

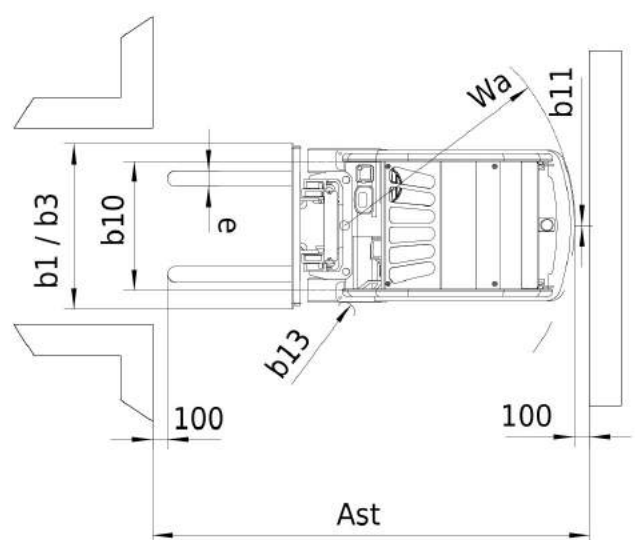
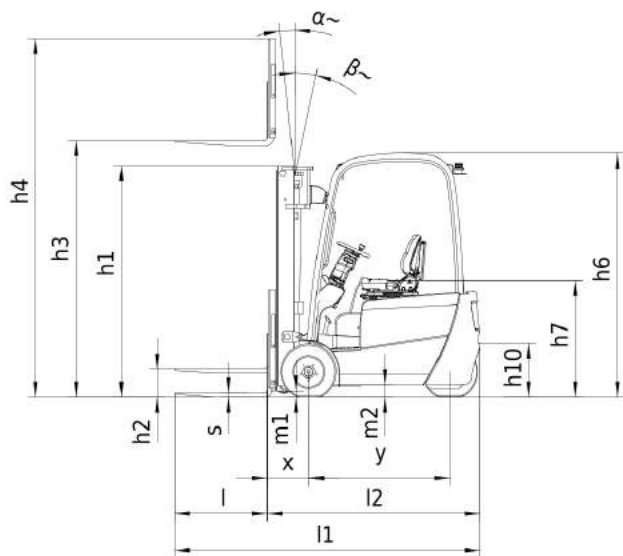
Technical sheet

