

Technical sheet :

# **MHT-X 11250 MINING**

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 **MANITOU**  
HANDLING YOUR WORLD

| Capacities                                  |           | Metric   |
|---|-----------|--|
| Max. capacity                               | Q         | 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-up angle                               | a4        | 12 °   |
| Tilt-down angle                             | a5        | 105 °  |
| External turning radius (over tyres)        | Wa1       | 5.50 m   |
| Forks length / width / section              | l / e / s | 1800 mm x 220 mm x 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 nom                                  |           | Stage IIIA   |
| Engine model                                |           | 4TN107TF-6SMU2   |
| Number of cylinders / Capacity of cylinders |           | 4 - 4567 cm³   |
| Engine power (Hp / kW)                      |           | 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 capacity                          |           | 315 l  |
| Miscellaneous                               |           |  |
| Cab certification                           |           | Cabin ROPS - FOPS level 2                              |
| Controls                                    |           | JSM  |

## MHT-X 11250 Mining - Dimensional drawing

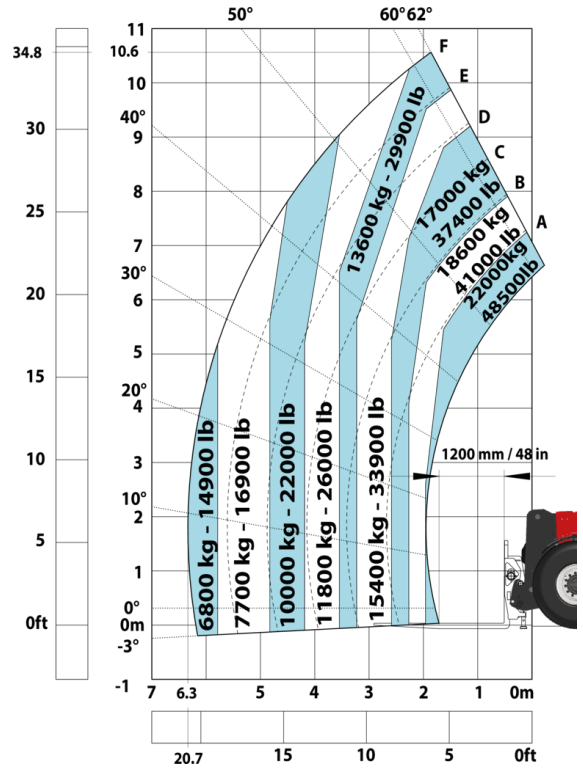


# MHT-X 11250 Mining - Load chart

Machine on tires with forks LC 900 mm Metric



Machine on tires with forks LC 1200 mm Metric



Machine on tires with winch 25000 kg (Metric)



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



Machine on tires with underground mining platform (Metric)



Machine on tires with tire handler TH 63 (Metric)



Machine on tires with cylinder handler CH 10 (Metric)



# Mining Specifications

|  | MHTX 11250 Mining |
|--|-------------------|
| <b>Lifting function</b>                                      |                   |
| Camera in boom head with screen in cab                       | S                 |
| Clamp predisposition (controls from cabin)                   | S                 |
| Work platform pre-fitting and remote control                 | S                 |
| <b>Lighting</b>  |                   |
| Brake Lights ON When Park Brake ON                           | S                 |
| Flat Led Rotating Beacon                                     | S                 |
| LED Flashing Lights On Cabin (Marker Lights)                 | S                 |
| LED directional lights                                       | S                 |
| LED work lights - On boom head (Telescopic part)             | S                 |
| LED working lights on cab (x4 : 2 front + 2 rear)            | S                 |
| <b>Motorization/Power</b>                                    |                   |
| Exhaust fume purification system                             | S                 |
| Hydraulic hose sleeve burst protection                       | S                 |
| Metal cyclonic prefilter                                     | S                 |
| Radiator safety cap  | S                 |
| <b>Operator station</b>                                      |                   |
| Cabin first step at 400 mm                                   | S                 |
| Roof and Windshield Guard                                    | S                 |
| <b>Other options</b>   |                   |
| Lockable battery + starter Isolators + Jump Start Receptacle | S                 |
| <b>Pneumatics</b>  |                   |
| Steel mudguards  | 0                 |
| <b>Secondary functions</b>                                   |                   |
| Automatic greasing system (AGS) - Chassis + boom             | 0                 |
| Fast diesel filling system                                   | 0                 |
| <b>Security</b>  |                   |
| "Guardian Angel" System                                      | S                 |
| 360° visibility safety system                                | S                 |
| Air intake shut-off valve                                    | 0                 |
| Attachment recognition system - E-reco                       | S                 |
| Boom cylinder lock   | S                 |
| Electromagnetic braking system TELMA                         | 0                 |
| Emergency steering   | S                 |
| Emergency stop: 1 in cab, 2 on external                      | S                 |
| Engine compartment fire prevention kit                       | 0                 |
| Extinguisher brackets (x3)                                   | S                 |
| Fire suppression system                                      | 0                 |
| High visibility reflective strips                            | S                 |
| Loose wheel nut indicators                                   | S                 |
| Marking - Warning & Danger decals                            | S                 |
| Mining protection grids: right, left and back windows        | 0                 |
| Rear and lateral camera with cab screen                      | S                 |
| Rear bumper  | 0                 |
| Resettable fuses - MHT's                                     | S                 |
| Right side bumper  | 0                 |
| SAHR negative brakes on front & rear axles                   | S                 |
| Steel Protection Guards on all working and road lights       | S                 |
| Wheel chocks   | S                 |

# Equipment

## Standard

"Guardian Angel" System  
360° visibility safety system  
Attachment recognition system - E-reco  
Boom cylinder lock  
Brake Lights ON When Park Brake ON  
Cabin first step at 400 mm  
Camera in boom head with screen in cab  
Clamp predisposition (controls from cabin)  
Emergency steering  
Emergency stop: 1 in cab, 2 on external  
Exhaust fume purification system  
Extinguisher brackets (x3)  
Flat Led Rotating Beacon  
High visibility reflective strips  
Hydraulic hose sleeve burst protection  
LED Flashing Lights On Cabin (Marker Lights)  
LED directional lights  
LED work lights - On boom head (Telescopic part)  
LED working lights on cab (x4 : 2 front + 2 rear)  
Lockable battery + starter Isolators + Jump Start Receptacle  
Loose wheel nut indicators  
Marking - Warning & Danger decals  
Metal cyclonic prefilter  
Radiator safety cap  
Rear and lateral camera with cab screen  
Resettable fuses - MHT's  
Roof and Windshield Guard  
SAHR negative brakes on front & rear axles  
Steel Protection Guards on all working and road lights  
Wheel chocks  
Work platform pre-fitting and remote control

## Optional

Air intake shut-off valve  
Automatic greasing system (AGS) - Chassis + boom  
Electromagnetic braking system TELMA  
Engine compartment fire prevention kit  
Fast diesel filling system  
Fire suppression system  
Mining protection grids: right, left and back windows  
Rear bumper  
Right side bumper  
Steel mudguards



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