Technical sheet:

# **MHT 10135 ST5**

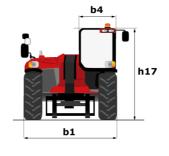


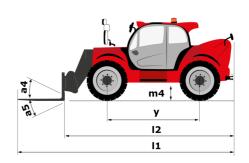


| Capacities   |       | Metric  |
|--|-------|---|
| Max. capacity  |       | 13500 kg  |
| Load center of gravity   | С     | 600 mm  |
| Max. lifting height  |       | 9.60 m  |
| Maximum outreach   |       | 5.20 m  |
| Weight and dimensions  |       |   |
| Overall length   | l1    | 7.35 m  |
| Unladen weight (with forks)  |       | 19950 kg  |
| Ground clearance   | m4    | 0.43 m  |
| Wheelbase  | у     | 3.37 m  |
| Length to face of forks  | 12    | 6.15 m  |
| Overall width  | b1    | 2.54 m  |
| Overall height   | h17   | 2.99 m  |
| Overall cab width  | b4    | 0.95 m  |
| Tilt-up angle  | a4    | 12 °  |
| Tilt-down angle  | a5    | 104 °   |
| External turning radius (over tyres)   | Wa1   | 5.35 m  |
| 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 Control of the |       | ·   |
| Engine brand   |       | Yanmar  |
| Engine norm  |       | Stage V, Tier 4                                 |
| Engine model   |       | 4TN107FTT-6SMU1                                 |
| Number of cylinders / Capacity of cylinders  |       | 4 - 4567 cm³                                    |
| 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  |       | 35 km/h   |
| Parking brake  |       | Automatic negative parking brake                |
| ·  |       | Oil-immersed multi-discs braking on front & rea |
| Service brake  |       | 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 l  |
| Fuel tank  |       | 315   |
| Diesel Exhaust fluid (AdBlue® type)  |       | 24  |
| Noise and vibration  |       |   |
| Noise at driving position (LpA) tested following NF EN 12053 norm  |       | 75 dB   |
| Miscellaneous  |       |   |
| Cab certification  |       | Cabin ROPS - FOPS level 2                       |
| Controls   |       | JSM   |

## MHT 10135 ST5 - Dimensional drawing

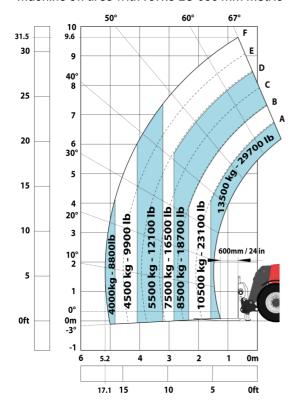




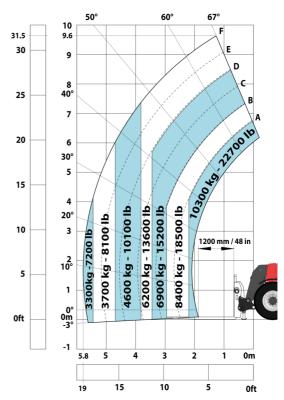


#### MHT 10135 ST5 - Load chart

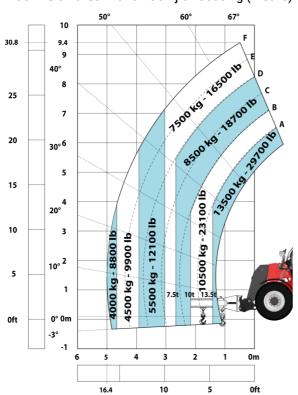
#### Machine on tires with forks LC 600 mm Metric



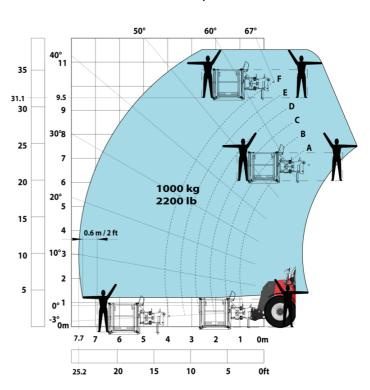
#### Machine on tires with forks LC 1200 mm Metric



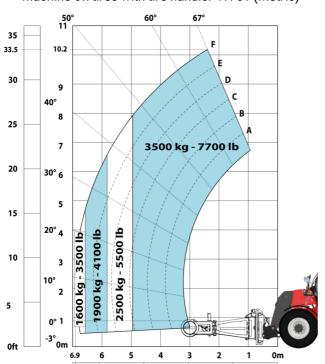
#### Machine on tires with 3-hook jib 13500 kg (Metric)



Machine on tires with platform Metric



Machine on tires with tire handler TH 51 (Metric)



15

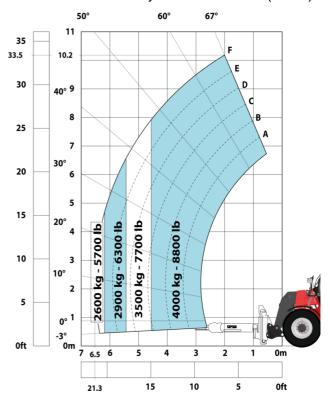
10

5

0ft

22.6 20

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







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