Technical sheet :







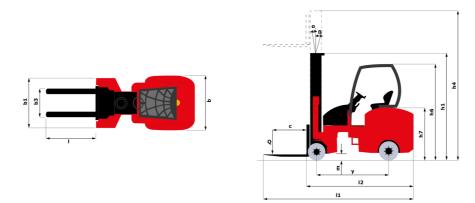
T	echnical characteristics	
1.1 M	lanufacturer	
1.2 M	lodel Name	
1.3 Po	ower source	
1.4 0	perator type	
1.5 M	lax. capacity	
1.6 Lo	oad center of gravity	
1.8 Lo	oad distance, centre of drive axle to fork	
1.9 W	/heelbase	
W	/eight	
2.1 Se	ervice weight	
2.2 W	/eight on front axle (laden) / rear axle (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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