

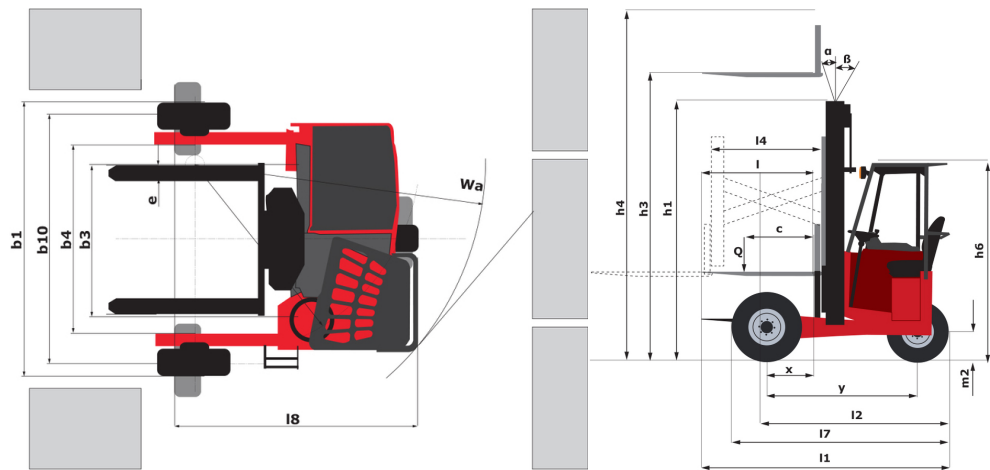
Technical sheet :

TMM 25



| | Technical characteristics | | Imperial |
|-------|---|-----------|---------------------|
| 1.1 | Manufacturer | | Manitou |
| 1.2 | Model Name | | TMM 25 |
| 1.2.1 | Reach out equipment | | Pantograph |
| 1.3 | Power source | | Diesel |
| 1.4 | Operator type | | Seated |
| 1.5 | Max. capacity | Q | 5512 lb |
| 1.6 | Load center of gravity | c | 24 in |
| 1.8 | Load distance, centre of drive axle to fork | x | -20 in |
| 1.9 | Wheelbase | y | 63 in |
| | Weight | | |
| 2.1 | Service weight | | 5159 lb |
| | Wheels | | |
| 3.1 | Tires type | | Inflatable |
| 3.2 | Dimensions of front wheels | | 27x10-12 IC30 |
| 3.3 | Dimensions of rear wheels | | 27x10-12 IC30 |
| 3.5 | Number of front wheels / rear wheels | | 2 / 1 |
| 3.5.2 | Drive wheels (front / rear) | | 2 / 1 |
| 3.6 | Front wheel gauge | b10 | 85 in |
| | Dimensions | | |
| 4.7 | Height of overhead guard (cabin) | h6 | 83 in |
| 4.19 | Overall length | l1 | 104 in |
| 4.21 | Overall width | b1 | 95 in |
| 4.22 | Forks section / width / length | s / e / l | 2 in x 5 in x 47 in |
| 4.23 | Fork carriage ISO 2328 (class/form) A/B | | 2A |
| 4.24 | Fork carriage width | b3 | 50 in |
| 4.26 | Distance between wheel arms/loading surfaces | b4 | 63 in |
| 4.28 | Maximum horizontal extension at COG 600 | l4 | 39 in |
| 4.32 | Ground clearance at centre of wheelbase | m2 | 11 in |
| 4.35 | Turning radius | Wa | 97 in |
| | Performances | | |
| 5.1 | Travel speed (laden / unladen) | | 7 mph - 7 mph |
| 5.7 | Gradeability (laden / unladen) | | 43 % / 26 % |
| 5.10 | Service brake | | Hydraulic |
| 5.11 | Transmission type | | Hydrostatic |
| | Engine | | |
| 7.1 | Engine brand | | Kubota |
| 7.2 | Engine power according to ISO 1585 | | 26.50 kW |
| 7.3 | Rated speed | | 3000 rpm |
| 7.4 | Number of cylinders / Capacity of cylinders | | 4 - 91 in³ |
| | Miscellaneous | | |
| 8.2 | Working hydraulic pressure for attachments | | 2756 PSI |
| 8.3 | Oil flow rate for attachments | | 11 US gpm |
| 8.4 | Sound level at the driver's ear according to DIN 12 053 | | 84 dB |

TMM 25 - Dimensional drawing



Characteristics of masts and residual capacities

| Residual Capacity (Maximum Height & LC = 600 mm) | | Full Visibility Duplex (FVD) | | FVD 30 | FVD 36 | FVD 39 |
|--|--------------|--|----|--------|--------|--------|
| | | h1 - Mast lowered height | in | 94.2 | 108 | 113.9 |
| | | h3 - Mast lifting height | in | 118.1 | 141.7 | 153.5 |
| | | h4 - Mast extended height | in | 177 | 200.6 | 212.4 |
| | Simple Reach | Pantograph reach in | lb | 5512 | 5512 | 5512 |
| | | Pantograph reach out with stabilizers | lb | 4409 | 4299 | 4189 |
| | | Pantograph reach out without stabilizers | lb | 2315 | 2205 | 2094 |
| | | Telescopic forks reach in | lb | 5512 | 5512 | 5512 |
| | | Telescopic Forks reach out with stabilizers | lb | 2976 | 2866 | 2866 |
| | | Telescopic Forks reach out without stabilizers | lb | 2535 | 2425 | 2315 |
| | Double Reach | Pantograph & TF reach in | lb | 5512 | 5512 | 5512 |
| | | Pantograph & TF reach out with stabilizers | lb | 2425 | 2425 | 2425 |
| | | Pantograph & TF reach out without stabilizers | lb | 1213 | 1213 | 1213 |
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