Technical sheet :



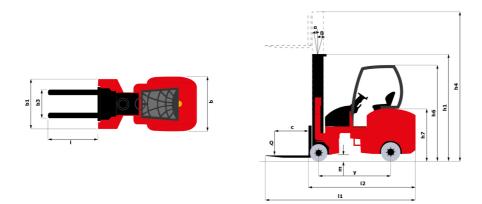




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	Technical characteristics	
1	Manufacturer	
2	Model Name	
	Power source	
	Operator type	
	Max. capacity	
	Load center of gravity	
	Load distance, centre of drive axle to fork	
	Wheelbase	
	Weight	
1	Service weight	
	Weight on front axle (laden) / rear 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 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	

ЕМА	1117	Created on April 1, 2025 at 1:13 AM UTC
		Metric
		Manitou
		EMA II 17
		Electrical
		Seated
Q		1700 kg
С		500 mm
х		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
b10		960 mm
b11		1080 mm
h6		2260 mm
h7		1200 mm
1		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
		48 V / 620 Ah
		1030 kg
		Mosfet AC speed controller
		200 bar
		25 l/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
α - Mast/fork carriage tilt, forward	۰	1	1	1	1	1	1	1	1	1	1	1
β - 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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