

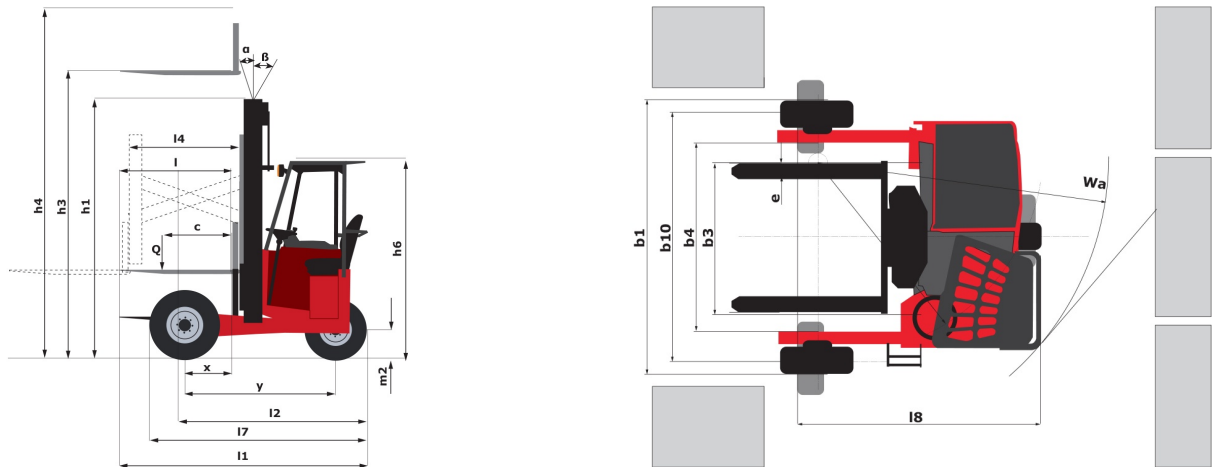
Technical sheet :

TMM 20



| Technical characteristics | | | Metric | Imperial |
|---------------------------|---|-----------|--------------------------|--------------------------------|
| 1.1 | Manufacturer | | Manitou | Manitou |
| 1.2 | Model Name | | TMM 20 | TMM 20 |
| 1.2.1 | Reach out equipment | | Telescopic forks | Telescopic forks |
| 1.3 | Power source | | Diesel | Diesel |
| 1.4 | Operator type | | Seated | Seated |
| 1.5 | Max. capacity | Q | 2000 kg | 4409 lbs |
| 1.6 | Load centre of gravity | c | 600 mm | 23.622 in |
| 1.8 | Load distance, centre of drive axle to fork | x | -500 mm | -19.685 in |
| 1.9 | Wheelbase | y | 1598 mm | 62.913 in |
| Weight | | | | |
| 2.1 | Service Weight | | 2290 kg | 5049 lbs |
| Wheels | | | | |
| 3.1 | Tyres type | | Inflatable | Inflatable |
| 3.2 | Dimensions of front wheels | | 23 x 9 - 10 IC30 | 23 x 9 - 10 IC30 |
| 3.3 | Dimensions of rear wheels | | 23 x 9 - 10 IC30 | 23 x 9 - 10 IC30 |
| 3.5 | Number of front wheels / rear wheels | | 2 / 1 | 2 / 1 |
| 3.5.1 | Drive wheels (front / rear) | | 2 / 1 | 2 / 1 |
| 3.6 | Front wheel gauge | b10 | 2103 mm | 82.795 in |
| Dimensions | | | | |
| 4.7 | Height of overhead guard (cabin) | h6 | 2080 mm | 81.89 in |
| 4.19 | Overall length | l1 | 2598 mm | 102.283 in |
| 4.21 | Overall width | b1 | 2323 mm | 91.457 in |
| 4.22 | Forks section / width / length | s / e / l | 55 mm x 170 mm x 1350 mm | 2.165 in x 6.693 in x 53.15 in |
| 4.23 | Fork carriage ISO 2328 (class/form) A/B | | 2A | 2A |
| 4.24 | Fork carriage width | b3 | 1260 mm | 49.606 in |
| 4.26 | Distance between wheel arms/loading surfaces | b4 | 1600 mm | 62.992 in |
| 4.32 | Ground clearance at centre of wheelbase | m2 | 230 mm | 9.055 in |
| 4.28 | Max. Reach | l4 | 1005 mm | 39.567 in |
| 4.37 | Overall length (without forks) | l7 | 2285 mm | 89.961 in |
| 4.35 | Turning radius | Wa | 2463 mm | 96.969 in |
| Performances | | | | |
| 5.1 | Travel speed (laden / unladen) | | 10 km/h / 10 km/h | 6.2 mph / 6.2 mph |
| 5.7 | Gradeability - laden / unladen | | 43 % / 26 % | 43 % / 26 % |
| 5.9 | Service brake | | Hydraulic | Hydraulic |
| 5.11 | Transmission type | | Hydrostatic | Hydrostatic |
| Engine | | | | |
| 7.1 | Engine brand | | Kubota | Kubota |
| 7.4 | Number of cylinders / Capacity of cylinders | | 4 - 1498 cm ³ | 4 - 91.41 in ³ |
| 7.3 | Rated speed | | 3000 tr/min | 3000 tr/min |
| 7.2 | Engine power according to ISO 1585 | | 26.5 kW | 26.5 kW |
| Miscellaneous | | | | |
| 8.2 | Working hydraulic pressure for attachments (bar) | | 190 Bar | 13 PSI |
| 8.3 | Oil flow rate for attachments | | 43 l/min | 43 l/min |
| 8.4 | Sound level at the driver's ear according to DIN 12 053 | | 86 dB(A) | 86 dB(A) |

Dimensional drawing



Characteristics of masts and residual capacities

| | | Full Visibility Duplex | | | | |
|---|--------------|--|--------|--------|------|------|
| | | FVD 30 | FVD 36 | FVD 39 | | |
| Residual Capacity (Maximum Height & LC = 600) | Simple Reach | h1 - Height mast Lowered | mm | 2352 | 2702 | 2852 |
| | | h3 - Lifting Height | mm | 3000 | 3600 | 3900 |
| | | h4 - Height mast extended | mm | 4455 | 5055 | 5355 |
| | | Pantograph reach in | kg | 2000 | 2000 | 2000 |
| | | Pantograph reach out with stabilizers | kg | 1750 | 1750 | 1750 |
| | | Pantograph reach out without stabilizers | kg | 1050 | 1050 | 1050 |
| | Double Reach | Telescopic forks reach in | kg | 2000 | 2000 | 2000 |
| | | Telescopic Forks reach out with stabilizers | kg | 1300 | 1300 | 1300 |
| | | Telescopic Forks reach out without stabilizers | kg | 1100 | 1150 | 1100 |
| | | Pantograph & TF reach in | kg | 2000 | 2000 | 2000 |
| | | Pantograph & TF reach out with stabilizers | kg | 1100 | 1100 | 1100 |
| | | Pantograph & TF reach out without stabilizers | kg | 550 | 550 | 550 |



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