Technical sheet :

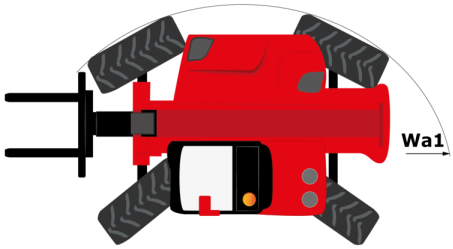
# MHT 11250 MINING ST5

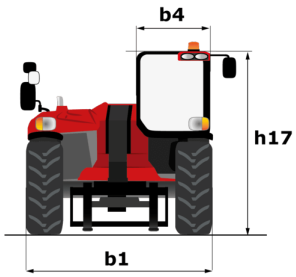


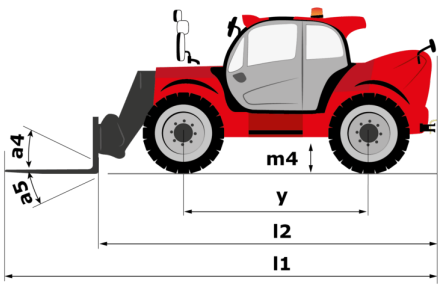
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| Capacities | | Metric |
|---|---|---|
| Max. capacity | | 24999 kg |
| Load centre of gravity | c | 900 mm |
| Max. lifting height | | 10.60 m |
| Max. outreach | | 6 m |
| **Weight and dimensions** | | |
| Overall length | l1 | 8.92 m |
| Unladen weight (with forks) | | 31610 kg |
| Ground clearance | m4 | 0.47 m |
| Wheelbase | y | 4.10 m |
| Length to face of forks | l2 | 7.12 m |
| Overall width | b1 | 2.84 m |
| Overall height | h17 | 3.03 m |
| Overall cab width | b4 | 0.95 m |
| Tilt-down angle | a5 | 105 ° |
| Tilt-up angle | a4 | 12 ° |
| External turning radius (over tyres) | Wa1 | 5.50 m |
| Forks length / width / section | l / e / s | 1800 mm x 220 mm / 100 mm |
| Frame levelling corrector | a9 | 10 ° |
| **Wheels** | | |
| Standard tyres | | 18.00 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 | | 4TN107TT-6SMU2 |
| Number of cylinders / Capacity of cylinders | | 4 - 4567 cm³ |
| I.C. Engine power rating / Power (kW) | | 211 Hp / 155 kW |
| Max. torque / Engine rotation | | 805 Nm@1500 rpm |
| Engine cooling system | | Water |
| Number of batteries | | 2 |
| Battery / Battery capacity | | 12 V / 120 Ah |
| **Transmission** | | |
| Transmission type | | Hydrostatic |
| Number of gears (forward / reverse) | | 2 / 2 |
| Max. travel speed | | 25 km/h |
| Parking brake | | Automatic negative parking brake |
| Service brake | | Oil-immersed multi-discs braking on front & rear axles |
| Gradeability (laden / unladen) | | 57.70 % / 31.50 % |
| **Hydraulics** | | |
| Hydraulic pump type | | Variable displacement pump |
| Hydraulic flow - Pressure | | 275 l/min - 350 bar |
| **Tank capacities** | | |
| Engine oil | | 13 l |
| Hydraulic oil | | 290 l |
| Fuel tank | | 315 l |
| **Miscellaneous** | | |
| Safety cab homologation | | Cabin ROPS - FOPS Level 2 |
| Controls | | JSM |

