Technical sheet:

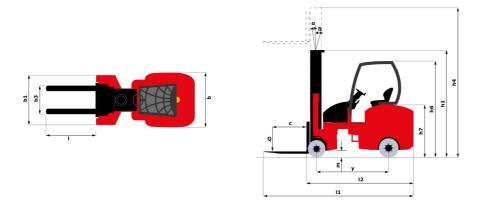
## EMA II 17





	EM						
Technical characteristics			Metric				
1.1 Manufacturer			Manitou				
1.2 Model Name			EMA II 17				
1.3 Power source			Electrical				
1.4 Operator type			Seated				
1.5 Max. capacity		Q	1700 kg				
1.6 Load center of gravity		С	500 mm				
1.8 Load distance, centre of drive axle to fork		x	278 mm				
1.9 Wheelbase		у	1745 mm				
Weight							
2.1 Service weight			6000 kg				
2.2 Weight on front axle (laden) / rear axle (laden)			4250 kg / 3250 kg				
2.3 Weight on front axle (Unladen) / rear axle (Unladen)			2000 kg / 4000 kg				
Wheels							
3.1 Tires type			Solid tires				
3.2 Dimensions of front wheels			412 x 152				
3.3 Dimensions of rear wheels			457 x 152				
3.5 Number of front wheels / rear wheels			2/2				
3.5.2 Number of drive wheels			2				
3.6 Front wheel gauge		b10	960 mm				
3.7 Rear wheel gauge		b10	1080 mm				
Dimensions		DII	1000 111111				
4.7 Height of overhead guard (cabin)		h6	2260 mm				
4.8 Seat height/stand height		h7	1200 mm				
4.19 Overall length		II7 I1	3710 mm				
4.20 Length to face of forks		12	2560 mm				
4.21 Overall width		b1	1080 mm				
4.22 Forks section / width / length		/ e / l	40 mm x 100 mm x 1150 mm				
Ţ		7 6 7 1	2				
4.23 Fork carriage ISO 2328 (class/form) A/B		<b>L</b> 2	860 mm				
4.24 Fork carriage width		b3	860 mm 50 mm				
4.31 Ground clearance below mast		m1					
4.32 Ground clearance at centre of wheelbase		m2	130 mm				
4.33 Aisle Width for pallets 1000 x 1200 crossways		Ast	1800 mm				
4.34 Aisle width for 800 x 1200 pallet lengthways		Ast	2000 mm				
Performances			01 (1.0.501 (1.				
5.1 Travel speed (laden / unladen)			9 km/h-9.50 km/h				
5.2 Lifting speed (laden / unladen)			0.35 m/s-0.45 m/s				
5.3 Lowering speed (laden / unladen)			0.40 m/s-0.36 m/s				
5.7 Gradeability (laden / unladen)			8 % / 10.50 %				
5.10 Service brake			Hydraulic				
Engine							
6.1 Drive motor rating S2 60 min			10 kW				
6.2 Lift motor rating at S3 15%			9 kW				
6.3 Battery according to DIN 43531/35/36 A, B, C			DIN 43595				
6.4 Battery voltage / capacity			48 V / 620 Ah				
6.5 Battery weight (+/- 5%)			1030 kg				
Miscellaneous							
8.1 Type of drive control			Mosfet AC speed controller				
8.2 Working hydraulic pressure for attachments			200 bar				
8.3 Oil flow rate for attachments			25 l/min				
8.4 Measured/guaranteed mean noise level at the ear of the o	perator		< 73 dB				
8.4 Sound level at the driver's ear according to DIN 12 053			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	٠	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





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