Technical sheet :

MT 1840 ST5

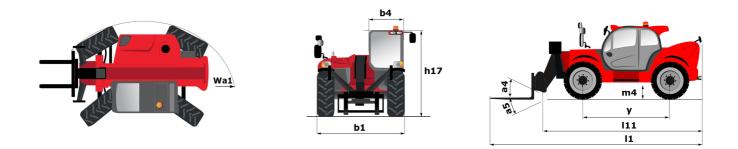




MT 1840 ST5 Created on November 10, 2023 at 2:05:50 PM UTC

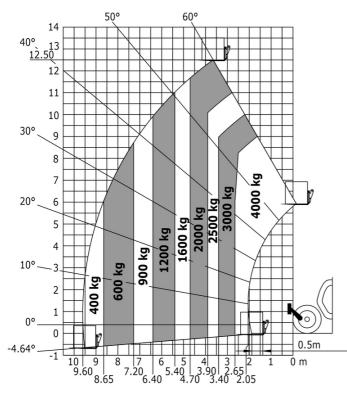
| Capacities | Metric |
|--|--|
| Max. capacity | 4000 kg |
| Max. lifting height | 17.55 m |
| Max. outreach | 13.08 m |
| Breakout force with bucket | 7766 daN |
| Veight and dimensions | |
| Iverall length to carriage | l11 6.15 m |
| ength to face of forks | 12 6.27 m |
|)verall width | b1 2.36 m |
| Dverall height | h17 2.45 m |
| Vheelbase | |
| Sround clearance | |
| | |
| Overall cab width | b4 0.89 m |
| ïlt-up angle | a4 16 ° |
| ïlt-down angle | a5 110 ° |
| xternal turning radius (over tyres) | Wa1 3.94 m |
| Inladen weight (with forks) | 11870 kg |
|)verall weight | 11870 kg |
| ïres type | Pneumatic |
| tandard tires | Alliance 400/80 - 24 - 162A8 |
| orks length / width / section | l / e / s 1200 mm x 125 mm / 45 mm |
| Performances | |
| ifting | 16 s |
| owering | 12 s |
| ixtension | 16 s |
| Retraction | 13 s |
| Scoop | 4 s |
| Crowd | 4 s |
| Jump | 4 s |
| Engine | |
| Engine brand | Deutz |
| Engine norm | Stage V |
| Engine model | TCD 3.6 |
| Number of cylinders / Capacity of cylinders | 4 - 3621 cm ³ |
| .C. Engine power rating - Power (kW) | 100 Hp / 75 kW |
| Max. torque / Engine rotation | 410 Nm @ 1600 rpm |
| Drawbar pull (Laden) | 7850 daN |
| Fransmission | |
| ransmission type | Torque converter |
| Number of gears (forward / reverse) | 4 / 4 |
| ravel speed (laden) | 25 km/h |
| Max. travel speed | 24.90 km/h |
| Parking brake | Automatic parking brake |
| Service brake | Oil-immersed multi-discs on front & rear axles |
| lydraulics | |
| łydraulic pump type | Gear pump |
| lydraulic flow / Pressure | 167 l/min-270 bar |
| Fank capacities | |
| ingine oil | 101 |
| łydraulic oil | 135 |
| full tank | 140 l |
| IEF tank capacity | 22.60 1 |
| loise and vibration | |
| loise at driving position (LpA) | 79 dB |
| loise to environment (LWA) | 106 dB |
| . , | 100 dB < 2.50 m/s ² |
| /ibration on hands/arms | < 2.00 III/\$* |
| Viscellaneous | |
| Steering wheels (front / rear) | 2/2 |
| Drive wheels (front / rear) Safety cab homologation | 2 / 2 Cabin ROPS - FOPS Level 2 |
| | Cabin POPS - FOPS avail 2 |

MT 1840 ST5 - Dimensional drawing

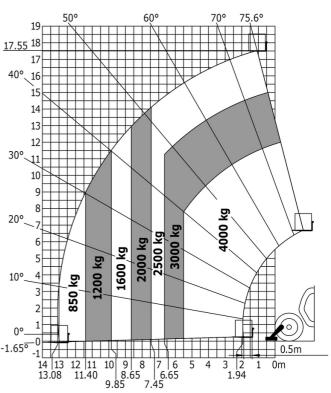


MT 1840 ST5 - Load chart

Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric





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