

Scheda tecnica :

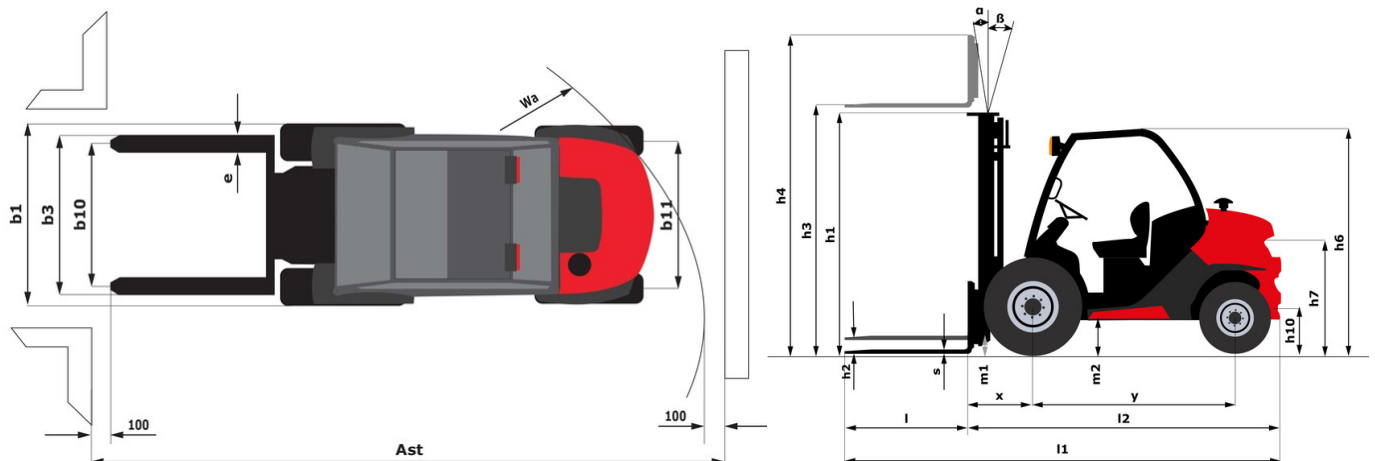
# MC 30-2 ST5



 **MANITOU**  
HANDLING YOUR WORLD

|       | Technical characteristics                                                                |           | Metrico                              |
|-------|------------------------------------------------------------------------------------------|-----------|--------------------------------------|
| 1.1   | Manufacturer                                                                             |           | Manitou                              |
| 1.2   | Model Name                                                                               |           | MC 30-2 ST5                          |
| 1.3   | Power source                                                                             |           | Diesel                               |
| 1.4   | Operator type                                                                            |           | Seated                               |
| 1.5   | Max. capacity                                                                            | Q         | 3000 kg                              |
| 1.6   | Load center of gravity                                                                   | c         | 500 mm                               |
| 1.8   | Load distance, centre of drive axle to fork                                              | x         | 626 mm                               |
| 1.9   | Wheelbase                                                                                | y         | 1900 mm                              |
|       | <b>Weight</b>                                                                            |           |                                      |
| 2.1   | Service weight                                                                           |           | 4220 kg                              |
| 2.2   | Weight on front axle (laden) / rear axle (laden)                                         |           | 6570 kg / 650 kg                     |
| 2.3   | Weight on front axle (Unladen) / rear axle (Unladen)                                     |           | 1570 kg / 2650 kg                    |
|       | <b>Wheels</b>                                                                            |           |                                      |
| 3.1   | Tires type                                                                               |           | Pneumatic                            |
| 3.2   | Dimensions of front wheels                                                               |           | 12,5/80-18/12 SL R4                  |
| 3.3   | Dimensions of rear wheels                                                                |           | 7,00-12/12 ED PLUS                   |
| 3.5   | Number of front wheels / rear wheels                                                     |           | 2 / 2                                |
| 3.5.2 | Number of drive wheels                                                                   |           | 2                                    |
| 3.6   | Front wheel gauge                                                                        | b10       | 1159 mm                              |
| 3.7   | Rear wheel gauge                                                                         | b11       | 1176 mm                              |
|       | <b>Dimensions</b>                                                                        |           |                                      |
| 4.7   | Height of overhead guard (cabin) / Overall height of low overhead guard (Buggie version) | h6 / h6*  | 2155 mm / 1990 mm                    |
| 4.8   | Seat height/stand height                                                                 | h7        | 1034 mm                              |
| 4.19  | Overall length                                                                           | l1        | 4265 mm                              |
| 4.20  | Length to face of forks                                                                  | l2        | 3085 mm                              |
| 4.21  | Overall width                                                                            | b1        | 1450 mm                              |
| 4.22  | Forks section x width x length                                                           | s / e / l | 45 mm x 100 mm / 1200 mm             |
| 4.23  | Fork carriage ISO 2328 (class/form) A/B                                                  |           | 3A                                   |
| 4.24  | Fork carriage width                                                                      | b3        | 1260 mm                              |
| 4.31  | Ground clearance below mast                                                              | m1        | 300 mm                               |
| 4.32  | Ground clearance at centre of wheelbase                                                  | m2        | 320 mm                               |
| 4.33  | Aisle width for 1000 x 1200 pallet widths                                                | Ast       | 4626 mm                              |
| 4.35  | Turning radius                                                                           | Wa        | 2650 mm                              |
|       | <b>Performances</b>                                                                      |           |                                      |
| 5.1   | Travel speed (laden / unladen)                                                           |           | 12 km/h / 24.50 km/h                 |
| 5.2   | Lifting speed (laden / unladen)                                                          |           | 0.47 m/s / 0.46 m/s                  |
| 5.3   | Lowering speed (laden / unladen)                                                         |           | 0.50 m/s / 0.30 m/s                  |
| 5.5   | Drawbar pull (Laden / Unladen)                                                           |           | 1700 daN / 910 daN                   |
| 5.7   | Gradeability (laden / unladen)                                                           |           | 24 % / 22 %                          |
| 5.10  | Service brake                                                                            |           | Hydraulic brakes by loss of pressure |
|       | <b>Engine</b>                                                                            |           |                                      |
| 7.2   | Engine power according to ISO 1585                                                       |           | 37 kW                                |
| 7.1   | Engine brand / model / norm                                                              |           | Kubota / D1803 CRT E5B / Stage V     |
| 7.2   | Engine power according to ISO 1585                                                       |           | 37 kW                                |
| 7.3   | Rated speed                                                                              |           | 2700 rpm                             |
| 7.4   | Number of cylinders / Capacity of cylinders                                              |           | 3 - 1826 cm³                         |
|       | <b>Miscellaneous</b>                                                                     |           |                                      |
| 8.1   | Type of drive control                                                                    |           | Electronic                           |
| 8.2   | Working hydraulic pressure for attachments                                               |           | 220 bar                              |
| 8.3   | Oil flow rate for attachments                                                            |           | 42 l/min                             |
| 8.4   | Sound level at the driver's ear according to DIN 12 053                                  |           | 79 dB                                |

