Technical sheet :





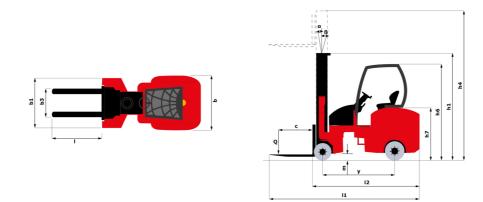


	Technical characteristics						
1	Manufacturer						
	Model Name						
	Power source						
	Operator type						
	Max. capacity						
	Load center of gravity						
	Load distance, centre of drive axle to fork						
	Wheelbase						
	Weight						
	Service weight						
	Weight on front axle (laden) / rear axle (laden)						
	Weight on front axle (Unladen) / rear axle (Unladen)						
	Wheels						
	Tires type						
	Dimensions of front wheels						
	Dimensions of rear wheels						
	Number of front wheels / rear wheels						
	Number of drive wheels						
	Front wheel gauge						
	Rear wheel gauge						
	Dimensions						
	Height of overhead guard (cabin)						
	Seat height/stand height						
	Overall length						
	Length to face of forks						
	Overall width						
	Forks section / width / length						
	Fork carriage ISO 2328 (class/form) A/B						
	Fork carriage width						
	Ground clearance below mast						
	Ground clearance at centre of wheelbase						
	Aisle Width for pallets 1000 x 1200 crossways						
	Aisle width for 800 x 1200 pallet lengthways						
	Performances						
	Travel speed (laden / unladen)						
	Lifting speed (laden / unladen)						
	Lowering speed (laden / unladen)						
	Gradeability (laden / unladen)						
	Service brake						
	Engine						
	Drive motor rating S2 60 min						
	Lift motor rating at \$3 15%						
	Battery according to DIN 43531/35/36 A, B, C						
	Battery voltage / capacity						
	Battery weight (+/- 5%)						
	Miscellaneous						
	Type of drive control						
	Working hydraulic pressure for attachments						
	Oil flow rate for attachments						
	Measured/guaranteed mean noise level at the ear of the operator						
	Sound level at the driver's ear according to DIN 12 053						
	Sound rever at the universited according to Driver 2 033						

EMA II 17 Created on	May 2, 2024 at	1:18:07 PM UTC
----------------------	----------------	----------------

MAII	Cleated 011 May 2, 2024 at 1.10.07 FW 010
	Metric
	Manitou
	EMA II 17
	Electrical
	Seated
Q	1700 kg
С	500 mm
x	278 mm
у	1745 mm
	6000 kg
	4250 kg / 3250 kg
	2000 kg / 4000 kg
	O a litel binse
	Solid tires
	412 x 152
	457 x 152
	2 / 2
b10	960 mm
b11	1080 mm
h6	2260 mm
h7	1200 mm
11	3710 mm
12	2560 mm
b1	1080 mm
/e/l	40 mm x 100 mm x 1150 mm
	2
b3	860 mm
m1	50 mm
m2	130 mm
Ast	1800 mm
Ast	2000 mm
	9 km/h-9.50 km/h
	0.35 m/s-0.45 m/s
	0.40 m/s-0.36 m/s
	8 % / 10.50 %
	Hydraulic
	10 kW
	9 kW
	DIN 43595
	43393 48 V / 620 Ah
	1030 kg
	1000 Kg
	Mosfet AC speed controller
	200 bar
	25 J/min
	< 73 dB
	73 dB

## EMA II 17 - Dimensional drawing



## Characteristics of masts and residual capacities

Free Lift Triplex (FLT)		FLT 39	FLT 42	FLT 46	FLT 48	FLT 50	FLT 52	FLT 56	FLT 60	FLT 66	FLT 72	FLT 76
Mast/fork carriage tilt, forward	۰	1	1	1	1	1	1	1	1	1	1	1
Mast/fork carriage tilt, backward	۰	3	3	3	3	3	3	3	3	3	3	3
h1 - Mast lowered height	mm	2210	2300	2440	2500	2570	2640	2750	2900	3150	3400	3590
h2 - Mast free lift	mm	1390	1480	1620	1680	1750	1820	1930	2080	23300	2580	2770
h3 - Mast lifting height	mm	3930	4200	4620	4800	5010	5220	5550	6000	6600	7200	7620
h4 - Mast extended height	mm	4760	5030	5450	5630	5840	6050	6380	6830	7430	8030	8450
Residual capacity with integrated side shift at max heigth	kg	1250	1300	1300	1200	1200	1200	1200	1100	950	900	900



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