

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
<b>Lifting function</b>	
Camera in boom head with screen in cab	0
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>	
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
Stainless steel tool box	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 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](http://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