Technical sheet :

## **TMM 20 ST5**

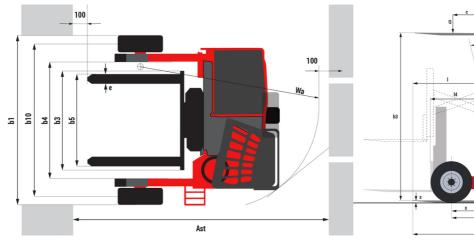


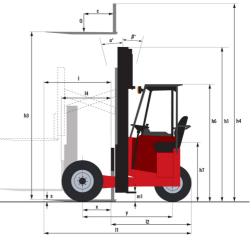


|          | Technical characteristics                            |
|----------|--|
| 1.1      | Manufacturer   |
| .2       | Model Name   |
| 2.1      | Reach out equipment                                  |
| .3       | Power source   |
| .4       | Operator type  |
| .5       | Max. capacity  |
| .6       | Load center of gravity                               |
| .8       | Load distance, centre of drive axle to fork          |
| .9       | Wheelbase  |
|          | Weight   |
|          | Standard mast reference of the machine               |
| 1        | Service weight                                       |
| 2        | Weight on front axle (laden) / rear axle (laden)     |
| 3        | Weight on front axle (Unladen) / rear axle (Unladen) |
|          | Wheels   |
| 1        | Tires type   |
| 2        | Dimensions of front wheels                           |
| .3       | Dimensions of rear wheels                            |
| .5       | Number of front wheels / rear wheels                 |
| 5.2      | Drive wheels (front / rear)                          |
| .6       | Front wheel gauge                                    |
|          | Dimensions   |
| 4        | Max. lifting height                                  |
| 7        | Height of overhead guard (cabin)                     |
| 3        | Seat height/stand height                             |
| 9        | Overall length                                       |
| 1        | Overall width  |
| 2        | Forks section / width / length                       |
| 3        | Fork carriage ISO 2328 (class/form) A/B              |
| 24       | Fork carriage width                                  |
| 26       | Distance between support arms                        |
| .0<br>16 | Distance between wheel arms/loading surfaces         |
| 8        | Maximum outreach                                     |
| 32       | Ground clearance at centre of wheelbase              |
| 34       | Aisle width for 800 x 1200 pallet lengthways         |
| 5        | Tuming radius  |
| 5        | Performances   |
| 1        | Travel speed (laden / unladen)                       |
| 2        | Lifting speed (laden / unladen)                      |
| 3        | Lowering speed (laden / unladen)                     |
| 7        | Gradeability (laden / unladen)                       |
| 9        | Acceleration time (laden / unladen)                  |
| 0        | Service brake  |
| U        |  |
|          | Transmission type                                    |
|          | Engine<br>Engine brand / norm / model                |
|          | Engine brand / norm / model                          |
|          | I.C. Engine power rating                             |
| 3        | Rated speed  |
| .4       | Number of cylinders / Capacity of cylinders          |
|          | Miscellaneous  |
| 3.1      | Type of drive control                                |
| 3.2      | Working hydraulic pressure for attachments           |
| .3       | Oil flow rate for attachments                        |

| TMM 20 ST5 | Created on August 12, 2025 at 6:52 PM UTC |
|------------|---|
|            | Metric                                    |
|            | MANITOU                                   |
|            | TMM 20 ST5                                |
|            | Pantograph                                |
|            | Diesel                                    |
|            | Seated                                    |
| Q          | 2000 kg                                   |
| С          | 500 mm                                    |
| x          | 490 mm                                    |
| у          | 1598 mm                                   |
|            |   |
|            | FVD 30                                    |
|            | 2290 kg                                   |
|            | 3050 kg / 1240 kg                         |
|            | 1050 kg / 1240 kg                         |
|            |   |
|            | Pneumatic                                 |
|            | 27x10-12 IC30                             |
|            | 27x10-12 IC30                             |
|            | 2 / 1                                     |
|            | 2 / 1                                     |
| b10        | 2151 mm                                   |
|            |   |
| h3         | 4200 mm                                   |
| h6         | 2120 mm                                   |
| h7         | 1070 mm                                   |
| 1          | 2650 mm                                   |
| b1         | 2406 mm                                   |
| s / e / l  | 40 mm x 122 mm x 1200 mm                  |
|            | 2A  |
| b3         | 1260 mm                                   |
| b5         | 1165 mm                                   |
| b4         | 1600 mm                                   |
|            | 1000 mm                                   |
| m2         | 272 mm                                    |
| Ast        | 3363 mm                                   |
| Wa         | 2463 mm                                   |
|            |   |
|            | 9.40 km/h - 9.50 km/h                     |
|            | 0.26 m/s / 0.24 m/s                       |
|            | 0.38 m/s / 0.24 m/s                       |
|            | 56 % / 51 %                               |
|            | 4.10 s / 2.60 s                           |
|            | Hydraulic brakes by loss of pressure      |
|            | Hydrostatic                               |
|            |   |
|            | Kubota - Stage V / D1105-E4B-MNT-2        |
|            | 18.50 kW                                  |
|            | 3000 rpm                                  |
|            | 3 - 1123 cm³                              |
|            |   |
|            | Cable                                     |
|            | 190 bar                                   |
|            | 43 l/min                                  |
|            | 84 dB                                     |

## TMM 20 ST5 - Dimensional drawing





## Characteristics of masts and residual capacities

|   |                 | Full Visibility Duplex (FVD)                      |    | FVD 30 | FVD 36 | FVD 42 |
|---|-----------------|---|----|--------|--------|--------|
|   |                 | h1 - Mast lowered height                          | mm | 2352   | 2702   | 3090   |
|   |                 | h3 - Mast lifting height                          | mm | 3000   | 3600   | 4200   |
|   |                 | h4 - Mast extended height                         | mm | 4455   | 5055   | 5695   |
| Residual Capacity (Maximum Height &<br>LC = 600 mm) | Simple Reach    | Pantograph reach in                               | kg | 2000   | 2000   | 2500   |
|   |                 | Pantograph reach out with stabilizers             | kg | 1750   | 1750   |        |
|   |                 | Pantograph reach out without stabilizers          | kg | 1050   | 1050   |        |
|   |                 | Telescopic forks reach in                         | kg | 2000   | 2000   |        |
|   |                 | Telescopic Forks reach out with stabilizers       | kg | 1300   | 1300   |        |
|   |                 | Telescopic Forks reach out without<br>stabilizers | kg | 1100   | 1100   |        |
|   | Double<br>Reach | Pantograph & TF reach in                          | kg | 2000   | 2000   |        |
|   |                 | Pantograph & TF reach out with stabilizers        | kg | 1100   | 1100   |        |
|   |                 | Pantograph & TF reach out without stabilizers     | kg | 550    | 550    |        |



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