

Technical sheet :

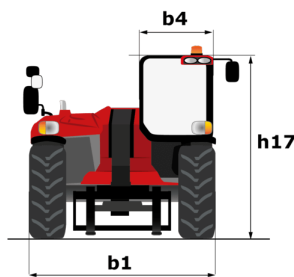
MHT 11250 MINING ST5



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|---|-----------|--|
| Max. capacity | Q | 24999 kg |
| Load center of gravity | c | 900 mm |
| Max. lifting height | | 10.60 m |
| Maximum 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 V, Tier 4 |
| 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 | | 315 l |
| Miscellaneous | | |
| Cab certification | | Cabin ROPS - FOPS level 2 |
| Controls | | JSM |

MHT 11250 Mining ST5 - Dimensional drawing

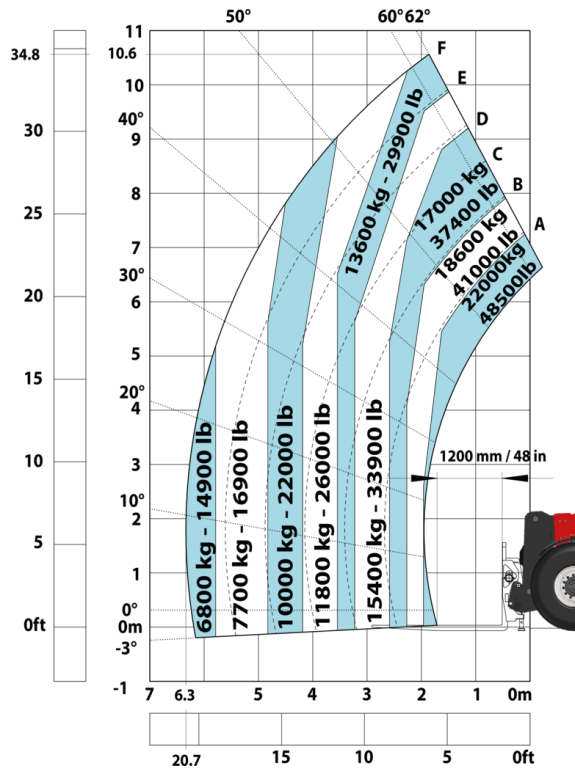


MHT 11250 Mining ST5 - Load chart

Machine on tires with forks LC 900 mm Metric



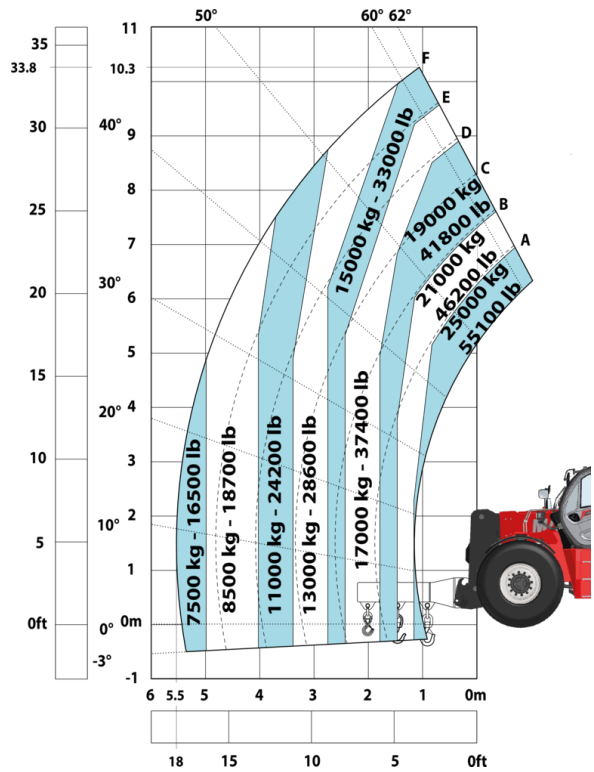
Machine on tires with forks LC 1200 mm Metric



Machine on tires with winch 25000 kg (Metric)



