Technical sheet:

# **MT 1840**

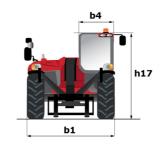


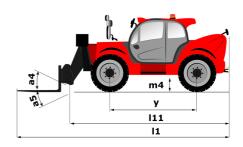


|  | <b>мт 1840</b> Created on April 23, 2024 at 1:52:13 РМ   |
|--|--|
| Capacities   | Metric   |
| Max. capacity  | 4000 kg  |
| Max. lifting height  | 17.55 m  |
| Max. outreach  | 13.08 m  |
| Breakout force with bucket   | 7766 daN   |
| Weight and dimensions  |  |
| Overall length to carriage   | l11 6.15 m   |
| Length to face of forks  | 12 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  |
|  |  |
| Filt-up angle  |  |
| Filt-down angle  | a5 114°  |
| External turning radius (over tyres)   | Wa1 3.94 m   |
| Jnladen weight (with forks)  | 11870 kg   |
| Overall weight   | 11800 kg   |
| Fires type   | Pneumatic  |
| Standard tires   | Alliance 400/80 - 24 - 162A8                             |
| Forks length / width / section   | I / e / s 1200 mm x 125 mm / 45 mm                       |
| Performances   |  |
| Lifting  | 16 s   |
| owering  | 12 s   |
| Extension  | 16 s   |
| Retraction   | 13 s   |
| Crowd  | 4 s  |
| Dump   | 4 s  |
| Engine Control of the |  |
| Engine brand   | Perkins  |
| Engine norm  | Stage IV / Tier 4 Final                                  |
| Engine model   | 854F-E34TA   |
| Number of cylinders / Capacity of cylinders  | 4 - 3400 cm <sup>3</sup>                                 |
| .C. Engine power rating - Power  | 100 Hp / 75 kW   |
| Max. torque / Engine rotation  | 430 Nm @ 1400 pm   |
| Drawbar pull (Laden)   | 6680 daN   |
| Transmission   | UUUU UAN   |
|  | Tarque converter   |
| Fransmission type  Number of gears (forward / reverse)   | Torque converter   |
| - , , ,  | 4 / 4  |
| Max. travel speed  | 24.90 km/h   |
| Parking brake  | Automatic parking brake                                  |
| Service brake  | Oil-immersed multi-discs braking on front & re-<br>axles |
| -lydraulics  | UATES  |
| Hydraulic pump type  | Gear pump  |
|  |  |
| Hydraulic flow / Pressure  | 167 l/min-270 bar  |
| Fank capacities  | 7.501  |
| ingine oil   | 7.50   |
| lydraulic oil  | 135  |
| uel tank   | 140  |
| EF tank capacity   | 21.60  |
| loise and vibration  |  |
| loise at driving position (LpA)  | 78 dB  |
| loise to environment (LwA)   | 103 dB   |
| libration on hands/arms  | < 2.50 m/s <sup>2</sup>                                  |
| Miscellaneous  |  |
| Steering wheels (front / rear)   | 2 / 2  |
| Prive wheels (front / rear)  | 2/2  |
| Safety / Safety cab homologation   | Standard EN 15000 / ROPS - FOPS level 2 cab              |
| Controls   | JSM  |

## MT 1840 - Dimensional drawing

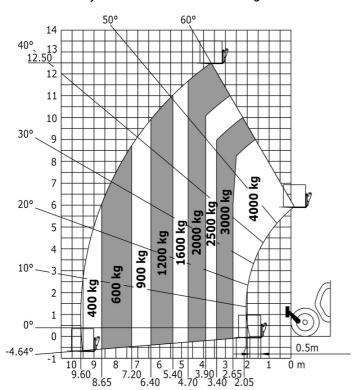




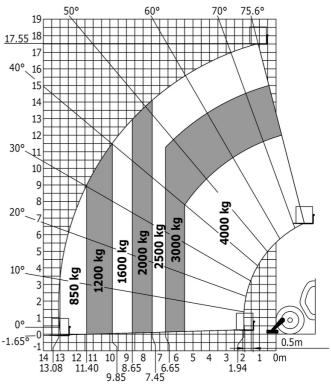


### MT 1840 - Load chart

Machine on tyres with forks - with levelling device Metric



### Machine on lowered stabilisers with forks Metric







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