## MC 30-2 ST5 - Disegno quotato



# Caratteristiche dei montanti e capacità residue

| Full Visibility Duplex (FVD)                               |    | FVD 33 | FVD 37 | FVD 45 |
|------------------------------------------------------------|----|--------|--------|--------|
| Mast/fork carriage tilt, forward                           | °  | 12     | 12     | 12     |
| Mast/fork carriage tilt, backward                          | °  | 10     | 10     | 10     |
| h1 - Mast lowered height                                   | mm | 2338   | 2598   | 3038   |
| h2 - Mast free lift                                        | mm | 117    | 117    | 117    |
| h3 - Mast lifting height                                   | mm | 3300   | 3700   | 4500   |
| h4 - Mast extended height                                  | mm | 4090   | 4490   | 5290   |
| Residual capacity at max height                            | kg | 1400   | 1400   | 500    |
| Residual capacity with hooked-on side shift at max heighth | kg | 1400   | 1400   | 500    |
| Height at max capacity                                     | mm | 2700   | 2700   | 2800   |
| Height at max capacity with hooked-on sideshift            | mm | 2700   | 2700   | 2800   |

| Free Lift Triplex (FLT)                                    |    | FLT 34 | FLT 37 | FLT 40 | FLT 43 | FLT 47 | FLT 55 |
|------------------------------------------------------------|----|--------|--------|--------|--------|--------|--------|
| Mast/fork carriage tilt, forward                           | °  | 12     | 12     | 12     | 12     | 12     | 6      |
| Mast/fork carriage tilt, backward                          | °  | 10     | 10     | 10     | 10     | 10     | 6      |
| h1 - Mast lowered height                                   | mm | 1988   | 2088   | 2188   | 2338   | 2438   | 2788   |
| h2 - Mast free lift                                        | mm | 1235   | 1335   | 1435   | 1585   | 1685   | 2035   |
| h3 - Mast lifting height                                   | mm | 3400   | 3700   | 4000   | 4300   | 4700   | 5500   |
| h4 - Mast extended height                                  | mm | 4236   | 4536   | 4836   | 5136   | 5536   | 6336   |
| Residual capacity at max height                            | kg | 1900   | 1500   | 1300   | 1400   | 430    | 500    |
| Residual capacity with hooked-on side shift at max heighth | kg | 1800   | 1400   | 1250   |        | 400    | 400    |
| Height at max capacity                                     | mm | 2700   | 2600   | 2700   | 3100   | 2700   | 2500   |
| Height at max capacity with hooked-on sideshift            | mm | 2700   | 2600   | 2700   |        | 2700   | 2500   |

| Full Visibility Triplex (FVT)     |    | FVT 33 |
|-----------------------------------|----|--------|
| Mast/fork carriage tilt, forward  | °  | 12     |
| Mast/fork carriage tilt, backward | °  | 10     |
| h1 - Mast lowered height          | mm | 1878   |
| h2 - Mast free lift               | mm | 129    |
| h3 - Mast lifting height          | mm | 3300   |
| h4 - Mast extended height         | mm | 4079   |
| Height at max capacity            | mm | 2500   |



**Sede centrale**

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