Technical sheet :



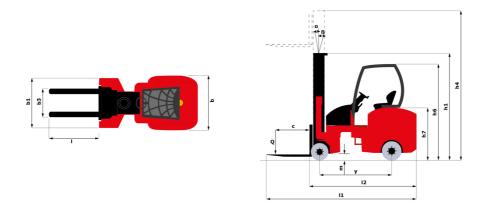




	Technical characteristics
I	Manufacturer
2	Model Name
3	Power source
1	Operator type
5	Max. capacity
5	Load center of gravity
3	Load distance, centre of drive axle to fork
)	Wheelbase
	Weight
1	Service weight
2	Weight on front axle (laden) / rear axle (laden)
	Weight on front axle (Unladen) / rear axle (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 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	II 13	Created on June 2, 2025 at 3:52 AM UTC
		Metric
		Manitou
		EMA II 13
		Electrical
		Seated
Q		1300 kg
С		500 mm
х		278 mm
у		1855 mm
		5900 kg
		3350 kg / 3850 kg
		1900 kg / 4000 kg
		Solid tires
		412 x 127 mm
		457 x 152 mm
		2/2
1.40		2
b10		825 mm
b11		1060 mm
h6		2260 mm
h7		1200 mm
11		3890 mm
12		2740 mm
b1		1060 mm
/e/l		40 mm x 100 mm x 1150 mm
, . , .		2
b3		- 860 mm
m1		50 mm
m2		130 mm
Ast		1700 mm
Ast		1900 mm
		9 km/h-9.50 km/h
		0.35 m/s-0.45 m/s
		0.40 m/s-0.35 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 13 - Dimensional drawing



Characteristics of masts and residual capacities

Free Lift Triplex (FLT)	FLT 42	FLT 50	FLT 56	FLT 60	FLT 66	FLT 76	
a - Mast/fork carriage tilt, forward	۰	1	1	1	1	1	1
β - Mast/fork carriage tilt, backward	۰	3	3	3	3	3	3
h1 - Mast lowered height	mm	2360	2630	2810	2960	3210	3650
h2 - Mast free lift	mm	1400	1750	193	2080	2330	2670
h3 - Mast lifting height	mm	4200	5010	5550	6000	6600	7620
h4 - Mast extended height	mm	5030	5910	6450	6900	7500	8520
Residual capacity with integrated side shift at max heigth	kg	1300	1200	1100	1000	900	750



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