## MHT 11250 Mining ST5 - Dimensional drawing

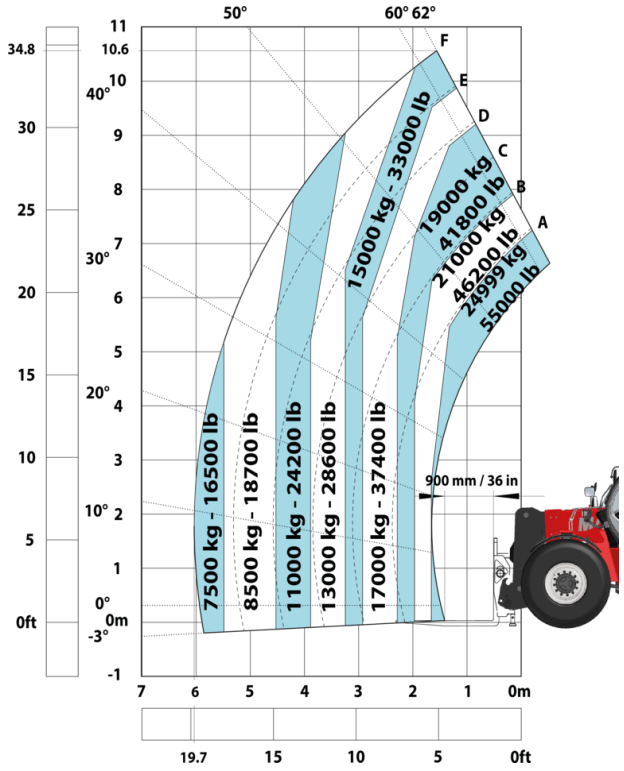


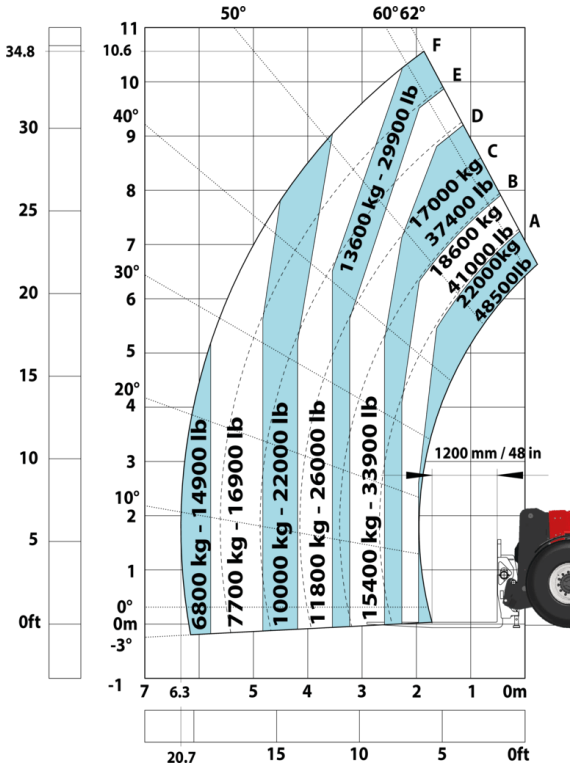



# MHT 11250 Mining ST5 - Load chart

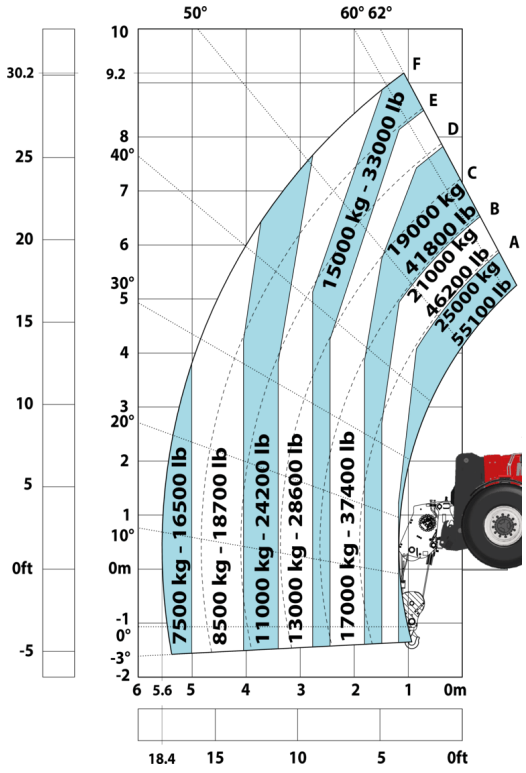
## Machine on tyres with forks LC 900 mm Metric



