Technical sheet :





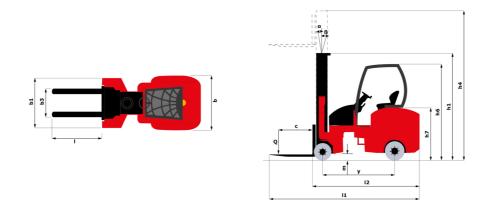


	Technical characteristics							
	Manufacturer							
2	Model Name							
	Power source							
Ļ	Operator type							
5	Max. capacity							
	Load center of gravity							
}	Load distance, centre of drive axle to fork							
)	Wheelbase							
	Weight							
	Service weight							
2	Weight on front axle (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 or	n May 3, 2024 at 2:44:08 PM UTC
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MA II 1	
	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
	Solid tires
	412 x 152
	457 x 152
	2 / 2
	2
o10	960 mm
o11	1080 mm
h6	2260 mm
h7 11	1200 mm 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
	Tyutaunc
	10 kW
	9 kW
	DIN 43595
	48 V / 620 Ah
	1030 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



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