Technical sheet :





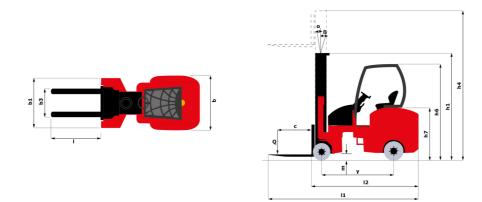


	Technical characteristics
	Manufacturer
	Model Name
	Power source
	Operator type
i	Max. capacity
	Load center of gravity
	Load distance, centre of drive axle to fork
	Wheelbase
	Weight
	Service weight
	Weight on front axle (laden) / rear axle (laden)
	Weight on front axle (Unladen) / rear axle (Unladen)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

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	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							
	412 x 127 mm							
	2/2							
	2							
b10	825 mm							
b10	1060 mm							
DII	1000 11111							
h 6	2260 mm							
h6 h7	2260 mm 1200 mm							
	3890 mm							
11								
12 h1	2740 mm 1060 mm							
b1								
/ e / l	40 mm x 100 mm x 1150 mm							
L.0.	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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