Technical sheet :







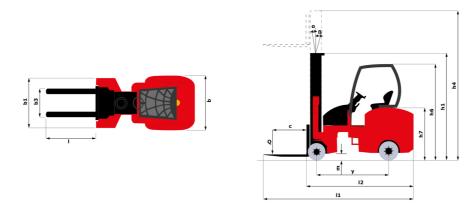
T	echnical characteristics	
1.1 M	lanufacturer	
1.2 M	lodel Name	
1.3 Po	ower source	
1.4 0	perator type	
1.5 M	lax. capacity	
1.6 Lo	oad center of gravity	
1.8 Lo	oad distance, centre of drive axle to fork	
1.9 W	/heelbase	
W	/eight	
2.1 Se	ervice weight	
2.2 W	/eight on front axle (laden) / rear axle (laden)	
	/eight on front axle (Unladen) / rear axle (Unladen)	
	/heels	
	ires type	
	imensions of front wheels	
	imensions of rear wheels	
	umber of front wheels / rear wheels	
	lumber of drive wheels	
	ront wheel gauge	
	ear wheel gauge	
	imensions	
	leight of overhead guard (cabin)	
	eat height/stand height	
	verall length	
	ength to face of forks	
	verall width	
	orks section / width / length	s
	ork carriage ISO 2328 (class/form) A/B	5
	ork carriage width	
	round clearance below mast	
	round clearance at centre of wheelbase	
	isle Width for pallets 1000 x 1200 crossways	
	isle width for 800 x 1200 pallet lengthways	
	erformances	
	ravel speed (laden / unladen)	
	ifting speed (laden / unladen)	
	owering speed (laden / unladen)	
	radeability (laden / unladen)	
	ervice brake	
	ngine	
	rive motor rating S2 60 min	
	ift motor rating at S3 15%	
	attery according to DIN 43531/35/36 A, B, C	
	attery voltage / capacity	
	attery weight (+/- 5%)	
	liscellaneous	
	ype of drive control	
	/orking hydraulic pressure for attachments	
8.3 0	il flow rate for attachments	
8.4 M	leasured/guaranteed mean noise level at the ear of the operator	
8.4 So	ound level at the driver's ear according to DIN 12 053	

## Manitou EMA II 13 Electrical Seated 1300 kg 500 mm 278 mm 1855 mm 5900 kg 3350 kg / 3850 kg 1900 kg / 4000 kg Solid tires 412 x 127 mm 457 x 152 mm 2/2 2 825 mm 1060 mm 2260 mm 1200 mm 3890 mm 2740 mm 1060 mm L 40 mm x 100 mm x 1150 mm 2 860 mm 50 mm 130 mm 1700 mm 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 Created on April 29, 2024 at 12:46:16 PM UTC

## 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
Mast/fork carriage tilt, forward	۰	1	1	1	1	1	1
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 kg max heigth		1300	1200	1100	1000	900	750



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