Technical sheet:

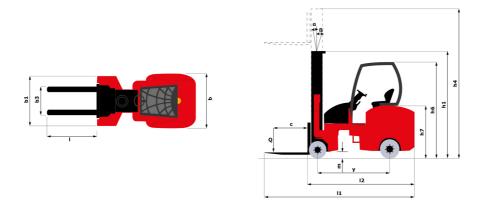
## EMA II 17





Technical characteristics	
1.2   Model Name   EMA II 17     1.3   Power source   Electrical     1.4   Operator type   Seated     1.5   Max. capacity   Q   1700 kg     1.6   Load center of gravity   c   500 mm     1.8   Load distance, centre of drive axle to fork   x   278 mm     1.9   Wheelbase   y   1745 mm	
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4.8       Seat height/stand height       h7       1200 mm         4.19       Overall length       11       3710 mm	
4.19 Overall length I1 3710 mm	
·	
4.20 Length to race of rolks	
4.21 Overall width b1 1080 mm	
4.22 Forks section / width / length s / e / l 40 mm x 100 mm x 1150	mm
4.23 Fork carriage ISO 2328 (class/form) A/B 2	
4.24 Fork carriage width b3 860 mm	
4.31 Ground clearance below mast m1 50 mm	
4.32 Ground clearance at centre of wheelbase m2 130 mm	
4.33 Aisle Width for pallets 1000 x 1200 crossways Ast 1800 mm	
4.34 Aisle width for 800 x 1200 chossways Ast 2000 mm	
Performances	
5.1 Travel speed (laden / unladen) 9 km/h-9.50 km/h	
5.2 Lifting speed (laden / unladen) 0.35 m/s-0.45 m/s	
5.3 Lowering speed (laden / unladen) 0.40 m/s-0.36 m/s	
5.7 Gradeability (laden / unladen) 8 % / 10.50 %	
5.10 Service brake Hydraulic	
Engine Engine	
6.1 Drive motor rating \$2 60 min 10 kW	
6.2 Lift motor rating at S3 15% 9 kW	
6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43595	
6.4 Battery voltage / capacity 48 V / 620 Ah	
6.5 Battery weight (+/- 5%) 1030 kg	
Miscellaneous	
8.1 Type of drive control Mosfet AC speed control	ller
8.2 Working hydraulic pressure for attachments 200 bar	mei
8.3 Oil flow rate for attachments 25 l/min	
8.4 Measured/guaranteed mean noise level at the ear of the operator <73 dB	
8.4 Sound level at the driver's ear according to DIN 12 053 73 dB	
0.4 Counts to tell at the three's ear according to bird 12 000	

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
Mast/fork carriage tilt, forward	۰	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
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





## **Head Office**

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