ME 315C

Masted Forklift Trucks



	Technical characteristics	Metric
1.1	Manufacturer	Manitou
1.2	Model	ME 315c
1.3	Type of traction	Electric
1.4	Type of operation	Seated
1.5	Q - Rated capacity	1500 kg
1.6	c - Center of gravity of load	500 mm
1.8	x - Distance from the load bearing surface to the centre of the front axle	350 mm
1.9	y - Wheelbase	1220 mm
	Weight	
2.1	Weight of truck in working order	3000 kg
2.2	Laden weight on front/rear axle	3835 kg / 545 kg
2.3	Unladen weight on front/rear axle	1315 kg / 1565 kg
	Wheels	
3.1	Tyre equipment: bandage (V), PPS (SE), inflatable tyre (L)	Solid cushion
3.5	Number of front wheels (x)	2 / 1x
3.6	b10 - Front track	0.84 mm
	Dimensions	
4.1	α / β - Front/Rear mast angle	5 ° / 6 °
4.2	h1 - Height (mast lowered)	1995 mm
4.3	h2 - Free lift	135 mm
4.4	h3 - Lift height (Duplex mast)	3000 mm
4.5	h4 - Height of extended mast	3570 mm
4.7	h6 - Height of driver protection (cab)	2110 mm
4.8	h7 - Height of seat	1020 mm
4.12	h10 - Height of towing coupling	500 mm
4.19	l1 - Total length	2640 mm
4.20	l2 - Length to fork heel	1840 mm
4.21	b1 - Overall width - Single/twin wheels	990 mm / -
4.22	e / s / l - Fork dimensions	1150 x 100 x 35
4.23	Fork carriage to DIN 15173 A/B	FEM2A
4.24	b3 - Width of fork clamp	1000 mm
4.31	m1 - Ground clearance under mast	100 mm
4.33	Ast - Aisle width for 1000 x 1200 pallet widthwise	3180 mm
4.34	Ast - Aisle width for 800 x 1200 pallet lengthwise	3310 mm
4.35	Wa - Turning radius	1510 mm
	Performances	
5.1	Speed of travel laden / unladen	9.50 km/h / 10.50 km/h
5.2	Lifting speed laden / unladen	0.22 m/s / 0.33 m/s
5.3	Lowering speed laden / unladen	0.58 m/s / 0.48 m/s
5.5	Nominal pulling force laden / unladen	500 daN / 530 daN
5.7	Maximum ramp laden / unladen	- / 7 %
5.10	Service brake	Hydraulic
	Engine	
6.1	Drive motor power rating	4 kW
6.2	Lift motor power	8.60 kW
6.3	Size of battery tray as per DIN 43531/35/36, A, B, C, no	DIN43535 A
6.4	Battery voltage/capacity	24 V / 840 Ah
	Miscellaneous	
8.1	Type of drive unit	Electronic
8.2	Working hydraulic pressure for attachments	155 bar
8.3	Oil flow rate for attachments	16 l/min
8.4	Measured/guaranteed mean noise level at the ear of the operator	70 dB(A)



Characteristics of masts and residual capacities

Duplex Total Visibility		FVD27	FVD30	FVD33	FVD36	FVD40	FVD43	FVD45
Lift height	mm	2700	3000	3300	3600	4000	4300	4500
Height (mast lowered)	mm	1830	1995	2150	2300	2550	2710	2820
Free lift	mm	155	135	135	135	135	135	135
Height of extended mast	mm	3230	3570	3870	4170	4570	4870	5070
Residual Capacity without attachment (Industrial load chart)	kg	1500	1500	1500	1500	1500	1500	1450
Residual Capacity with integrated side shift (Industrial load chart)	kg	1500	1500	1500	1500	1500	1500	1450
Residual capacity with hooked-on side shift (Industrial load chart)	kg	1500	1500	1500	1500	1450	1400	1350
Forward/backward mast tilt angle	°	5 / 6	5 / 6	5 / 6	5 / 6	3 / 5	3 / 5	3 / 5

Duplex Free Lift		FLD27	FLD30	FLD33	FLD36	FLD40
Lift height	mm	2700	3000	3300	3600	4000
Height (mast lowered)	mm	1850	1995	2150	2300	2550
Free lift	mm	1250	1400	1550	1700	1950
Height of extended mast	mm	3310	3610	3910	4210	4610
Residual Capacity without attachment (Industrial load chart)	kg	1500	1500	1500	1500	1500
Residual Capacity with integrated side shift (Industrial load chart)	kg	1500	1500	1500	1500	1500
Residual capacity with hooked-on side shift (Industrial load chart)	kg	1500	1500	1500	1500	1450
Forward/backward mast tilt angle	°	5 / 6	5 / 6	5 / 6	5 / 6	3 / 5

[illegible]



Siège Social
430 rue de l'Aubinière - 44150 Ancenis Cedex - France
Tel: +33(0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97
www.manitou.com



This brochure describes versions and configuration options for Manitou products which may be fitted with different equipment. The equipment described in this brochure may be standard, optional or not available depending on version. Manitou reserves the right to change the specifications shown and described at any time and without prior warning. The manufacturer is not liable for the specifications given. For more information, contact your Manitou dealer. Non-contractual document. Product descriptions may differ from actual products. List of specifications is not comprehensive. The logos and visual identity of the company are the property of Manitou and may not be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are provided for information only.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,547,824 euros - 857 802 508 RCS Nantes