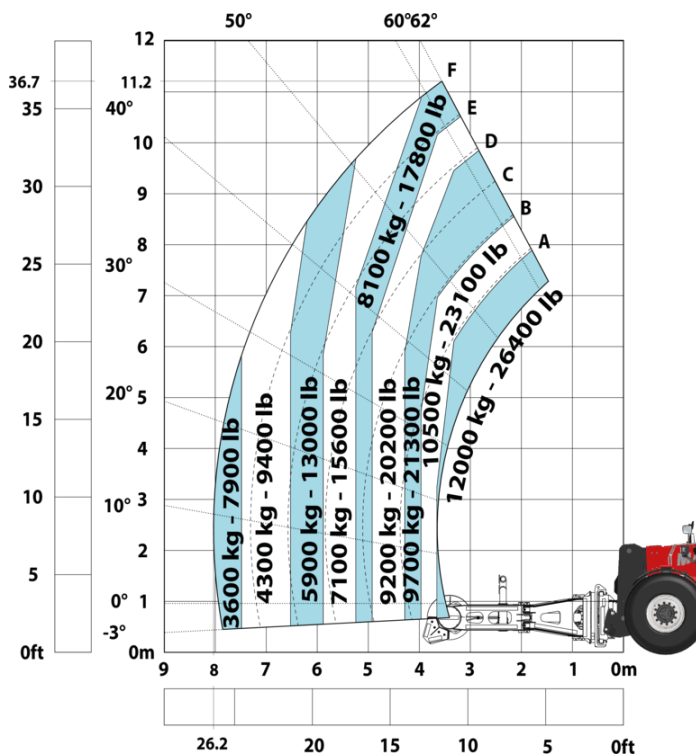
Machine on tires with 3-hook jib 25000 kg (Metric)



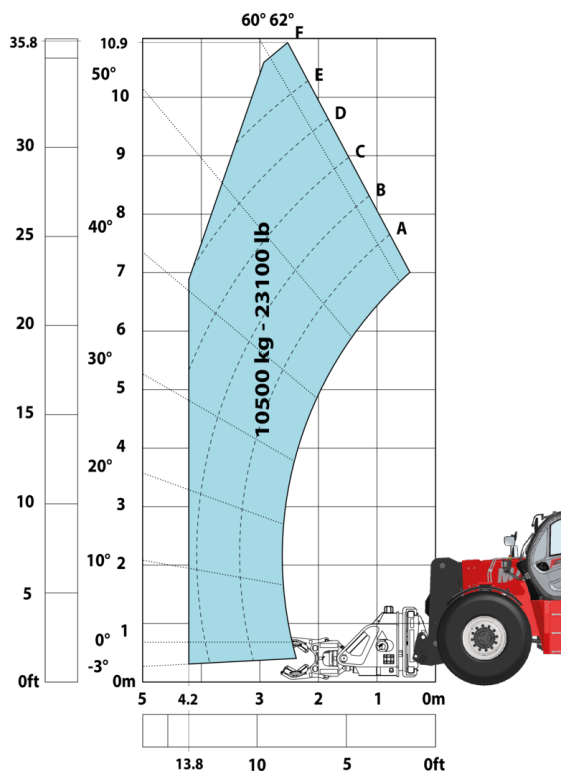
Machine on tires with underground mining platform (Metric)



Machine on tires with tire handler TH 63 (Metric)



Machine on tires with cylinder handler CH 10 (Metric)



Mining Specifications

| | MHT 11250 Mining ST5 |
|--|----------------------|
| Lifting function | |
| Camera in boom head with screen in cab | 0 |
| Clamp predisposition (controls from cabin) | S |
| Work platform pre-fitting and 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 directional lights | S |
| LED work lights - On boom head (Telescopic part) | S |
| LED working lights on cab (x4 : 2 front + 2 rear) | S |
| Motorization/Power | |
| Hydraulic hose sleeve burst protection | S |
| Metal cyclonic prefilter | S |
| Radiator safety cap | S |
| Operator station | |
| Cabin first step at 400 mm | S |
| Roof and Windshield Guard | S |
| Other options | |
| Lockable battery + starter Isolators + Jump Start Receptacle | S |
| Stainless steel tool box | S |
| Pneumatics | |
| Steel mudguards | 0 |
| Secondary functions | |
| Automatic greasing system (AGS) - Chassis + boom | 0 |
| Fast diesel filling system | 0 |
| Security | |
| "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 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
Clamp predisposition (controls from cabin)
Emergency steering
Emergency stop: 1 in cab, 2 on external
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
Resettable fuses - MHT's
Roof and Windshield Guard
SAHR negative brakes on front & rear axles
Stainless steel tool box
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
Camera in boom head with screen in cab
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



Head Office

B.P. 249 - 430 rue de l'Aubinière
44150 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes