Technical sheet :



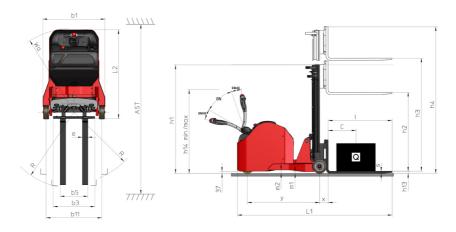




	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	С
1.8	Distance from Load backrest to center of rear axle	х
1.9	Wheelbase	у
	Weight	
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	
	Wheels	
3.1	Tires type	
3.3	Number of load wheels / Size of load wheels	
3.5	Number of front wheels / rear wheels	
3.5.2	Number of drive wheels / Size of drive wheels	
3.7	Rear wheel gauge	b1
	Dimensions	
4.15	Fork height in low position	h1
4.19	Overall length	1
4.20	Length to face of forks	12
4.21	Overall width	bʻ
4.22	Forks section / width / length	s / e
4.24	Fork carriage width	b
4.31	Ground clearance below mast	m
4.32	Ground clearance at centre of wheelbase	m
4.35	Turning radius	W
4.9	Height tiller min. / max.	h14 /
	Performances	
5.1	Travel speed (laden / unladen)	
5.2	Lifting speed (laden / unladen)	
5.3	Lowering speed (laden / unladen)	
5.8	Max Gradeability (laden / unladen)	
5.10	Service brake	
	Engine	
6.1	Drive motor rating S2 60 min	
6.2	Lift motor rating at S3 15%	
6.3	Battery according to DIN 43531/35/36 A, B, C	
6.4	Battery voltage / capacity	
6.5	Battery weight (+/- 5%)	
	Miscellaneous	
8.1	Type of drive control	
8.4	Sound level at the driver's ear according to DIN 12 053	

ES-C 7	ת∎ Created on May 2, 2024 at 2:00:22 PM UTC
	Metric
	Manitou
	ES-C 713
	Electrical
	Pedestrian
Q	1300 kg
С	500 mm
х	157 mm
у	1200 mm
	2200 kg
	450 kg / 3050 kg
	1150 kg / 1050 kg
	····· ··· ··· ··· ····
	Polyurethane
	2 / 250x100
	1 / 2
	1/254x100
b11	1003 mm
h13	35 mm
113	2690 mm
12	1540 mm
b1	1120 mm
s/e/l	40 mm / 100 mm / 1150 mm
b3	750 mm
m1	31 mm
m2	62 mm
Wa	1560 mm
h14 / h14	1405 mm / 1005 mm
	Character and Character
	6 km/h / 6 km/h 0.11 m/s / 0.20 m/s
	0.22 m/s / 0.21 m/s
	5%/8%
	Electro magnetic
	2 kW
	4 kW
	DIN 43535-B
	24 V / 315 Ah
	275 kg
	DC
	65 dB

ES-C 713 - Dimensional drawing



Characteristics of masts and residual capacities

Central Cylinder Simplex (CCS)		CCS 15	CCS 17
h1 - Mast lowered height	mm	1955	2205
h2 - Mast free lift	mm	1465	1715
h3 - Mast lifting height	mm	1465	1715
h4 - Mast extended height	mm	2030	2280
Residual capacity at max height	kg	1300	1300

Full Visibility Duplex (FVD)		FVD 29	FVD 34	FVD 38
Mast/fork carriage tilt, forward	۰	3	3	3
h1 - Mast lowered height	mm	1955	2205	2405
h3 - Mast lifting height	mm	2890	3390	3790
h4 - Mast extended height	mm	3455	3955	4355
Residual capacity at max height	kg	1300	1300	1100

Free Lift Duplex (FLD)		FLD 29	FLD 34
h1 - Mast lowered height	mm	1955	2205
h2 - Mast free lift	mm	1465	1715
h3 - Mast lifting height	mm	2890	3390
h4 - Mast extended height	mm	3455	3955
Residual capacity at max height	kg	1300	1300

Free Lift Triplex (FLT)		FLT 42	FLT 47	FLT 54
h1 - Mast lowered height	mm	1915	2075	2315
h2 - Mast free lift	mm	1425	1585	1835
h3 - Mast lifting height	mm	4205	4685	5415
h4 - Mast extended height	mm	4770	5250	5980
Residual capacity at max height	kg	900	700	500



Head Office B.P. 249 - 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 publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes