Technical sheet:

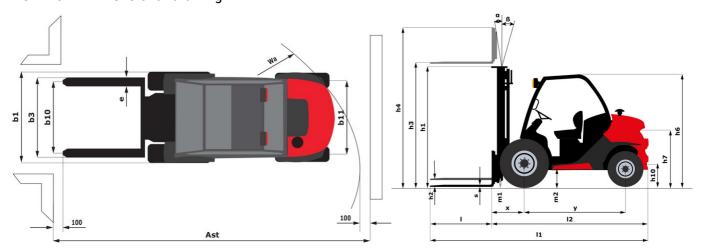
## MC-X 25-2





| Tec      | chnical characteristics  |           | Metric                               |
|----------|--|-----------|--------------------------------------|
| 1.1 Ma   | nufacturer   |           | Manitou                              |
| 1.2 Mo   | del Name   |           | MC-X 25-2                            |
| 1.3 Pov  | wer source   |           | Diesel                               |
| 1.4 Op   | erator type  |           | Seated                               |
| 1.5 Ma   | x. capacity  | Q         | 2500 kg                              |
|          | ad center of gravity   | С         | 500 mm                               |
|          | ad distance, centre of drive axle to fork  | Х         | 621 mm                               |
|          | eelbase  | у         | 1900 mm                              |
|          | ight   |           |                                      |
|          | vice weight  |           | 3875 kg                              |
|          | ight on front axle (laden) / rear axle (laden)   |           | 5510 kg / 865 kg                     |
|          | ight on front axle (Unladen) / rear axle (Unladen)                                     |           | 1533 kg / 2342 kg                    |
|          | eels   |           | 1000 Ng / 20 12 Ng                   |
|          | es type  |           | Pneumatic                            |
|          | nensions of front wheels   |           | 12,5/80-18/12 SL R4                  |
|          | nensions of rear wheels  |           | 7.00-12/12 ED PLUS                   |
|          | mber of front wheels / rear wheels   |           | 2 / 2                                |
|          | mber of drive wheels   |           | 2                                    |
|          | nt wheel gauge   | b10       | 1159 mm                              |
|          |  | b10       | 1112 mm                              |
|          | ar wheel gauge   | DII       | 1112 mm                              |
|          | mensions   | hc (hc+   | 0155 / 1000                          |
|          | ight of overhead guard (cabin) / Overall height of low overhead guard (Buggie version) | h6 / h6*  | 2155 mm / 1990 mm                    |
|          | at height/stand height   | h7        | 1034 mm                              |
|          | erall length   | l1        | 4195 mm                              |
|          | ngth to face of forks  | 12        | 3045 mm                              |
|          | erall width  | b1        | 1450 mm                              |
|          | ks section x width x length  | s / e / l | 40 mm x 122 mm / 1150 mm             |
|          | k carriage ISO 2328 (class/form) A/B   |           | 2A                                   |
|          | k carriage width   | b3        | 1260 mm                              |
|          | ound clearance below mast  | m1        | 300 mm                               |
|          | ound clearance at centre of wheelbase  | m2        | 320 mm                               |
|          | ning radius  | Wa        | 2620 mm                              |
|          | formances  |           |                                      |
|          | vel speed (laden / unladen)  |           | 12 km/h / 24.90 km/h                 |
|          | ting speed (laden / unladen)   |           | 0.47 m/s / 0.46 m/s                  |
|          | wering speed (laden / unladen)   |           | 0.50 m/s / 0.30 m/s                  |
| 5.10 Ser | vice brake   |           | Hydraulic brakes by loss of pressure |
| Tra      | nsmission type   |           | Hydrostatic                          |
| Eng      | gine   |           |                                      |
|          | gine brand / model / norm  |           | Kubota / V2403 / Stage IIIA          |
| 7.2 I.C  | Engine power rating  |           | 36 kW                                |
| 7.3 Rat  | ed speed   |           | 2700 rpm                             |
| 7.4 Nu   | mber of cylinders / Capacity of cylinders  |           | 4 - 2434 cm³                         |
| Mis      | scellaneous  |           |                                      |
| 8.1 Тур  | pe of drive control  |           | Cable                                |
| 8.2 Wo   | rking hydraulic pressure for attachments   |           | 180 bar                              |
| 8.3 Oil  | flow rate for attachments  |           | 53 l/min                             |
|          | und level at the driver's ear according to DIN 12 053                                  |           | 82 dB                                |

## MC-X 25-2 - Dimensional drawing



## Characteristics of masts and residual capacities

| Full Visibility Duplex (FVD)          |    | FVD 33 | FVD 37 | FVD 45 |
|---------------------------------------|----|--------|--------|--------|
| α - Mast/fork carriage tilt, forward  | ٠  | 10     | 10     | 10     |
| β - Mast/fork carriage tilt, backward | ٠  | 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 |
|---------------------------------------|----|--------|--------|--------|--------|--------|--------|
| α - Mast/fork carriage tilt, forward  | ۰  | 10     | 10     | 10     | 10     | 10     | 6      |
| β - 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 |
|---------------------------------------|----|--------|
| α - Mast/fork carriage tilt, forward  | ۰  | 10     |
| β - Mast/fork carriage tilt, backward | ۰  | 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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