

Technical sheet :

MHT 11250 MINING ST5



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|---|-----------|--|
| Max. capacity | | 24999 kg |
| Load center 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 leveling corrector | a9 | 10 ° |
| Wheels | | |
| Standard tires | | 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 | | 4TN107TF6SMU2 |
| Number of cylinders / Capacity of cylinders | | 4 - 4567 cm³ |
| I.C. Engine power rating / Power | | 211 Hp / 155 kW |
| Max. torque / Engine rotation | | 805 Nm@1500 rpm |
| Engine cooling system | | Water |
| Number of batteries | | 2 |
| Battery voltage | | 12 V |
| 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 | | ROPS - FOPS level 2 cab |
| Controls | | JSM |

MHT 11250 Mining ST5 - Dimensional drawing



MHT 11250 Mining ST5 - Load chart

Machine on tyres with forks LC 900 mm Metric



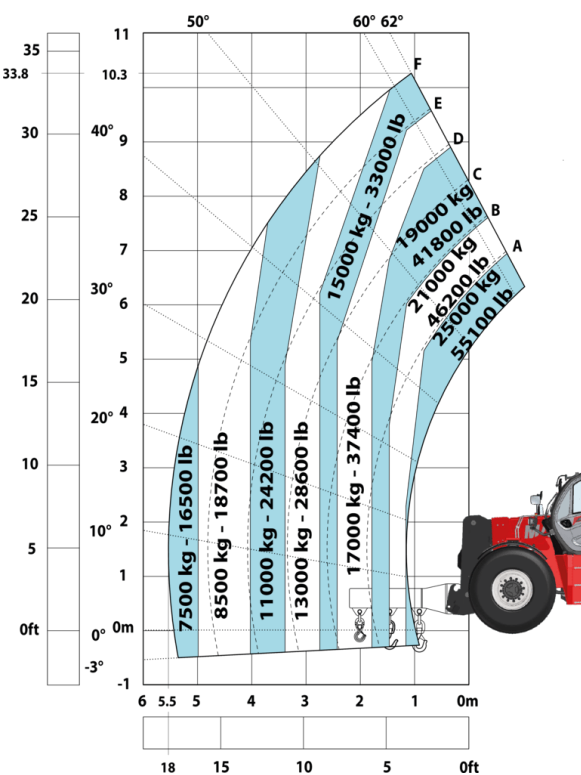
Machine on tyres with forks LC 1200 mm Metric



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 | 0 |
| 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 | 0 |
| Security | |
| "Guardian Angel" System Level 1 | S |
| 360° visibility safety system | S |
| Boom cylinder lock | S |
| Electromagnetic braking system TELMA | 0 |
| Emergency steering | S |
| Emergency stop: 1 in cab, 2 on external | S |
| Extinguisher brackets (x3) | S |
| Fire suppression system | 0 |
| 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 | 0 |
| 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) |
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| LED Flashing Lights On Cabin (Marker Lights) |
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| 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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