Technical sheet:

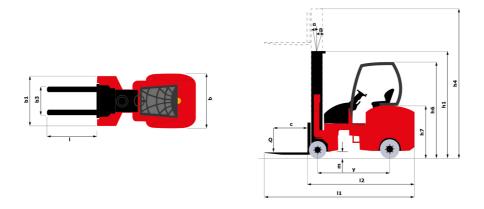
EMA II 17





Technical characteristics		Metric
Manufacturer		Manitou
Model Name		EMA II 17
Power source		Electrical
Operator type		Seated
Max. capacity	Q	1700 kg
Load center of gravity	С	500 mm
Load distance, centre of drive axle to fork	х	278 mm
Wheelbase	у	1745 mm
Weight		
Service weight		6000 kg
Weight on front axle (laden) / rear axle (laden)		4250 kg / 3250 kg
Weight on front axle (Unladen) / rear axle (Unladen)		2000 kg / 4000 kg
Wheels		
Tires type		Solid tires
Dimensions of front wheels		412 x 152
Dimensions of rear wheels		457 x 152
Number of front wheels / rear wheels		2/2
Number of drive wheels		2
Front wheel gauge	b10	960 mm
Rear wheel gauge	b11	1080 mm
Dimensions		
Height of overhead guard (cabin)	h6	2260 mm
Seat height/stand height	h7	1200 mm
Overall length	l1	3710 mm
Length to face of forks	2	2560 mm
Overall width	b1	1080 mm
Forks section / width / length	s / e / l	40 mm x 100 mm x 1150 mm
Fork carriage ISO 2328 (class/form) A/B	-, -, -	2
Fork carriage width	b3	860 mm
Ground clearance below mast	m1	50 mm
Ground clearance at centre of wheelbase	m2	130 mm
Aisle Width for pallets 1000 x 1200 crossways	Ast	1800 mm
Aisle width for 800 x 1200 pallet lengthways	Ast	2000 mm
Performances	7.51	2000 111111
Travel speed (laden / unladen)		9 km/h-9.50 km/h
Lifting speed (laden / unladen)		0.35 m/s-0.45 m/s
Lowering speed (laden / unladen)		0.40 m/s-0.36 m/s
Gradeability (laden / unladen)		8 % / 10.50 %
Service brake		Hydraulic
Engine		Tiyaladile
Drive motor rating S2 60 min		10 kW
Lift motor rating at S3 15%		9 kW
-		DIN 43595
Battery according to DIN 43531/35/36 A, B, C Battery voltage / capacity		48 V / 620 Ah
, , , ,		48 V / 620 An 1030 kg
Battery weight (+/- 5%)		1030 Kg
Miscellaneous		Monfot A.C
Type of drive control		Mosfet AC speed controller
Working hydraulic pressure for attachments		200 bar
Oil flow rate for attachments		25 l/min
Measured/guaranteed mean noise level at the ear of the operator		< 73 dB
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	٠	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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