Technical sheet:

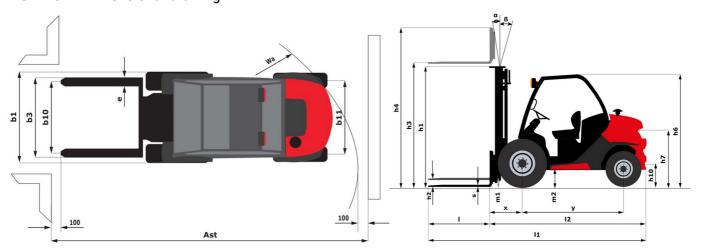
MC-X 25-4





| | | | MC-X 25-4 Greated Off May 3, 2024 at 5.10.52 AM O | | |
|-----|--|-----------|---|--|--|
| | Technical characteristics | | Metric | | |
| 1.1 | Manufacturer | | Manitou | | |
| 1.2 | Model Name | | MC-X_25-4 | | |
| 1.3 | Power source | | Diesel | | |
| 1.4 | Operator type | | Seated | | |
| | Max. capacity | Q | 2500 kg | | |
| | Load center of gravity | С | 500 mm | | |
| | Load distance, centre of drive axle to fork | X | 621 mm | | |
| | Wheelbase | у | 1900 mm | | |
| | Weight | | | | |
| | Service weight | | 4035 kg | | |
| | Weight on front axle (laden) / rear axle (laden) | | 5550 kg / 985 kg | | |
| | Weight on front axle (Unladen) / rear axle (Unladen) | | 1575 kg / 2460 kg | | |
| | Wheels | _ | 1070 kg / 2100 kg | | |
| | Tires type | _ | Pneumatic | | |
| | Dimensions of front wheels | | 12,5/80-18/12 SL R4 | | |
| | Dimensions of rear wheels | | 27x10-12 SKS | | |
| | Number of front wheels / rear wheels | | 2/2 | | |
| | | | 4 | | |
| | Number of drive wheels | 110 | | | |
| | Front wheel gauge | b10 | 1159 mm | | |
| | Rear wheel gauge Dimensions | b11 | 1176 mm | | |
| | Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version) | h6 / h6* | 2155 mm / 1990 mm | | |
| | Seat height/stand height | h7 | 1094 mm | | |
| | Overall length | II7 | 4195 mm | | |
| | Length to face of forks | 12 | 3045 mm | | |
| | Overall width | b1 | 1450 mm | | |
| | Forks section x width x length | s / e / l | 40 mm x 122 mm / 1150 mm | | |
| | - | \$7.671 | 2A | | |
| | Fork carriage ISO 2328 (class/form) A/B | b3 | 1260 mm | | |
| | Fork carriage width Ground clearance below mast | m1 | 300 mm | | |
| | | | | | |
| | Ground clearance at centre of wheelbase | m2 | 310 mm | | |
| | Tuming radius | Wa | 3405 m | | |
| | Performances | | 401 (1.404001 (1 | | |
| | Travel speed (laden / unladen) | | 12 km/h / 24.90 km/h | | |
| | Lifting speed (laden / unladen) | | 0.47 m/s / 0.46 m/s | | |
| | Lowering speed (laden / unladen) | | 0.50 m/s / 0.30 m/s | | |
| | Service brake | | Hydraulic brakes by loss of pressure | | |
| | Engine | | | | |
| | Engine power according to ISO 1585 | | 36 kW | | |
| | Engine brand / model | | Kubota / V2403 | | |
| | Engine power according to ISO 1585 | | 36 kW | | |
| | Rated speed | | 2700 rpm | | |
| 7.4 | Number of cylinders / Capacity of cylinders | | 4 - 2434 cm³ | | |
| | Miscellaneous | | | | |
| 8.1 | Type of drive control | | Cable | | |
| 8.2 | Working hydraulic pressure for attachments | | 180 bar | | |
| 8.3 | Oil flow rate for attachments | | 53 I/min | | |

MC-X 25-4 - Dimensional drawing



Characteristics of masts and residual capacities

| Full Visibility Duplex (FVD) | | FVD 33 | FVD 37 | FVD 45 |
|-----------------------------------|----|--------|--------|--------|
| Mast/fork carriage tilt, forward | ٠ | 10 | 10 | 10 |
| Mast/fork carriage tilt, backward | ۰ | 12 | 12 | 12 |
| h1 - Mast lowered height | mm | 2338 | 2598 | 3038 |
| h2 - Mast free lift | mm | 112 | 112 | 112 |
| h3 - Mast lifting height | mm | 3300 | 3700 | 4500 |
| h4 - Mast extended height | mm | 4090 | 4490 | 5290 |
| Height at max capacity | mm | 2500 | 2500 | 2500 |

| Free Lift Triplex (FLT) | | FLT 34 | FLT 37 | FLT 40 | FLT 43 | FLT 47 | FLT 55 |
|-----------------------------------|----|--------|--------|--------|--------|--------|--------|
| Mast/fork carriage tilt, forward | ٠ | 10 | 10 | 10 | 10 | 10 | 6 |
| Mast/fork carriage tilt, backward | ٠ | 12 | 12 | 12 | 12 | 12 | 6 |
| h1 - Mast lowered height | mm | 1988 | 2088 | 2188 | 2338 | 2438 | 2788 |
| h2 - Mast free lift | mm | 1210 | 1310 | 1410 | 1510 | 1660 | 1920 |
| h3 - Mast lifting height | mm | 3400 | 3700 | 4000 | 4300 | 4700 | 5500 |
| h4 - Mast extended height | mm | 4236 | 4536 | 4836 | 5168 | 5536 | 6408 |
| Height at max capacity | mm | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 |

| Full Visibility Triplex (FVT) | | FVT 33 |
|-----------------------------------|----|--------|
| Mast/fork carriage tilt, forward | ٠ | 10 |
| Mast/fork carriage tilt, backward | ٠ | 12 |
| h1 - Mast lowered height | mm | 1878 |
| h2 - Mast free lift | mm | 124 |
| h3 - Mast lifting height | mm | 3300 |
| h4 - Mast extended height | mm | 4079 |
| Height at max capacity | mm | 2500 |





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