Technical sheet :



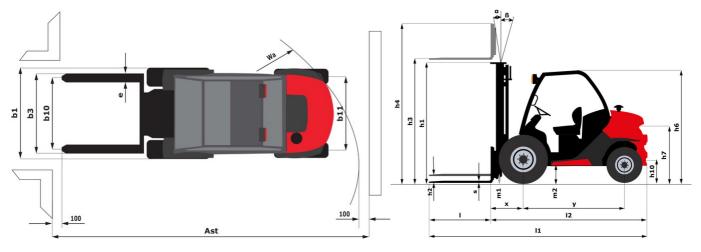




| | Technical characteristics |
|-------|--|
| 1.1 | Manufacturer |
| 1.2 | Model Name |
| 1.3 | Power source |
| 1.4 | Operator type |
| 1.5 | Max. capacity |
| 1.6 | Load center of gravity |
| 1.8 | Load distance, centre of drive axle to fork |
| 1.9 | Wheelbase |
| | Weight |
| 2.1 | Service weight |
| 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) / Overall height of low overhead guard (Buggie version) |
| 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 x width x length |
| 4.23 | Fork carriage ISO 2328 (class/form) A/B |
| 4.24 | Fork carriage width |
| 4.31 | Ground clearance below mast |
| 4.32 | Ground clearance at centre of wheelbase |
| 4.35 | Turning radius |
| | Performances |
| 5.1 | Travel speed (laden / unladen) |
| 5.2 | Lifting speed (laden / unladen) |
| 5.3 | Lowering speed (laden / unladen) |
| 5.10 | Service brake |
| 7.0 | Engine |
| 7.2 | Engine power according to ISO 1585 |
| 7.1 | Engine brand / model |
| 7.2 | Engine power according to ISO 1585 |
| 7.3 | Rated speed |
| 7.4 | Number of cylinders / Capacity of cylinders |
| | Miscellaneous |
| 8.1 | Type of drive control |
| 8.2 | Working hydraulic pressure for attachments |
| 8.3 | Oil flow rate for attachments |
| 8.4 | Sound level at the driver's ear according to DIN 12 053 |

| MC-X 25 | Created on 3 May 2024 at 6:53:19 AM UTC |
|-----------|---|
| | Metric |
| | Manitou |
| | MC-X 25-2 |
| | Diesel |
| | Seated |
| Q | 2500 kg |
| С | 500 mm |
| х | 621 mm |
| у | 1900 mm |
| | |
| | 3875 kg |
| | 5510 kg / 865 kg |
| | 1533 kg / 2342 kg |
| | |
| | Pneumatic |
| | 12,5/80-18/12 SL R4 |
| | 7.00-12/12 ED PLUS |
| | 2/2 |
| | 2 |
| b10 | 1159 mm |
| b11 | 1112 mm |
| | |
| h6 / h6* | 2155 mm / 1990 mm |
| h7 | 1034 mm |
| 1 | 4195 mm |
| 12 | 3045 mm |
| b1 | 1450 mm |
| s / e / l | 40 mm x 122 mm / 1150 mm |
| | 2A |
| b3 | 1260 mm |
| m1 | 300 mm |
| m2 | 320 mm |
| Wa | 2620 mm |
| | |
| | 12 km/h / 24.90 km/h |
| | 0.47 m/s / 0.46 m/s |
| | 0.50 m/s / 0.30 m/s |
| | Hydraulic brakes by loss of pressure |
| | |
| | 36 kW |
| | Kubota / V2403 |
| | 36 kW |
| | 2700 rpm |
| | 4 - 2434 cm ³ |
| | |
| | Cable |
| | 180 bar |
| | 53 l/min |
| | 82 dB |

MC-X 25-2 - Dimensional drawing



Characteristics of masts and residual capacities

| Full Visibility Duplex (FVD) | | FVD 33 | FVD 37 | FVD 45 |
|-----------------------------------|----|--------|--------|--------|
| Mast/fork carriage tilt, forward | ٥ | 10 | 10 | 10 |
| Mast/fork carriage tilt, backward | ٥ | 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 | ٥ | 10 | 10 | 10 | 10 | 10 | 6 |
| Mast/fork carriage tilt, backward | ۰ | 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 | ٥ | 10 |
| Mast/fork carriage tilt, backward | ٥ | 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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