Technical sheet :



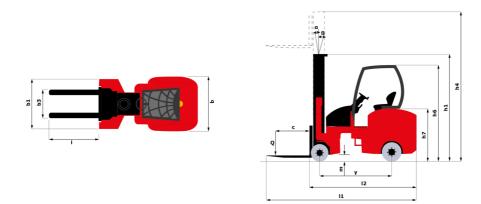




1.1	Technical characteristics
2	Manufacturer
	Model Name
	Power source
	Operator type
i	Max. capacity
	Load center of gravity
В	Load distance, centre of drive axle to fork
.9	Wheelbase
	Weight
.1	Service weight
2	Weight on front axle (laden) / rear axle (laden)
3	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
	Tires type
2	Dimensions of front wheels
3	Dimensions of rear wheels
5	Number of front wheels / rear wheels
5.2	Number of drive wheels
2	Front wheel gauge
7	Rear wheel gauge
	Dimensions
7	Height of overhead guard (cabin)
	Seat height/stand height
1	Overall length
)	Length to face of forks
)	Overall width
22	Forks section / width / length
23	Fork carriage ISO 2328 (class/form) A/B
4	Fork carriage width
1	Ground clearance below mast
32	Ground clearance at centre of wheelbase
33	Aisle Width for pallets 1000 x 1200 crossways
4	Aisle width for 800 x 1200 pallet lengthways
	Performances
1	Travel speed (laden / unladen)
2	Lifting speed (laden / unladen)
1	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
1	Type of drive control
.2	Working hydraulic pressure for attachments
3	Oil flow rate for attachments
1	Measured/guaranteed mean noise level at the ear of the operator
4	Sound level at the driver's ear according to DIN 12 053

ЕМА	11 20	Created on 3 May 2024 at 07:31:53 UTC
		Metric
		Manitou
		EMA II 20
		Electrical
		Seated
Q		2000 kg
С		500 mm
х		278 mm
у		1745 mm
		6600 kg
		4800 kg / 4400 kg
		2200 kg / 4400 kg
		Solid tires
		412 x 178
		457 x 152
		2/2
		2
b10		1125 mm
b11		1200 mm
h6		2260 mm
h7		1200 mm
11		3710 mm
12		2560 mm
b1		1200 mm 40 mm x 125 mm x 1150 mm
/ e / l		40 mm x 125 mm x 1150 mm
b3		2 860 mm
m1		50 mm
m2		130 mm
Ast		1900 mm
Ast		2100 mm
7101		2100 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 / 750 Ah
		1135 kg
		Mosfet AC speed controller
		200 bar
		25 l/min
		< 73 dB
		73 dB

## EMA II 20 - Dimensional drawing



## Characteristics of masts and residual capacities

Free Lift Triplex (FLT)		FLT 42	FLT 45	FLT 50	FLT 56	FLT 60	FLT 66	FLT 72	FLT 76	FLT 80	FLT 86	FLT 90	FLT 95	FLT 102
Mast/fork carriage tilt, forward	٥	1	1	1	1	1	1	1	1	1	1	1	1	1
Mast/fork carriage tilt, backward	۰	3	3	3	3	3	3	3	3	3	3	3	3	3
h1 - Mast lowered height	mm	2300	2410	2570	2750	2900	3150	3400	3590	3720	4020	4150	4500	4690
h2 - Mast free lift	mm	1480	1590	1750	1930	2080	2330	2580	2770	2900	3200	3330	3650	3870
h3 - Mast lifting height	mm	4200	4530	5010	5550	6000	6600	7200	7620	8010	8610	9000	9500	10200
h4 - Mast extended height	mm	5030	5360	5840	6380	6830	7430	8030	8450	8840	9440	9830	10475	11175
Residual capacity with integrated side shift at max heigth	kg	1800	1700	1600	1500	1400	1300	1200	1150	1080	1000	1000	900	750



Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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