Others				
8.1	Type of drive control		AC MOSFET	AC MOSFET
8.2	Working pressure for attachments	bar	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, mm	Duplex				Duplex FFL	
<b>h3</b>	<b>Lift height</b>	<b>2970</b>	<b>3270</b>	<b>3670</b>	<b>4170</b>	<b>4670</b>
<b>h1</b>	Height of mast, lowered	1990	2140	2340	2590	2890
<b>h2</b>	Free lift	80	80	80	80	80
<b>h4</b>	Height of mast, extended	3515	3815	4215	4715	5215
<b>alpha / beta</b>	Mast tilt forward/backward	3° / 6°				3° / 6°

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

(a) With side shift = +34 mm (b) 909 - 909 - 909 con 2M h. > 4000 - 3M h. > 4350 (c) 881 - 909 - 909 con 2M h. > 4000 - 3M h. > 4350 (d) 1062 - 1062 - 1092 con 2M h. > 4000 - 3M h. > 4350

NOTES: Unless otherwise specified, all data refer to vehicles with SE tyres. All performance figures refer to fully run-in vehicles, in perfect working status with homologated tyres mix, battery fully charged and excellent conditions with closed circuit voltage equal to nominal value. Truck performance and dimensions are nominal and subject to tolerances.