

Technical sheet :

# **MT 1840 EASY ST5**

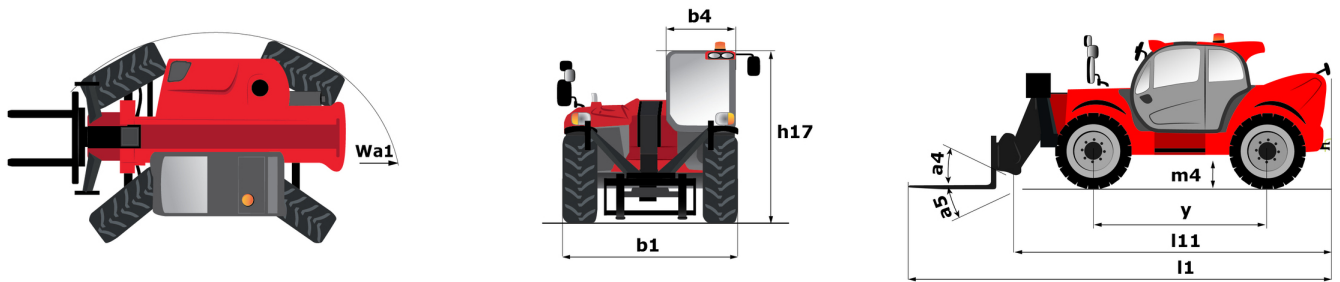
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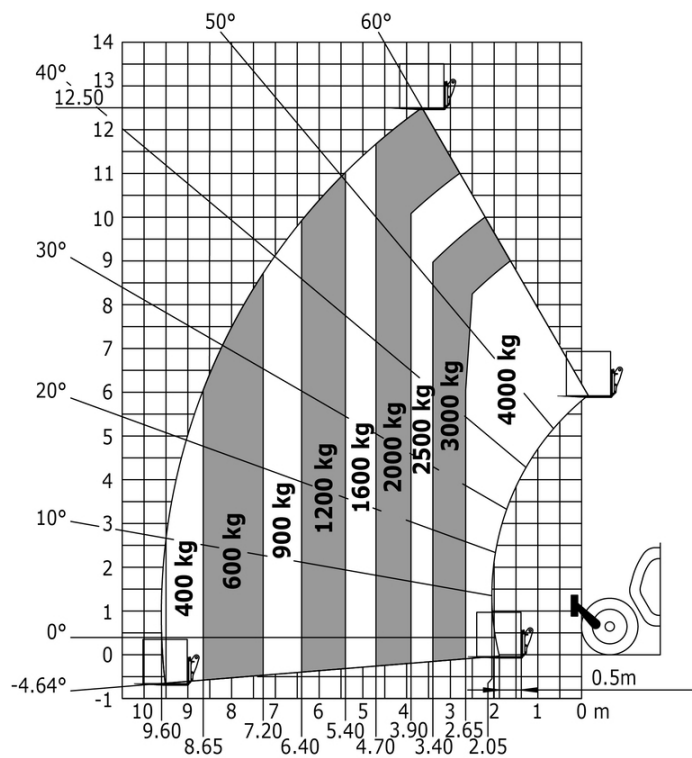
| Capacities                                                       |           | Metric                                                 |
|------------------------------------------------------------------|-----------|--------------------------------------------------------|
| Max. capacity                                                    | Q         | 4000 kg                                                |
| Max. lifting height                                              |           | 17.55 m                                                |
| Max. outreach                                                    |           | 13.08 m                                                |
| Breakout force with bucket                                       |           | 7400 daN                                               |
| Weight and dimensions                                            |           |                                                        |
| Overall length to carriage                                       | l11       | 6.15 m                                                 |
| Length to face of forks                                          | l2        | 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)                                      |           | 11710 kg                                               |
| Overall weight                                                   |           | 11710 kg                                               |
| Tires type                                                       |           | Inflatable                                             |
| Standard tires                                                   |           | Alliance 400/80 - 24 - 162A8                           |
| Forks length / width / section                                   | l / e / s | 1200 mm x 125 mm x 45 mm                               |
| Performances                                                     |           |                                                        |
| Lifting                                                          |           | 17.50 s                                                |
| Lowering                                                         |           | 13.10 s                                                |
| Extension                                                        |           | 16.50 s                                                |
| Retraction                                                       |           | 16.60 s                                                |
| Crowd                                                            |           | 4.80 s                                                 |
| Dump                                                             |           | 4.20 s                                                 |
| Engine                                                           |           |                                                        |
| Engine brand                                                     |           | Deutz                                                  |
| Engine norm                                                      |           | Stage V, Tier 4 final                                  |
| Engine model                                                     |           | TD 3.6 L                                               |
| Number of cylinders / Capacity of cylinders                      |           | 4 - 3621 cm³                                           |
| Engine power (Hp/kW)                                             |           | 75 Hp / 55.40 kW                                       |
| Max. torque / Engine rotation                                    |           | 340 Nm @ 1600 rpm                                      |
| Drawbar pull (Laden)                                             |           | 8320 daN                                               |
| Transmission                                                     |           |                                                        |
| Transmission type                                                |           | Torque converter                                       |
| Number of gears (forward / reverse)                              |           | 4 / 4                                                  |
| Max. travel speed                                                |           | 24.90 km/h                                             |
| Max. travel speed (may vary according to applicable regulations) |           | 25 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                                        |           | 106 l/min-270 bar                                      |
| Tank capacities                                                  |           |                                                        |
| Engine oil                                                       |           | 7.50 l                                                 |
| Hydraulic oil                                                    |           | 135 l                                                  |
| Hydraulic tank capacity                                          |           | 10 l                                                   |
| Fuel tank capacity                                               |           | 140 l                                                  |
| Noise and vibration                                              |           |                                                        |
| Noise at driving position (LpA)                                  |           | 79 dB                                                  |
| Noise to environment (LwA)                                       |           | 102 dB                                                 |
| Vibration on hands/arms                                          |           | < 2.50 m/s²                                            |
| Miscellaneous                                                    |           |                                                        |
| Steering wheels (front / rear)                                   |           | 2 / 2                                                  |
| Drive wheels (front / rear)                                      |           | 2 / 2                                                  |
| Safety / Cab certification                                       |           | Standard EN 15000 / Cabin ROPS - FOPS level 2          |
| Controls                                                         |           | JSM                                                    |

