Technical sheet:

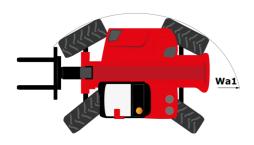
# **MHT 10160 ST5**

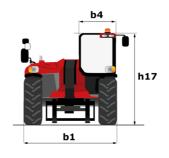


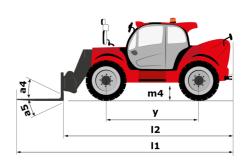


| Capacities                                  | Imperial                                    |                |
|---|---|----------------|
| Max. capacity                               | 35274 lb                                    |                |
| Load center of gravity                      | c 24 in                                     |                |
| Max. lifting height                         | 31 ft 6 in                                  |                |
| Maximum outreach                            | 17 ft 1 in                                  |                |
| Weight and dimensions                       | 17111111                                    |                |
| Overall length                              | l1 24 ft 1 in                               |                |
| Unladen weight (with forks)                 | 45658 lb                                    |                |
| Ground clearance                            | m4 1 ft 5 in                                |                |
| Wheelbase                                   |   |                |
| Length to face of forks                     | y 11 ft 1 in<br>12 20 ft 2 in               |                |
| Overall width                               | b1 8 ft 2 in                                |                |
|   |   |                |
| Overall height                              |   |                |
| Overall cab width                           | b4 3 ft1 in                                 |                |
| Tilt-up angle                               | a4 12°                                      |                |
| Tilt-down angle                             | a5 104°                                     |                |
| External turning radius (over tyres)        | Wa1 17 ft 1 in                              |                |
| Forks length / width / section              | 1 / e / s 47 in x 7 in x 3 in               |                |
| 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, C             | ab mode        |
| Engine                                      |   |                |
| Engine brand                                | Yanmar                                      |                |
| Engine norm                                 | Stage V, Tier 4                             |                |
| Engine model                                | 4TN107FTT-6SMU1                             |                |
| Number of cylinders / Capacity of cylinders | 4 - 279 in³                                 |                |
| Engine power (Hp / kW)                      | 173 Hp / 127 kW                             |                |
| Max. torque / Engine rotation               | 594 ft/lbs@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                           | 19 mph                                      |                |
| Parking brake                               | Automatic negative parking                  | brake          |
| Service brake                               | Oil-immersed multi-discs braking o<br>axles | n front & rear |
| Gradeability (laden / unladen)              | 32.40 % / 55.40 %                           |                |
| Hydraulics                                  | Wadakia William ak                          | mn             |
| Hydraulic pump type                         | Variable displacement pu                    |                |
| Hydraulic flow - Pressure                   | 45 US gpm - 5076 PSI                        |                |
| Tank capacities                             |   |                |
| Engine oil                                  | 3 US gal                                    |                |
| Hydraulic oil                               | 77 US gal                                   |                |
| Fuel  | 83 US gal                                   |                |
| Diesel Exhaust fluid (AdBlue® type)         | 6 US gal                                    |                |
| Noise and vibration                         |   |                |
| Noise to environment (LwA)                  | 108 dB                                      |                |
| Vibration on hands/arms                     | < 8 ft/s²                                   |                |
| Miscellaneous                               |   |                |
| Cab certification                           | Cabin ROPS - FOPS level                     | 2              |
| Controls                                    | JSM   |                |
| Attachment recognition system (E-Reco)      | Standard                                    |                |
|   |   |                |

## MHT 10160 ST5 - Dimensional drawing

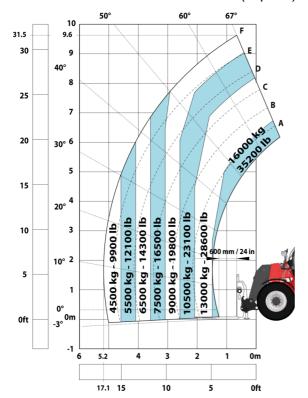




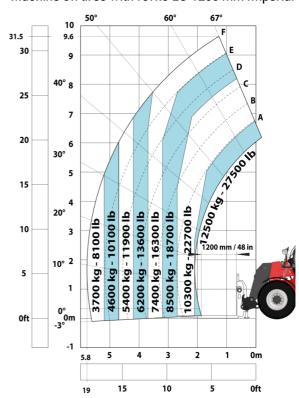


#### MHT 10160 ST5 - Load chart

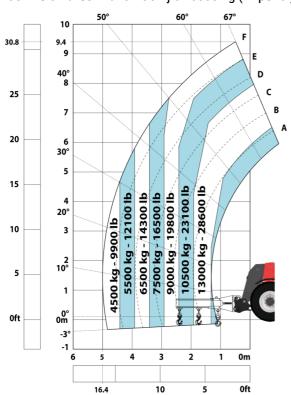
#### Machine on tires with forks LC 600 mm (Imperial)



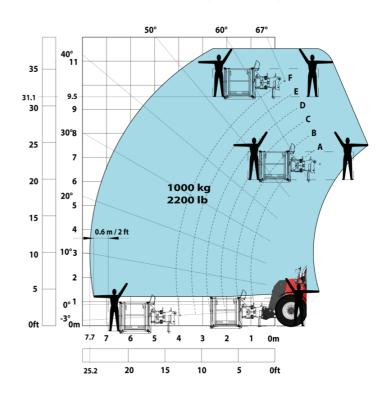
#### Machine on tires with forks LC 1200 mm Imperial

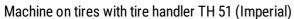


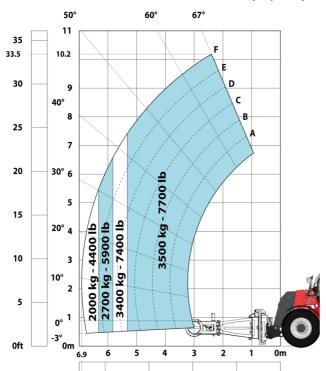
Machine on tires with 3-hook jib 16000 kg (Imperial)



Machine on tires with platform Imperial







15

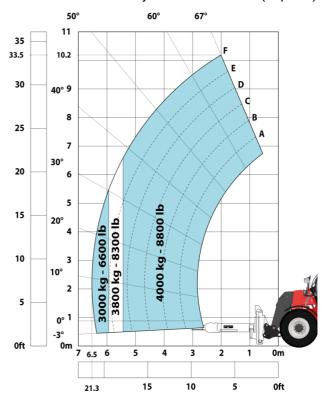
10

5

0ft

22.6 20

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







#### **Head Office**

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