Technical sheet :



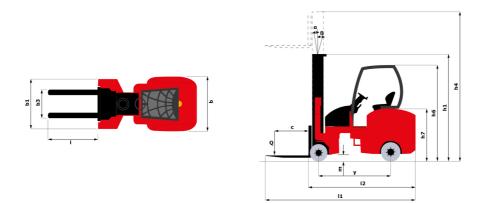




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| | aranteed mean noise level at the ear of the operator |
| Managered (guaranteed mean noise level at the ear of the energies | |
| weasuled/guaranteed mean horse lever at the ear of the operator | the driver's ear according to DIN 12.053 |
| Sound 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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