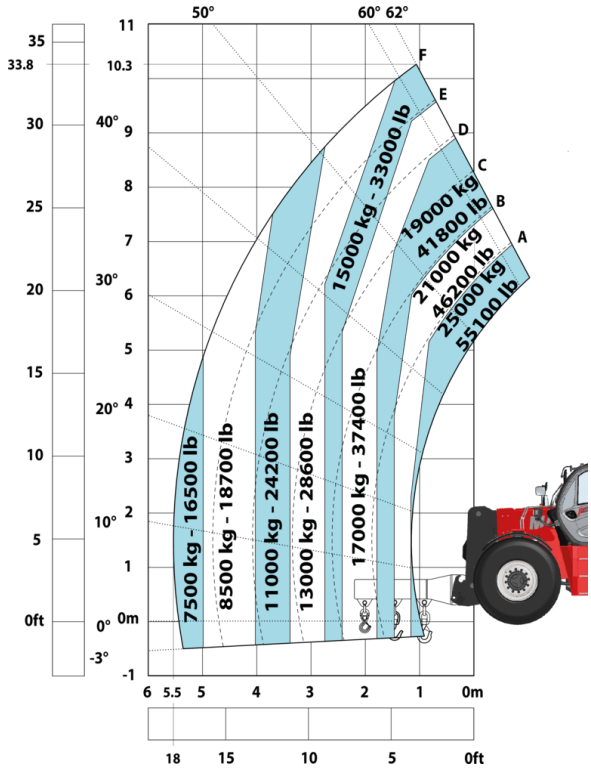

## Machine on tyres with forks LC 1200 mm Metric



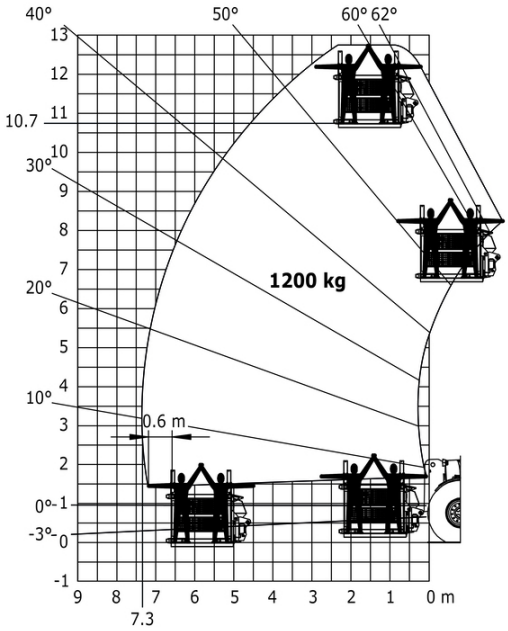

## Machine on tyres with winch 25000 kg (Metric)



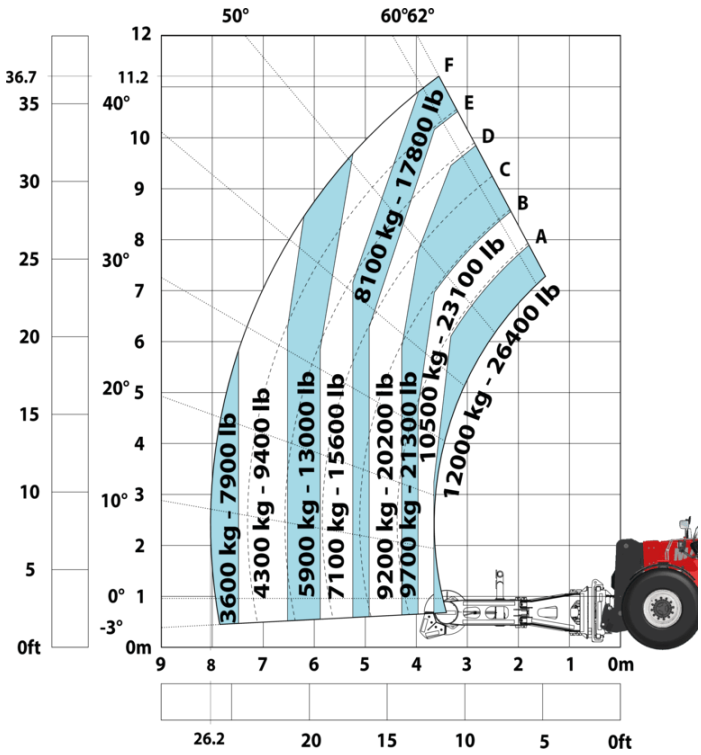

## Machine on tyres with 3-hook jib 25000 kg (Metric)



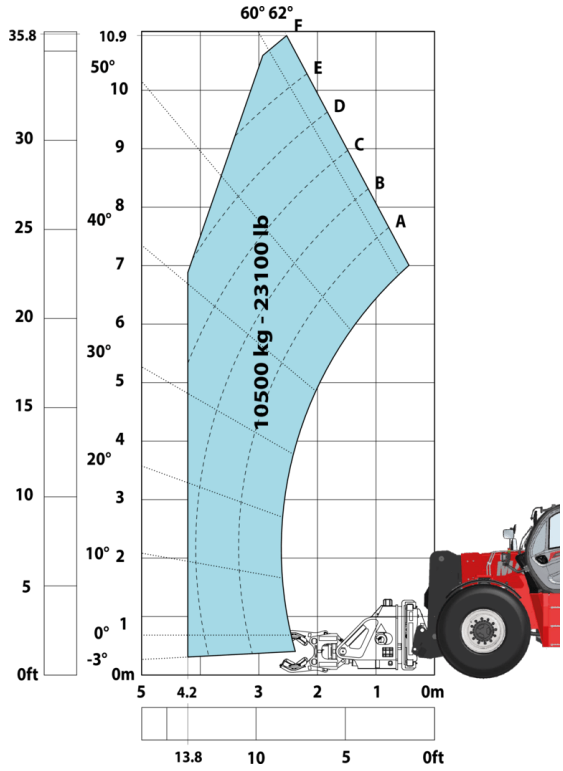
## Machine on tyres with underground mining platform (Metric)




## Machine on tyres with tyre handler TH 63 (Metric)




## Machine on tyres with cylinder handler CH 10 (Metric)



# Mining Specifications

| | MHT 11250 Mining ST5 |
|---|---|
| **Lifting function** | |
| Camera in boom head with screen in cab | O |
| Clamp predisposition (controls from cabin) | S |
| Working platform predisposition with remote control | S |
| **Lighting** | |
| Brake Lights ON When Park Brake ON | S |
| Flat Led Rotating Beacon | S |
| LED Flashing Lights On Cabin (Marker Lights) | S |
| LED tramming lights | S |
| LED work lights on the boom (x2) | S |
| LED working lights on cab (x4 : 2 front + 2 rear) | S |
| **Motorization/Power** | |
| Hydraulic hose sleeve burst protection | S |
| Radiator safety cap | S |
| **Operator station** | |
| Cabin first step at 400 mm | S |
| Roof and Windshield Guard | S |
| **Other options** | |
| Battery + Starter Isolators + Jump Start Receptacle | S |
| Stainless steel tool box | S |
| **Secondary functions** | |
| Automatic Greasing System (AGS) - chassis + boom | O |
| **Security** | |
| "Guardian Angel" System Level 1 | S |
| 360° visibility safety system | S |
| Boom cylinder lock | S |
| Electromagnetic braking system TELMA | O |
| Emergency steering | S |
| Emergency stop: 1 in cab, 2 on external | S |
| Extinguisher brackets (x3) | S |
| Fire suppression system | O |
