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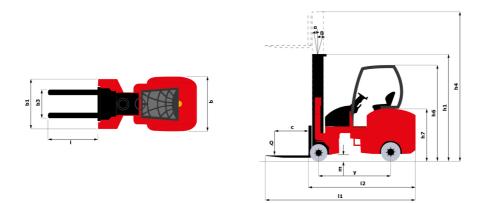




Technical characteristics Menufacturer Model Name Power source Operator type Max. capacity Load center of gravity Load center of gravity Load distance, centre of drive axle to fork Wheels Weight Service weight Weight on front axle (laden) / rear axle (laden) Wheels Dimensions of front wheels Dimensions of front wheels Number of front wheels / rear wheels Number of front wheels / rear wheels Number of front wheels / rear wheels Port wheel gauge Dimensions Height of orethead guard (cabin) Seat height/stand height Overall length Length of face to facks Overall width Fork carriage width Ground clearance below mast Ground clearance below mast Ground clearance below mast Ground clearance below mast Ground clearance below 1200 pallet lengthways Performances Pariou Drive loape (aden / unladen) <th>r gravity , centre of drive axle to fork t t taxle (laden) / rear axle (laden) t taxle (luladen) / rear axle (luladen) f front wheels f front wheels f front wheels f front wheels f rear wheels turketu</th>	r gravity , centre of drive axle to fork t t taxle (laden) / rear axle (laden) t taxle (luladen) / rear axle (luladen) f front wheels f front wheels f front wheels f front wheels f rear wheels turketu
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	aranteed mean noise level at the ear of the operator
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weasuled/guaranteed mean horse lever at the ear of the operator	the driver's ear according to DIN 12.053
Sound level at the driver's ear according to DIN 12 053	

EMA II 20	Created on June 16, 2025 at 4:25 PM UTC										
	Metric										
	Manitou										
	EMA II 20										
	Electrical										
	Seated										
Q	2000 kg										
С	500 mm										
x	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										
s / e / l	40 mm x 125 mm x 1150 mm										
	2										
b3	860 mm										
m1	50 mm 130 mm										
m2 Ast	130 mm 1900 mm										
Ast	2100 mm										
ASI	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										
	Monfat A.O. en estimates lles										
	Mosfet AC speed controller										
	200 bar 25 l/min										
	< 73 dB										
	< 73 dB 73 dB										
	, 5 UD										

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
α - Mast/fork carriage tilt, forward	۰	1	1	1	1	1	1	1	1	1	1	1	1	1
β - 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



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