Technical sheet :





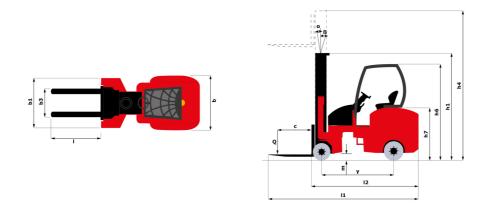


	Technical characteristics
	Manufacturer
	Model Name
	Power source
	Operator type
i	Max. capacity
	Load center of gravity
	Load distance, centre of drive axle to fork
	Wheelbase
	Weight
	Service weight
	Weight on front axle (laden) / rear axle (laden)
	Weight on front axle (Unladen) / rear axle (Unladen)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

EMA II 17 Created on June 16, 2025 at 2:13 PM UTC

Metric Manitou EMA II 17 Electrical Seated 1700 kg 500 mm 278 mm 1745 mm 6000 kg 4250 kg / 3250 kg 2000 kg / 4000 kg 6000 kg 4250 kg / 3250 kg 2000 kg / 4000 kg 2 2 2 2 2 2 2 2 2 3710 mm 2560 mm 1080 mm 40 mm x 100 mm x 1150 mm 2 860 mm 100 mm 2000 mm 300 mm 2000 mm 300 mm 300
EMA II 17 Electrical Seated 1700 kg 500 mm 278 mm 1745 mm 6000 kg 4250 kg / 3250 kg 2000 kg / 4000 kg 2000 kg / 4000 kg 2000 kg / 4000 kg 4250 kg / 3250 kg 2000 kg / 4000 kg 2000 kg / 4000 kg 2000 kg / 4000 kg 2000 kg / 4000 kg 2000 kg 412 x 152 457 x 152 2 / 2 2 2 960 mm 1080 mm 2000 mm 2000 mm 2000 mm 1080 mm 2000 mm 1080 mm 2000 mm 2000 mm 2000 mm 3710 mm 2000 mm 2000 mm
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130 mm 1800 mm 2000 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
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8 % / 10.50 % Hydraulic 10 kW 9 kW
Hydraulic 10 kW 9 kW
10 kW 9 kW
9 kW
9 kW
DIN 43595
48 V / 620 Ah
1030 kg
Mosfet AC speed controller
Mosfet AC speed controller 200 bar
200 bar
200 bar 25 l/min

EMA II 17 - Dimensional drawing



Characteristics of masts and residual capacities

Free Lift Triplex (FLT)		FLT 39	FLT 42	FLT 46	FLT 48	FLT 50	FLT 52	FLT 56	FLT 60	FLT 66	FLT 72	FLT 76
α - Mast/fork carriage tilt, forward	۰	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
h1 - Mast lowered height	mm	2210	2300	2440	2500	2570	2640	2750	2900	3150	3400	3590
h2 - Mast free lift	mm	1390	1480	1620	1680	1750	1820	1930	2080	23300	2580	2770
h3 - Mast lifting height	mm	3930	4200	4620	4800	5010	5220	5550	6000	6600	7200	7620
h4 - Mast extended height	mm	4760	5030	5450	5630	5840	6050	6380	6830	7430	8030	8450
Residual capacity with integrated side shift at max heigth	kg	1250	1300	1300	1200	1200	1200	1200	1100	950	900	900



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