Technical sheet :

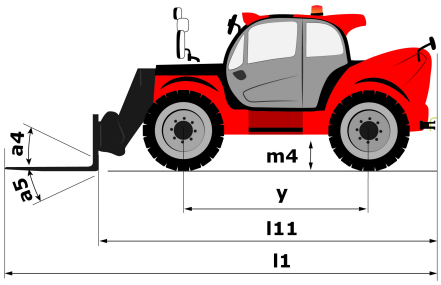
# MT 1440 ST5

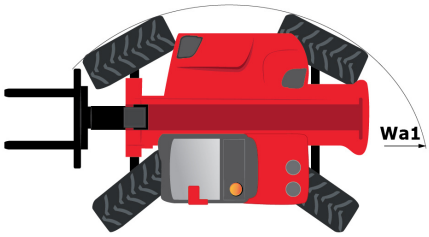


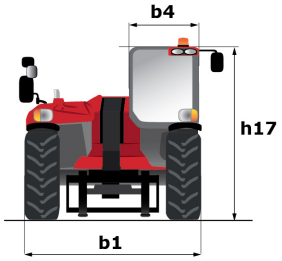

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| Capacities | | Metric |
|---|---|---|
| Max. capacity | Q | 4000 kg |
| Max. lifting height | h3 | 13.53 m |
| Max. Reach | l4 | 9.46 m |
| Breakout force with bucket | | 7895 daN |
| **Weight and dimensions** | | |
| Overall length to carriage | l11 | 6.13 m |
| Overall width | b1 | 2.42 m |
| Overall height | h17 | 2.45 m |
| Wheelbase | y | 3.07 m |
| Ground clearance | m4 | 0.37 m |
| Overall cab width | b4 | 0.89 m |
| Tilt-up angle | a4 | 12 ° |
| Tilt-down angle | a5 | 114 ° |
| External turning radius (over tyres) | Wa1 | 3.97 m |
| Unladen weight (with forks) | | 10940 kg |
| Tyres type | | Pneumatic |
| Standard tyres | | Alliance 400/80 - 24 - 162A8 |
| Forks length / width / section | l / e / s | 1200 mm x 125 mm / 50 mm |
| **Performances** | | |
| Lifting | | 16 s |
| Lowering | | 12.4 s |
| Extension | | 17.3 s |
| Retraction | | 13 s |
| Crowd | | 4.3 s |
| Dump | | 4 s |
| **Engine** | | |
| Engine brand | | Deutz |
| Engine norm | | Stage V |
| Engine model | | TCD 3.6L |
| Number of cylinders / Capacity of cylinders | | 4 - 3621 cm³ |
| I.C. Engine power rating - Power (kW) | | 100 Hp / 75 kW |
| Max. torque / Engine rotation | | 410 Nm @ 1600 rpm |
| Drawbar pull (Laden) | | 9930 daN |
| **Transmission** | | |
| Transmission type | | Torque Converter |
| Number of gears (forward / reverse) | | 4 / 4 |
| Max. travel speed | | 24.9 km/h |
| Parking brake | | Automatic parking brake |
| Service brake | | Oil-immersed multi-discs braking on front & rear axles |
| **Hydraulics** | | |
| Hydraulic pump type | | Gear pump |
| Hydraulic flow / Pressure | | 167 l/min / 270 Bar |
| **Tank capacities** | | |
| Engine oil | | 10 l |
| Hydraulic oil | | 135 l |
| Fuel tank | | 140 l |
| DEF tank capacity | | 22.60 l |
| **Noise and vibration** | | |
| Noise at driving position (LpA) | | 79 dB(A) |
| Noise to environment (LwA) | | 106 dB(A) |
| Vibration on hands/arms | | < 2.5 m/s² |
| **Miscellaneous** | | |
| Steering wheels (front / rear) | | 2 / 2 |
| Drive wheels (front / rear) | | 2 / 2 |
| Safety cab homologation | | ROPS - FOPS cab (level 2) |
| Controls | | JSM |

# Dimensional drawing

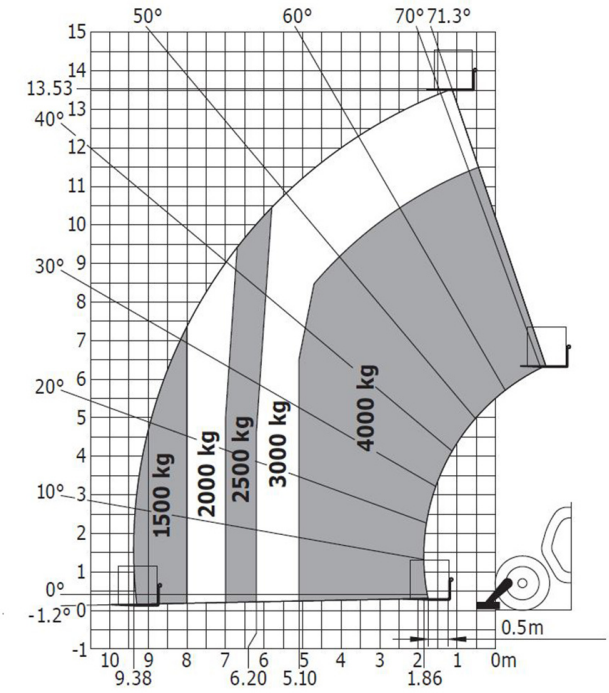


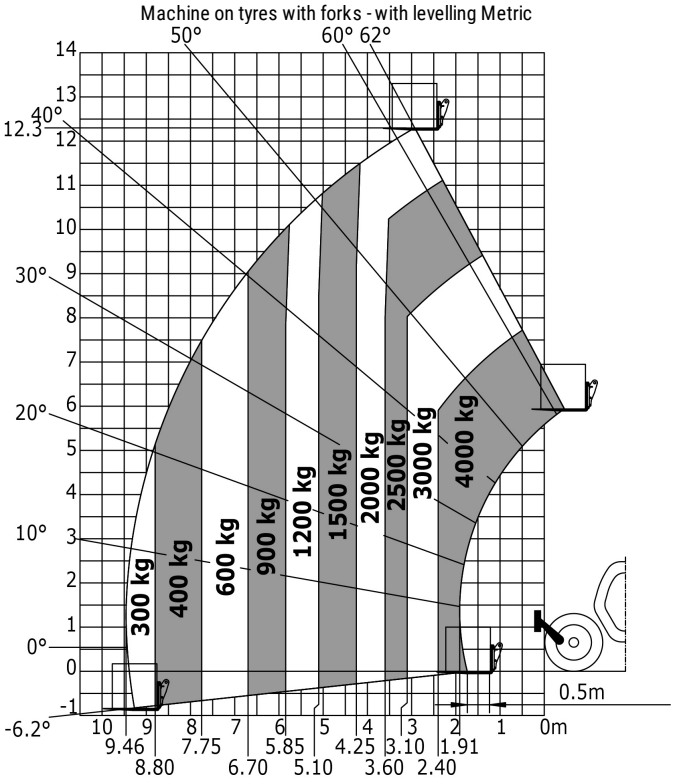




# Load chart

Machine on stabilizers with forks Metric




Machine on tyres with forks - with levelling Metric



Siège Social
430 rue de l'Aubinière - 44150 Ancenis Cedex - France
Tel: +33(0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97
www.manitou.com



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