Technical sheet:

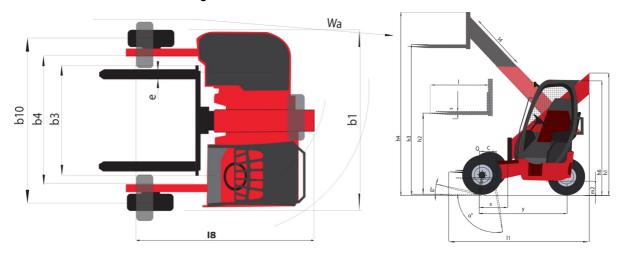
TMT 275 Y ST5





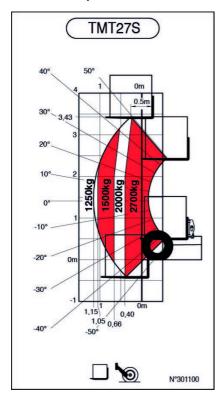
| | | 1,41, 273 1 31 | TMT 275 Y ST5 Created on 22 May 2024 at 2:10:16 | |
|------------|---|----------------|---|--|
| | Technical characteristics | | Metric | |
| 1.1 | Manufacturer | | MANITOU | |
| 1.2 | Model Name | | TMT 27S Y ST5 | |
| .2.1 | Reach out equipment | | Telescopic boom | |
| 1.3 | Power source | | Diesel | |
| 1.4 | Operator type | | Seated | |
| 1.5 | Max. capacity | Q | 2700 kg | |
| 1.6 | Load center of gravity | c | 500 mm | |
| 1.8 | Load distance, centre of drive axle to fork | x | -775 mm | |
| 1.9 | Wheelbase | v | 1921 mm | |
| 1.5 | Weight | , | 1721 11111 | |
| 2.1 | Service weight | | 2720 kg | |
| 2.1 | Wheels | | 2720 kg | |
| 3.1 | | | Pneumatic | |
| | Tires type | | | |
| 3.2 | Dimensions of front wheels | | 10x16,5 | |
| 3.3 | Dimensions of rear wheels | | 10x16,5 | |
| 3.5 | Number of front wheels / rear wheels | | 2 / 1 | |
| 5.5.2 | Drive wheels (front / rear) | | 2 / 1 | |
| 3.6 | Front wheel gauge | b10 | 2072 mm | |
| | Dimensions | | | |
| 4.1 | Mast/fork carriage tilt, forward | | 100 ° | |
| .1.1 | Mast/fork carriage tilt, backward | | 12 ° | |
| 4.2 | Height telescopic boom lowered | h1 | 2240 mm | |
| 4.3 | Mast free lift | h2 | 1440 mm | |
| 4.4 | Max. lifting height | h3 | 3380 mm | |
| 4.5 | Height telescopic boom extended | h4 | 3925 mm | |
| 4.7 | Height of overhead guard (cabin) | h6 | 2200 mm | |
| 4.8 | Seat height/stand height | h7 | 1220 mm | |
| 1.19 | Overall length | l1 | 2790 mm | |
| 1.20 | Length to face of forks | 12 | 1590 mm | |
| 1.21 | Overall width | b1 | 2350 mm | |
| 1.22 | Forks section / width / length | s / e / l | 40 mm x 125 mm x 1200 mm | |
| 1.23 | Fork carriage ISO 2328 (class/form) A/B | 37071 | FEM 2A | |
| 1.24 | | b3 | 1270 mm | |
| | Fork carriage width | | | |
| 1.25 | Distance between support arms | b4 | 1267 mm | |
| 1.26 | Distance between wheel arms/loading surfaces | b4 | 1519 mm | |
| 1.28 | Max. outreach | | 1310 mm | |
| 1.32 | Ground clearance at centre of wheelbase | m2 | 290 mm | |
| 1.33 | Aisle Width for pallets 1000 x 1200 crossways | Ast | 3840 mm | |
| 1.34 | Aisle width for 800 x 1200 pallet lengthways | Ast | 3840 mm | |
| 1.35 | Turning radius | Wa | 3215 mm | |
| | Performances | | | |
| 5.1 | Travel speed (laden / unladen) | | 11.80 km/h - 11.50 km/h | |
| 5.2 | Lifting speed (laden / unladen) | | 0.25 m/s / 0.27 m/s | |
| 5.5 | Nominal pulling force (laden) | | 1540 | |
| 5.3 | Lowering speed (laden / unladen) | | 0.29 m/s / 0.32 m/s | |
| 5.10 | Service brake | | Hydraulic brakes by loss of pressure | |
| 5.9 | Acceleration time (laden / unladen) | | 4 s / 3.50 s | |
| | Engine | | | |
| 7.1 | Engine brand / norm | | Yanmar - Stage V | |
| 7.2 | Engine power according to ISO 1585 | | 31 kW | |
| 7.3 | Rated speed | | 2800 rpm | |
| 7.3 7.4 | Number of cylinders / Capacity of cylinders | | 3 - 1568 cm³ | |
| | | | | |
| 7.5 | Fuel consumption according to VDI cycle | | 5.20 l/h | |
| 0.1 | Miscellaneous | | | |
| 8.1 | Type of drive control | | Mechanical | |
| 8.2 | Working hydraulic pressure for attachments | | 270 bar | |
| 8.3 | Oil flow rate for attachments | | 44 I/min | |

TMT 27S Y ST5 - Dimensional drawing

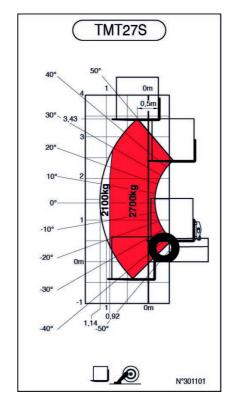


TMT 27S Y ST5 - Load chart

Machine on tyres with forks Metric



Machine on stabilisers with forks Metric







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