

Technical sheet :

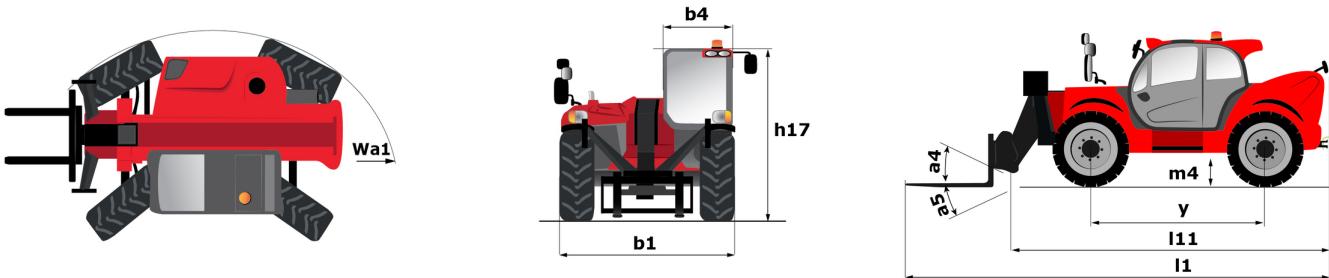
MT 1840 ST5



 **MANITOU**
HANDLING YOUR WORLD

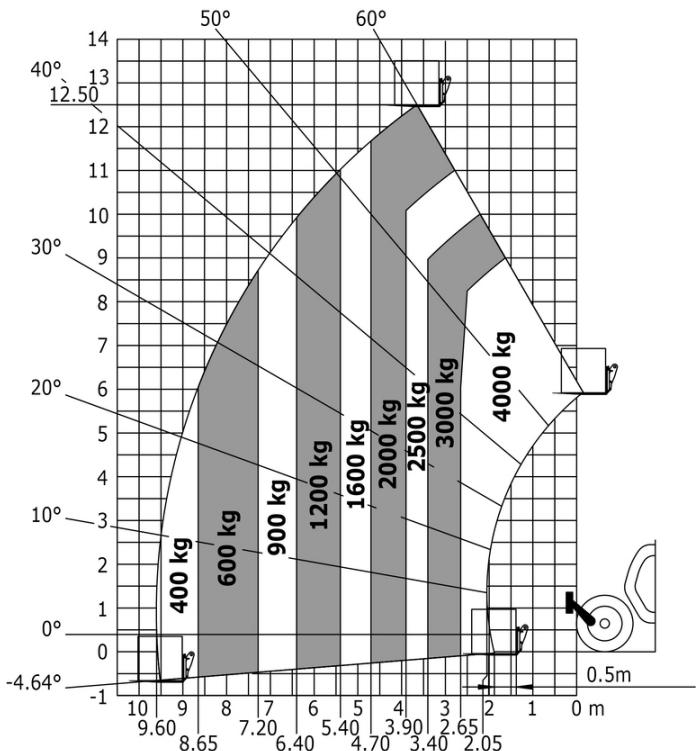
| Capacities | | Metric | |
|--|-----------|--|--|
| Max. capacity | | 4000 kg | |
| Max. lifting height | | 17.55 m | |
| Maximum outreach | | 13.08 m | |
| Breakout force with bucket | | 7766 daN | |
| Weight and dimensions | | | |
| Overall length to carriage | I11 | 6.15 m | |
| Length to face of forks | I2 | 6.27 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 | 16 ° | |
| Tilt-down angle | a5 | 110 ° | |
| External turning radius (over tyres) | Wa1 | 3.94 m | |
| Unladen weight (with forks) | | 11870 kg | |
| Overall weight | | 11870 kg | |
| Tires type | | Inflatable | |
| Standard tires | | Alliance 400/80 - 24 - 162A8 | |
| Forks length / width / section | I / e / s | 1200 mm x 125 mm x 45 mm | |
| Performances | | | |
| Lifting | | 16 s | |
| Lowering | | 12 s | |
| Extension | | 16 s | |
| Retraction | | 13 s | |
| Scoop | | 4 s | |
| Crowd | | 4 s | |
| Dump | | 4 s | |
| Engine | | | |
| Engine brand | | Deutz | |
| Engine norm | | Stage V | |
| Engine model | | TCD 3.6 | |
| 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) | | 7850 daN | |
| Transmission | | | |
| Transmission type | | Torque converter | |
| Number of gears (forward / reverse) | | 4 / 4 | |
| Travel speed (laden) | | 25 km/h | |
| Max. travel speed | | 24.90 km/h | |
| Max. travel speed (may vary according to applicable regulations) | | 24.90 km/h | |
| Parking brake | | Automatic parking brake | |
| Service brake | | Oil-immersed multi-discs 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) | | 22.60 l | |
| Fuel | | 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 1840 ST5 - Dimensional drawing

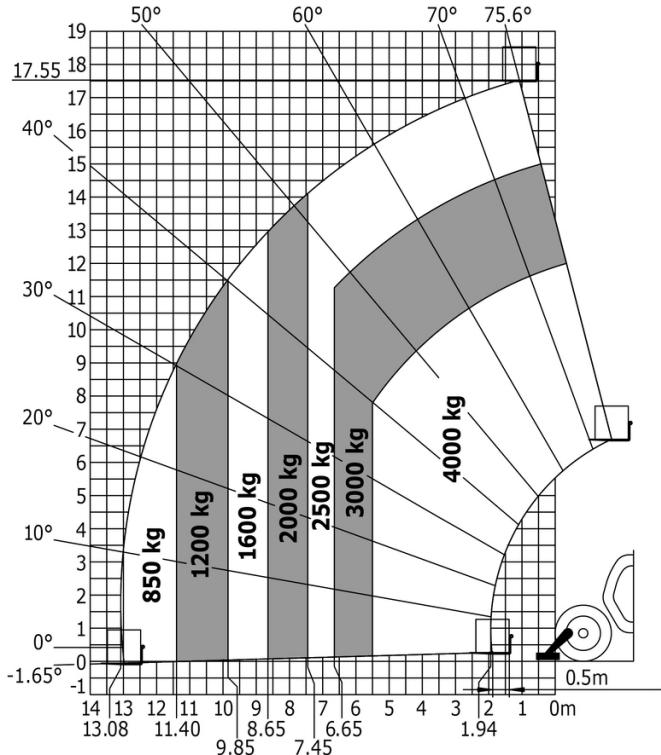


MT 1840 ST5 - Load chart

Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



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