Technical sheet :



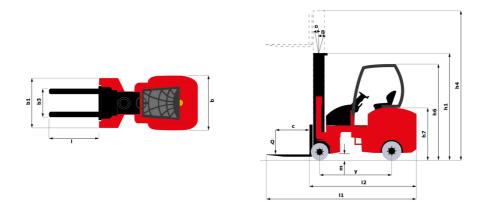




	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	С
1.8	Load distance, centre of drive axle to fork	х
1.9	Wheelbase	у
	Weight	
2.1	Service weight	
2.2	Weight on front axle (laden) / rear axle (laden)	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	
	Wheels	
3.1	Tires type	
3.2	Dimensions of front wheels	
3.3	Dimensions of rear wheels	
3.5	Number of front wheels / rear wheels	
3.5.2	Number of drive wheels	
3.6	Front wheel gauge	b10
3.7	Rear wheel gauge	b11
	Dimensions	
4.7	Height of overhead guard (cabin)	h6
4.8	Seat height/stand height	h7
4.19	Overall length	1
4.20	Length to face of forks	12
4.21	Overall width	b1
4.22	Forks section / width / length	s / e /
4.23	Fork carriage ISO 2328 (class/form) A/B	
4.24	Fork carriage width	b3
4.31	Ground clearance below mast	m1
4.32	Ground clearance at centre of wheelbase	m2
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast
	Performances	
5.1	Travel speed (laden / unladen)	
5.2	Lifting speed (laden / unladen)	
5.3	Lowering speed (laden / unladen)	
5.7	Gradeability (laden / unladen)	
5.10	Service brake	
0.10	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 worldge / Capacity Battery weight (+/- 5%)	
0.0		
8.1	Miscellaneous Type of drive control	
8.1		
	Working hydraulic pressure for attachments	
8.3	Oil flow rate for attachments	
8.4	Measured/guaranteed mean noise level at the ear of the operator	
8.4	Sound level at the driver's ear according to DIN 12 053	

EMA II 1	■ Created on May 5, 2024 at 12:20:46 PM UTC						
	Metric						
	Manitou						
	EMA II 13						
	Electrical						
	Seated						
Q	1300 kg						
С	500 mm						
х	278 mm						
у	1855 mm						
	5900 kg						
	3350 kg / 3850 kg						
	1900 kg / 4000 kg						
	Solid tires						
	412 x 127 mm						
	457 x 152 mm						
	2/2						
b10	2 825 mm						
b10	1060 mm						
UTI							
h6	2260 mm						
h7	1200 mm						
11	3890 mm						
12	2740 mm						
b1	1060 mm						
s/e/l	40 mm x 100 mm x 1150 mm						
	2						
b3	860 mm						
m1	50 mm						
m2	130 mm						
Ast	1700 mm						
Ast	1900 mm						
	9 km/h-9.50 km/h						
	0.35 m/s-0.45 m/s						
	0.40 m/s-0.35 m/s						
	8 % / 10.50 %						
	Hydraulic						
	1011						
	10 kW						
	9 kW						
	DIN 43595						
	48 V / 620 Ah 1030 kg						
	1030 kg						
	Mosfet AC speed controller						
	200 bar						
	250 bai						
	< 73 dB						
	73 dB						
	/3 00						

EMA II 13 - Dimensional drawing



Characteristics of masts and residual capacities

Free Lift Triplex (FLT)		FLT 42	FLT 50	FLT 56	FLT 60	FLT 66	FLT 76
Mast/fork carriage tilt, forward °		1	1	1	1	1	1
Mast/fork carriage tilt, backward	۰	3	3	3	3	3	3
h1 - Mast lowered height	mm	2360	2630	2810	2960	3210	3650
h2 - Mast free lift	mm	1400	1750	193	2080	2330	2670
h3 - Mast lifting height	mm	4200	5010	5550	6000	6600	7620
h4 - Mast extended height	mm	5030	5910	6450	6900	7500	8520
Residual capacity with integrated side shift at kg max heigth		1300	1200	1100	1000	900	750



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