## MT 1840 easy ST5 - Dimensional drawing

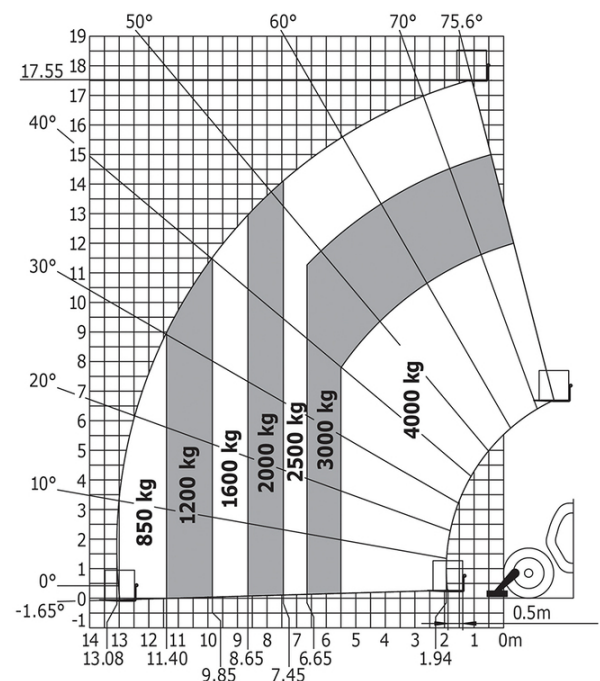


## MT 1840 easy ST5 - Load chart

Machine on tires with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric





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