

Technical sheet :

ME 315C



Technical characteristics			Metric
1.1	Manufacturer		Manitou
1.2	Model Name		ME 315c
1.3	Power source		Electric
1.4	Operator type		Seated
1.5	Max. capacity	Q	1500 kg
1.6	Load centre of gravity	c	500 mm
1.8	Load distance, centre of drive axle to fork	x	345 mm
1.9	Wheelbase	y	1220 mm
Weight			
2.1	Service Weight		2880 kg
2.2	Weight on front axle (laden) / rear axle (laden)		3835 kg / 545 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		1315 kg / 1565 kg
Wheels			
3.1	Tyres type		Super Elastic
3.2	Dimensions of front wheels		18x7-8
3.3	Dimensions of rear wheels		200/50-10
3.5	Number of front wheels / rear wheels		2 / 1
3.2	Number of drive wheels		1
3.6	Front wheel gauge	b10	835 mm
Dimensions			
4.1	Tilt of Mast Forward (deg) / Backward (deg)	α / β	5 / 6
4.7	Height of overhead guard (cabin)	h6	2105 mm
4.8	Seat height/stand height	h7	1020 mm
4.12	Height of towing bar (coupling height)	h10	500 mm
4.19	Overall length	l1	2635 mm
4.20	Length to face of forks	l2	1835 mm
4.21	Overall width	b1	990 mm
4.22	Forks section / width / length	s / e / l	35 mm x 100 mm x 1150 mm
4.23	Fork carriage ISO 2328 (class/form) A/B		FEM 2A
4.24	Fork carriage width	b3	1000 mm
4.31	Ground clearance below mast	m1	100 mm
4.32	Ground clearance at centre of wheelbase	m2	100 mm
4.35	Turning radius	Wa	1510 mm
Performances			
5.1	Travel speed (laden / unladen)		9.5 km/h / 10.5 km/h
5.2	Lifting speed (laden / unladen)		0.22 Nm / 0.33 Nm
5.3	Lowering speed (laden / unladen)		0.58 Nm / 0.48 Nm
5.5	Drawbar pull (Laden / Unladen)		500 daN / 530
5.7	Gradeability - laden / unladen (%)		7 % / 9
5.10	Service brake		Hydraulic
Engine			
6.1	Drive motor rating S2 60 min		4 kW
6.3	Battery according to DIN 43531/35/36 A, B, C		DIN43535 A
6.4	Battery / Batteries capacity		24 V / 840 A

	Engine		
7.2	Engine power according to ISO 1585		8.6 kW
	Miscellaneous		
8.1	Type of drive control		Electronic
8.2	Working hydraulic pressure for attachments (bar)		155 Bar
8.3	Oil flow rate for attachments (l/min)		16
8.4	Measured/guaranteed mean noise level at the ear of the operator		70

Free Lift Triplex		FLT 40	FLT 43	FLT 45	FLT 48	FLT 50	FLT 55	FLT 60	FLT 65
Residual capacity at max height	kg	1450							
Residual Capacity without attachment (Industrial load chart)	kg	1450	1400	1350	1300	1250	1200	1000	600
Residual Capacity with integrated side shift (Industrial load chart)	kg	1450	1400	1350	1300	1250	1200	1000	600
Residual capacity with hooked-on side shift (Industrial load chart)	kg	1450	1400	1350	1300	1250	1200	1000	600
Height at max capacity	mm	4000							
Height at max capacity with integrated sideshift	mm	4000							



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