

Technical sheet :

# **MHT 11250 MINING ST5**

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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
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





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
Working platform predisposition with 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  
Working platform predisposition with 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



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