Technical sheet :





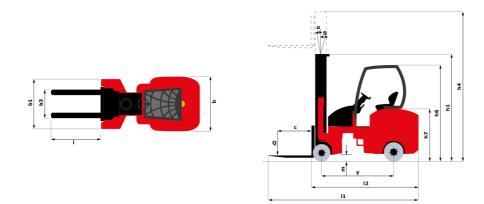


	Technical characteristics
	Manufacturer
2	Model Name
	Power source
Ļ	Operator type
5	Max. capacity
	Load center of gravity
}	Load distance, centre of drive axle to fork
)	Wheelbase
	Weight
	Service weight
2	Weight on front axle (laden) / rear axle (laden)
	Weight on front axle (Unladen) / rear axle (Unladen)
	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 \$2.60 min
	Lift motor rating at S3 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

## EMA II 17 Created on May 2, 2024 at 1:49:12 PM UTC

Metric
Manitou
EMA II 17
Electrical
Seated
1700 kg
500 mm
278 mm
1745 mm
6000 kg
4250 kg / 3250 kg
2000 kg / 4000 kg
Solid tires
412 x 152
457 x 152
2/2
2
960 mm
1080 mm
2260 mm
1200 mm
3710 mm
2560 mm
1080 mm
40 mm x 100 mm x 1150 mm
2
860 mm
50 mm
130 mm
1800 mm
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 1.00
10 kW 9 kW
DIN 43595 48 V / 620 Ah
1030 kg
Moofet AC arrest controller
Mosfet AC speed controller 200 bar
25 l/min < 73 dB
< 73 dB 73 dB
13 00

## 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