Technical sheet :

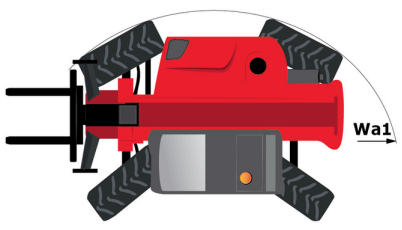
# MT 1440 ST5

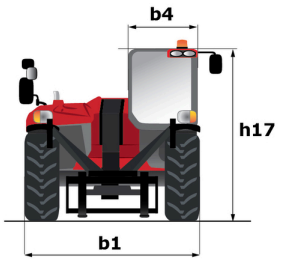


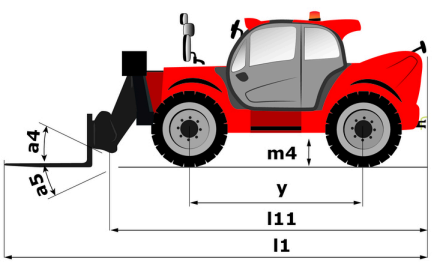

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| Capacities | | Metric |
|---|---|---|
| Max. capacity | Q | 4000 kg |
| Max. lifting height | | 13.53 m |
| Max. outreach | | 9.46 m |
| Breakout force with bucket | | 7895 daN |
| **Weight and dimensions** | | |
| Overall length to carriage | l11 | 6.02 m |
| Length to face of forks | l2 | 6.13 m |
| Overall width | b1 | 2.36 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 | 3.94 m |
| Unladen weight (with forks) | | 10940 kg |
| Overall weight | | 10940 kg |
| Tires type | | Inflatable |
| Standard tires | | Alliance 400/80 - 24 - 162A8 |
| Forks length / width / section | l / e / s | 1200 mm x 125 mm x 50 mm |
| **Performances** | | |
| Lifting | | 16 s |
| Lowering | | 12.40 s |
| Extension | | 17.30 s |
| Retraction | | 13 s |
| Crowd | | 4.30 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 |
| Engine power (Hp/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 | | 24.90 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 |
| Diesel Exhaust fluid (AdBlue® type) tank capacity | | 22.60 l |
| Fuel tank capacity | | 140 l |
| **Noise and vibration** | | |
| Noise at driving position (LpA) | | 79 dB |
| Noise to environment (LwA) | | 106 dB |
| Vibration on hands/arms | | < 2.50 m/s² |
| **Miscellaneous** | | |
| Steering wheels (front / rear) | | 2 / 2 |
| Drive wheels (front / rear) | | 2 / 2 |
| Cab certification | | Cabin ROPS - FOPS level 2 |
| Controls | | JSM |

## MT 1440 ST5 - Dimensional drawing

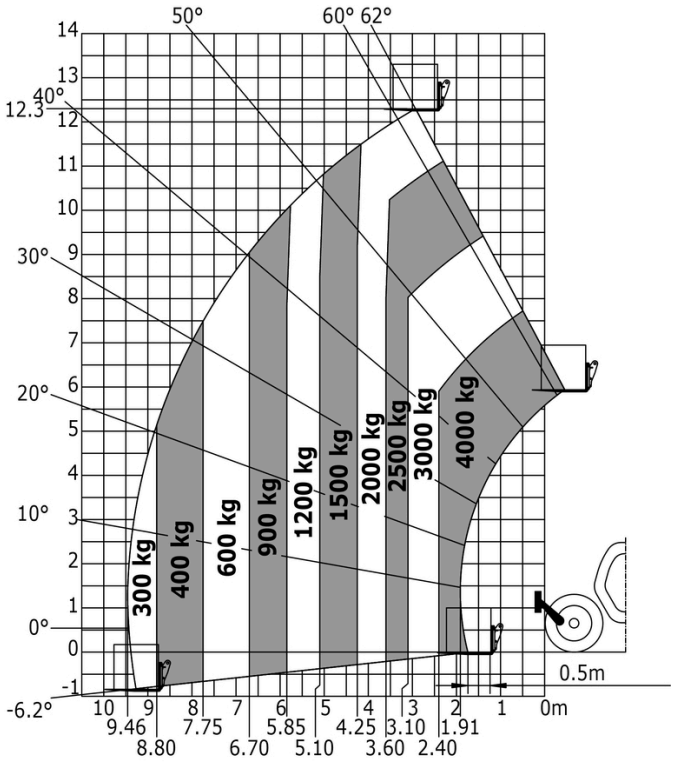


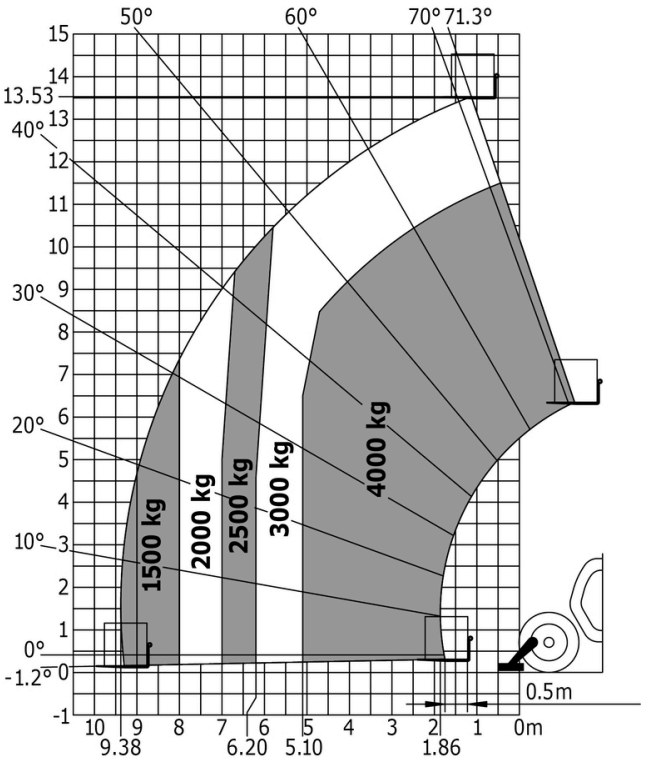



# MT 1440 ST5 - Load chart

## Machine on tires with forks - with levelling device Metric




## Machine on lowered stabilisers with forks Metric



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