Technical sheet :



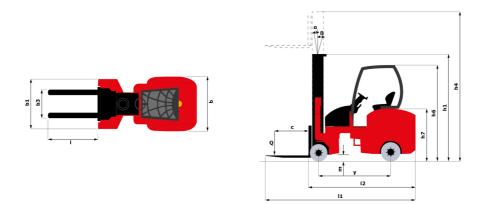




| _ | | |
|---|---|--|
| | Technical characteristics | |
| 1 | Manufacturer | |
| 2 | Model Name | |
| | Power source | |
| | Operator type | |
| | Max. capacity | |
| | Load center of gravity | |
| | Load distance, centre of drive axle to fork | |
| | Wheelbase | |
| | Weight | |
| 1 | Service weight | |
| | 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 | |

| ЕМА | 1117 | Created on April 1, 2025 at 1:13 AM UTC |
|---------|------|---|
| | | Metric |
| | | Manitou |
| | | EMA II 17 |
| | | Electrical |
| | | Seated |
| Q | | 1700 kg |
| С | | 500 mm |
| х | | 278 mm |
| у | | 1745 mm |
| | | |
| | | 6000 kg |
| | | 4250 kg / 3250 kg |
| | | 2000 kg / 4000 kg |
| | | Solid tires |
| | | 412 x 152 |
| | | 457 x 152 |
| | | 2/2 |
| | | 2 |
| b10 | | 960 mm |
| b11 | | 1080 mm |
| | | |
| h6 | | 2260 mm |
| h7 | | 1200 mm |
| 1 | | 3710 mm |
| 12 | | 2560 mm |
| b1 | | 1080 mm |
| / e / l | | 40 mm x 100 mm x 1150 mm |
| | | 2 |
| b3 | | 860 mm |
| m1 | | 50 mm |
| m2 | | 130 mm |
| Ast | | 1800 mm |
| Ast | | 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 - 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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