Technical sheet :





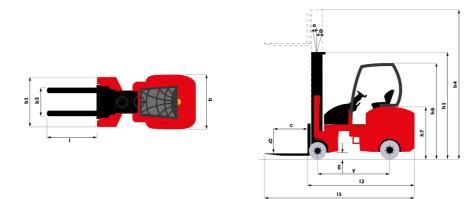


| | | _ |
|-------|-----------------------------------------------------------------|---|
| | Technical characteristics | |
| 1.1 | Manufacturer | |
| 1.2 | Model Name | |
| 1.3 | Power source | |
| 1.4 | Operator type | |
| 1.5 | Max. capacity | |
| 1.6 | Load center of gravity | |
| 1.8 | Load distance, centre of drive axle to fork | |
| 1.9 | Wheelbase | |
| | Weight | |
| 2.1 | Service weight | |
| 2.2 | Weight on front axle (laden) / rear axle (laden) | |
| 2.3 | Weight on front axle (Unladen) / rear axle (Unladen) | |
| | Wheels | |
| 3.1 | Tires type | |
| 3.2 | Dimensions of front wheels | |
| 3.3 | Dimensions of rear wheels | |
| 3.5 | Number of front wheels / rear wheels | |
| 3.5.2 | Number of drive wheels | |
| 3.6 | Front wheel gauge | |
| 3.7 | Rear wheel gauge | |
| | Dimensions | |
| 4.7 | Height of overhead guard (cabin) | |
| 4.8 | Seat height/stand height | |
| 4.19 | Overall length | |
| 4.20 | Length to face of forks | |
| 4.21 | Overall width | |
| 4.22 | Forks section / width / length | |
| 4.23 | Fork carriage ISO 2328 (class/form) A/B | |
| 4.23 | Fork carriage width | |
| 4.24 | Ground clearance below mast | |
| 4.31 | Ground clearance at centre of wheelbase | |
| | | |
| 4.33 | Aisle Width for pallets 1000 x 1200 crossways | |
| 4.34 | Aisle width for 800 x 1200 pallet lengthways | |
| 5.4 | Performances | |
| 5.1 | Travel speed (laden / unladen) | |
| 5.2 | Lifting speed (laden / unladen) | |
| 5.3 | Lowering speed (laden / unladen) | |
| 5.7 | Gradeability (laden / unladen) | |
| 5.10 | Service brake | |
| | Engine | |
| 6.1 | Drive motor rating S2 60 min | |
| 6.2 | Lift motor rating at S3 15% | |
| 6.3 | Battery according to DIN 43531/35/36 A, B, C | |
| 6.4 | Battery voltage / capacity | |
| 6.5 | Battery weight (+/- 5%) | |
| | Miscellaneous | |
| 8.1 | Type of drive control | |
| 8.2 | Working hydraulic pressure for attachments | |
| 8.3 | Oil flow rate for attachments | |
| 8.4 | Measured/guaranteed mean noise level at the ear of the operator | |
| 8.4 | Sound level at the driver's ear according to DIN 12 053 | |
| | | |

Manitou EMA II 17 Electrical Seated 1700 kg 500 mm 278 mm 1745 mm 6000 kg 4250 kg / 3250 kg 2000 kg / 4000 kg Solid tires 412 x 152 457 x 152 2/2 2 960 mm 1080 mm 2260 mm 1200 mm 3710 mm 2560 mm 1080 mm 40 mm x 100 mm x 1150 mm 2 860 mm 50 mm 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 DIN 43595 48 V / 620 Ah 1030 kg Mosfet AC speed controller 200 bar 25 l/min < 73 dB 73 dB

EMA II 17 Created on June 18, 2025 at 2:51 PM UTC

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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