Technical sheet:

# **MHT 10160 ST5**

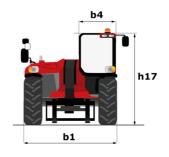


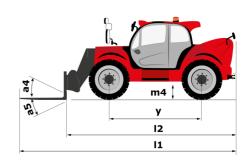


|   | MHT 10160 ST5 Created on August 12, 2025 at 3:5/ PM |
|---|---|
| Capacities                                  | Metric  |
| Max. capacity                               | 16000 kg  |
| Load center of gravity                      | c 600 mm  |
| Max. lifting height                         | 9.60 m  |
| Maximum outreach                            | 5.20 m  |
| Weight and dimensions                       |   |
| Overall length                              | l1 7.35 m   |
| Unladen weight (with forks)                 | 20710 kg  |
| Ground clearance                            | m4 0.43 m   |
| Wheelbase                                   | y 3.37 m  |
| Length to face of forks                     | 12 6.15 m   |
| Overall width                               | b1 2.48 m   |
| Overall height                              | h17 2.99 m  |
| Overall cab width                           | b4 0.95 m   |
| Tilt-up angle                               | a4 12°  |
| Tilt-down angle                             | a5 104°   |
|   | Wa1 5.20 m  |
| External turning radius (over tyres)        |   |
| Forks length / width / section              | I / e / s 1200 mm x 180 mm x 75 mm                  |
| Frame leveling corrector                    | a9 9°   |
| Wheels                                      |   |
| Standard tires                              | 17,5-R25  |
| Number of front wheels / rear wheels        | 2/2   |
| Drive wheels (front / rear)                 | 2/2   |
| Steering mode                               | 2 wheel steer, 4 wheel steer, Crab mode             |
| Engine                                      |   |
| Engine brand                                | Yanmar  |
| Engine norm                                 | Stage V, Tier 4                                     |
| Engine model                                | 4TN107FTT-6SMU1                                     |
| Number of cylinders / Capacity of cylinders | 4 - 4567 cm <sup>3</sup>                            |
| I.C. Engine power rating / Power            | 173 Hp / 127 kW                                     |
| Max. torque / Engine rotation               | 805 Nm@1500 rpm                                     |
| Engine cooling system                       | Water   |
| Number of batteries                         | 2   |
| Battery voltage                             | 12 V  |
| Drawbar pull                                | 11770 daN   |
| Transmission                                |   |
| Transmission type                           | Hydrostatic   |
| Number of gears (forward / reverse)         | 2/2   |
| Max. travel speed                           | 30 km/h   |
| Parking brake                               | Automatic negative parking brake                    |
| Service brake                               | Oil-immersed multi-discs braking on front & r       |
| One de al-lite (la dese ( conte dese)       | axles   |
| Gradeability (laden / unladen)              | 32.40 % / 55.40 %                                   |
| Hydraulics                                  |   |
| Hydraulic pump type                         | Variable displacement pump                          |
| Hydraulic flow - Pressure                   | 172 l/min - 350 bar                                 |
| Tank capacities                             |   |
| Engine oil                                  | 13  |
| Fuel tank                                   | 315 I   |
| Diesel Exhaust fluid (AdBlue® type)         | 24 I  |
| Noise and vibration                         |   |
| Noise to environment (LwA)                  | 108 dB  |
| Vibration on hands/arms                     | < 2.50 m/s <sup>2</sup>                             |
| Miscellaneous                               |   |
| Cab certification                           | Cabin ROPS - FOPS level 2                           |
| Controls                                    | JSM   |
| Attachment recognition system (E-Reco)      | Standard  |
|   |   |

## MHT 10160 ST5 - Dimensional drawing

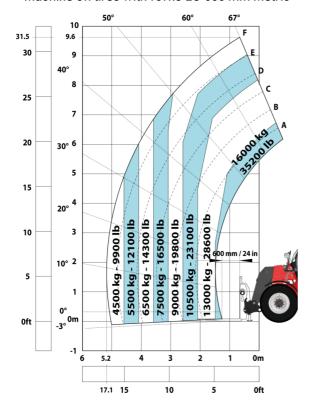




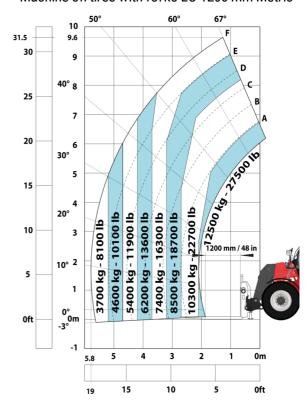


#### MHT 10160 ST5 - Load chart

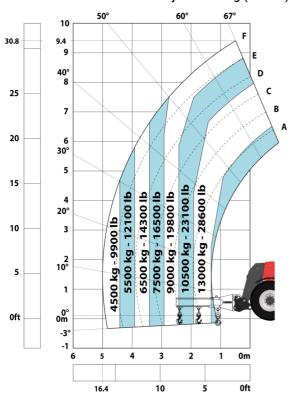
#### Machine on tires with forks LC 600 mm Metric



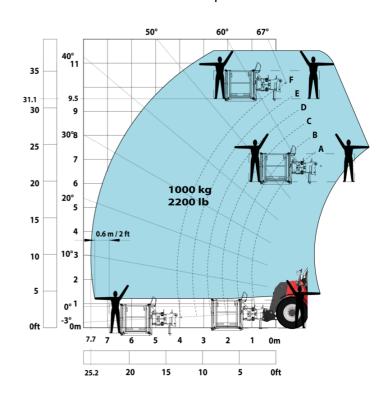
#### Machine on tires with forks LC 1200 mm Metric

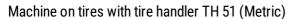


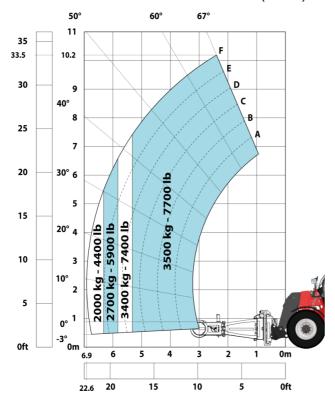
Machine on tires with 3-hook jib 16000 kg (Metric)



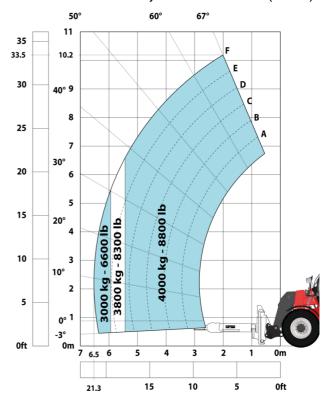
Machine on tires with platform Metric







### Machine on tires with cylinder handler CH 4 (Metric)







#### **Head Office**

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