Technical sheet:

# **MHT 790 ST5**

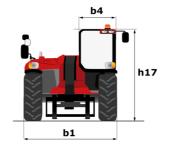


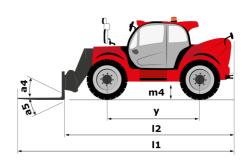


|  | MHT 790 STS Created on December 15, 2025 at 8:1 |      |
|--|---|------|
| Capacities   | Metric  |      |
| Max. capacity  | 9000 kg   |      |
| _oad center of gravity   | c 600 mm  |      |
| Max. lifting height  | 6.80 m  |      |
| Maximum outreach   | 3.70 m  |      |
| Veight and dimensions  |   |      |
| Overall length   | I1 6.41 m                                       |      |
| Inladen weight (with forks)  | 13420 kg  |      |
| Fround clearance   | m4 0.44 m                                       |      |
| /heelbase  | y 2.87 m  |      |
| ength to face of forks   | I2 5.21 m                                       |      |
| Overall width  | b1 2.47 m                                       |      |
| verall height  | h17 2.54 m                                      |      |
| Overall cab width  | b4 0.93 m                                       |      |
| ilt-up angle   | a4 15°  |      |
| ilt-down angle   | a5 109°   |      |
| external turning radius (over tyres)   | Wa1 4.72 m                                      |      |
| orks length / width / section  | I / e / s 1200 mm x 200 mm x 60 mm              |      |
| Wheels The Control of |   |      |
| Standard tires   | 445/65 R22,5                                    |      |
| lumber of front wheels / rear wheels   | 2/2   |      |
| Orive wheels (front / rear)  | 2/2   |      |
| Steering mode  | 2 wheel steer, 4 wheel steer, Crab              | mode |
| ingine .   |   |      |
| ingine brand   | Yanmar  |      |
| ingine norm  | Stage V, Tier 4                                 |      |
| ingine model   | 4TN107FHT-5SMUF                                 |      |
| Number of cylinders / Capacity of cylinders  | 4 - 4567 cm <sup>3</sup>                        |      |
| Engine power (Hp / kW)   | 143 Hp / 105 kW                                 |      |
| Max. torque / Engine rotation  | 602 Nm@1500 rpm                                 |      |
| Engine cooling system  | Water cooled                                    |      |
| Drawbar pull   | 10050 daN                                       |      |
| Fransmission Control of the Control  |   |      |
| Fransmission type  | Hydrostatic                                     |      |
| Number of gears (forward / reverse)  | 2/2   |      |
| Max. travel speed  | 35 km/h   |      |
| rarking brake  | Automatic negative parking bral                 | ke   |
|  | Oil-immersed multi-discs braking on fr          |      |
| Service brake  | axles   |      |
| Gradeability (laden / unladen)   | 48.10 % / 37.40 %                               |      |
| <del>lydraulics</del>  |   |      |
| lydraulic pump type  | Variable displacement pump                      |      |
| Hydraulic flow - Pressure  | 185 l/min - 270 bar                             |      |
| Fank capacities  |   |      |
| Engine oil   | 13  |      |
| łydraulic oil  | 151 I   |      |
| uel  | 165 I   |      |
| Diesel Exhaust fluid (AdBlue® type)  | 20  |      |
| loise and vibration  |   |      |
| Noise to environment (LwA)   | 107 dB  |      |
| fibration on hands/arms  | 2.50 m/s²                                       |      |
| Noise at driving position (LpA) tested following NF EN 12053 norm  | 75 dB   |      |
| Miscellaneous  |   |      |
| Cab certification  | Cabin ROPS - FOPS level 2                       |      |
| Controls   | JSM   |      |

## MHT 790 ST5 - Dimensional drawing

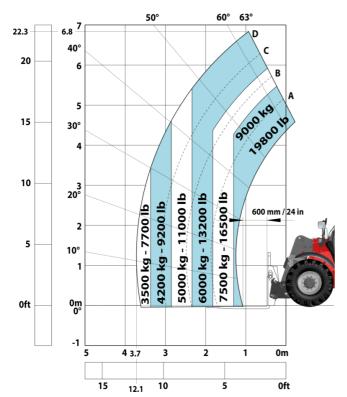




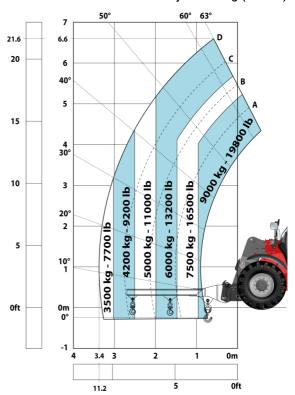


#### MHT 790 ST5 - Load chart

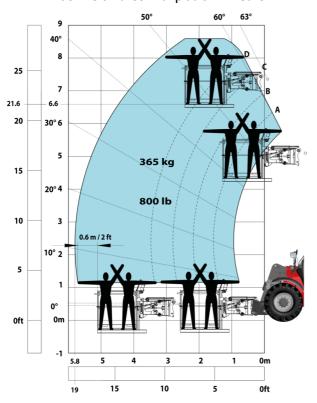
#### Machine on tires with forks LC 600 mm Metric



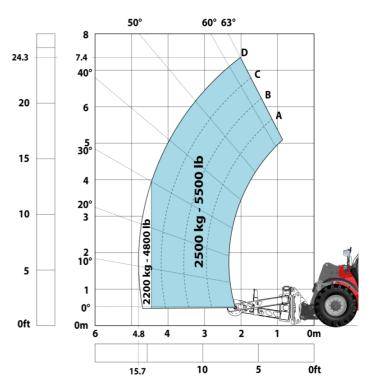
### Machine on tires with 3-hook jib 9000 kg (Metric)



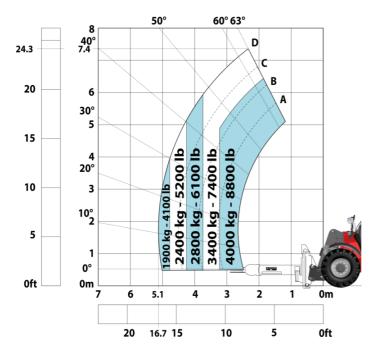
Machine on tires with platform Metric



#### Machine on tires with tire handler TH 49 (Metric)



Machine on tires with cylinder handler CH 4 (Metric)







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