Technical sheet :

TMM 20 ST5





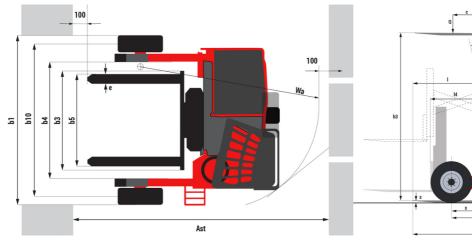
| | Technical characteristics | |
|-------|--|--|
| 1.1 | Manufacturer | |
| 1.2 | Model Name | |
| 1.2.1 | Reach out equipment | |
| 1.3 | Power source | |
| 1.4 | Operator type | |
| 1.5 | Max. capacity | |
| 1.6 | Load center of gravity | |
| 1.8 | Load distance, centre of drive axle to fork | |
| 1.9 | Wheelbase | |
| | Weight | |
| | Standard mast reference of the machine | |
| 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 | Drive wheels (front / rear) | |
| 3.6 | Front wheel gauge | |
| | Dimensions | |
| 4.4 | Max. lifting height | |
| 4.7 | Height of overhead guard (cabin) | |
| 4.8 | Seat height/stand height | |
| 4.19 | Overall length | |
| 4.21 | Overall width | |
| 4.22 | Forks section / width / length | |
| 4.23 | Fork carriage ISO 2328 (class/form) A/B | |
| 4.24 | Fork carriage width | |
| 4.26 | Distance between support arms | |
| 4.26 | Distance between wheel arms/loading surfaces | |
| 4.28 | Maximum outreach | |
| 4.32 | Ground clearance at centre of wheelbase | |
| 4.34 | Aisle width for 800 x 1200 pallet lengthways | |
| 4.35 | Turning radius | |
| | Performances | |
| 5.1 | Travel speed (laden / unladen) | |
| 5.2 | Lifting speed (laden / unladen) | |
| 5.3 | Lowering speed (laden / unladen) | |
| 5.7 | Gradeability (laden / unladen) | |
| 5.9 | Acceleration time (laden / unladen) | |
| 5.10 | Service brake | |
| | Transmission type | |
| | Engine | |
| 7.1 | Engine brand / norm / model | |
| 7.2 | I.C. Engine power rating | |
| 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 | |
| | | |

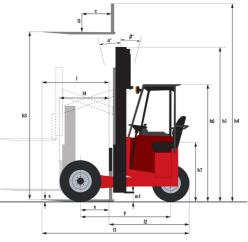
| TMM 20 ST 5 | Created on August 10, 2025 at 1:57 PM UTC |
|-------------|---|
| | Metric |
| | MANITOU |
| | TMM 20 ST5 |
| | Pantograph |
| | Diesel |
| | Seated |
| Q | 2000 kg |
| с | 500 mm |
| x | 490 mm |
| у | 1598 mm |
| | |
| | FVD 30 |
| | 2290 kg |
| | 3050 kg / 1240 kg |
| | 1050 kg / 1240 kg |
| | |
| | Pneumatic |
| | 27x10-12 IC30 |
| | 27x10-12 IC30 |
| | 2 / 1 |
| | 2 / 1 |
| b10 | 2151 mm |
| h 0 | 1000 |
| h3 | 4200 mm |
| h6 | 2120 mm |
| h7 1 | 1070 mm 2650 mm |
| b1 | 2406 mm |
| s/e/l | 40 mm x 122 mm x 1200 mm |
| 37671 | 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 |
| | 0.11. |
| | Cable |
| | 190 bar |
| | 43 l/min |
| | 84 dB |

TMM 20 ST5 - Dimensional drawing

Sound level at the driver's ear according to DIN 12 053

8.4





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 & 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 stabilizers | kg | 1100 | 1100 | |
| | Double 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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