| Fuse board protection - MHT's | S |
| High visibility reflective strips | S |
| Loose wheel nut indicators | S |
| Marking - Warning & Danger decals | S |
| Mining protection grids: right, left and back windows | O |
| Negative brakes on front & rear axles | S |
| Steel Protection Guards on all working and road lights | S |
| System with attachments recognition (E-reco) | S |
| Wheel chocks | S |

# Equipment

| Standard |
| --- |
| "Guardian Angel" System Level 1 |
| 360° visibility safety system |
| Battery + Starter Isolators + Jump Start Receptacle |
| Boom cylinder lock |
| Brake Lights ON When Park Brake ON |
| Cabin first step at 400 mm |
| Clamp predisposition (controls from cabin) |
| Emergency steering |
| Emergency stop: 1 in cab, 2 on external |
| Extinguisher brackets (x3) |
| Flat Led Rotating Beacon |
| Fuse board protection - MHT's |
| High visibility reflective strips |
| Hydraulic hose sleeve burst protection |
| LED Flashing Lights On Cabin (Marker Lights) |
| LED tramming lights |
| LED work lights on the boom (x2) |
| LED working lights on cab (x4 : 2 front + 2 rear) |
| Loose wheel nut indicators |
| Marking - Warning & Danger decals |
| Negative brakes on front & rear axles |
| Radiator safety cap |
| Roof and Windshield Guard |
| Stainless steel tool box |
| Steel Protection Guards on all working and road lights |
| System with attachments recognition (E-reco) |
| Wheel chocks |
| Working platform predisposition with remote control |

| Optional |
| --- |
| Automatic Greasing System (AGS) - chassis + boom |
| Camera in boom head with screen in cab |
| Electromagnetic braking system TELMA |
| Fire suppression system |
| Mining protection grids: right, left and back windows |

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