Technical sheet:

MHT-X 11250 MINING

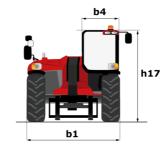


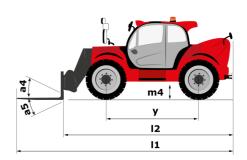


Capacities		Metric	
Max. capacity		24999 kg	
Load center of gravity	С	900 mm	
Max. lifting height		10.60 m	
Max. outreach		6 m	
Weight and dimensions			
Overall length	I1	8.92 m	
Unladen weight (with forks)		31610 kg	
Ground clearance	m4	0.47 m	
Wheelbase	у	4.10 m	
Length to face of forks		I2 7.12 m	
Overall width	b1		
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		nm x 220 mm / 100 mm	
Frame leveling corrector	a9	10°	
Wheels		10	
Standard tires		18.00 R25	
Number of front wheels / rear wheels		2 / 2	
Drive wheels (front / rear)		2/2	
Steering mode	2 whool ste	er, 4 wheel steer, Crab mode	
Engine	Z Wileel Ste	er, 4 wheer steer, Grab mode	
Engine brand		Yanmar	
Engine norm		Stage IIIA	
Engine model		4TN107TT-6SMU2	
Number of cylinders / Capacity of cylinders		4 - 4567 cm ³	
I.C. Engine power rating / Power	4 - 456 / Cm ³ 211 Hp / 155 kW		
Max. torque / Engine rotation		211 Hp / 155 kW 805 Nm@1500 грт	
Engine cooling system		8บ5 Nm@15บบ rpm Water	
Number of batteries		water 2	
		12 V	
Battery voltage		12 V	
Transmission		Hada statis	
Transmission type		Hydrostatic 2 / 2	
Number of gears (forward / reverse)			
Max. travel speed	A	25 km/h	
Parking brake		tic negative parking brake	
Service brake	OII-IMmersed n	nulti-discs braking on front & rea axles	
Gradeability (laden / unladen)		57.70 % / 31.50 %	
Hydraulics			
Hydraulic pump type	Varial	Variable displacement pump	
Hydraulic flow - Pressure		275 l/min - 350 bar	
Tank capacities			
Engine oil		13 I	
Hydraulic oil		290 1	
Fuel tank		315	
Miscellaneous		3131	
	DO	PS - FOPS level 2 cab	
Safety cab homologation Controls	RU	JSM	

MHT-X 11250 Mining - Dimensional drawing

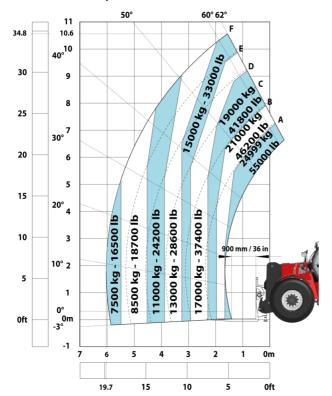




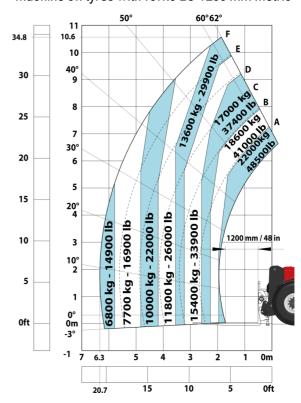


MHT-X 11250 Mining - Load chart

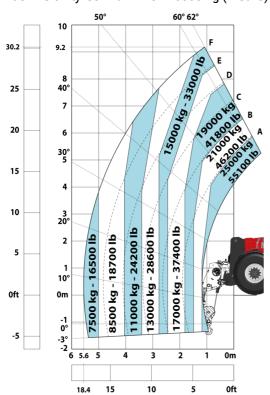
Machine on tyres with forks LC 900 mm Metric



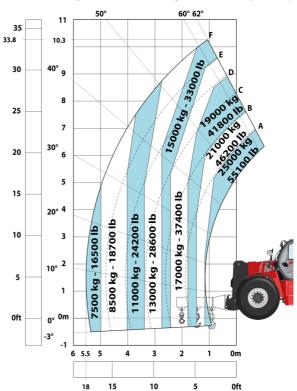
Machine on tyres with forks LC 1200 mm Metric



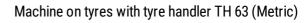
Machine on tyres with winch 25000 kg (Metric)

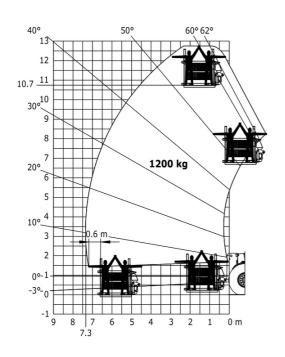


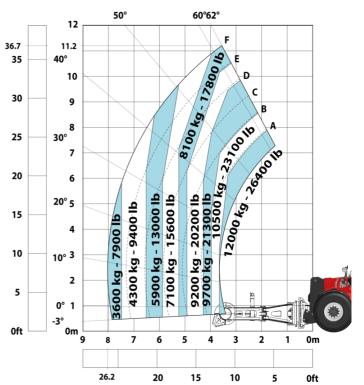
Machine on tyres with 3-hook jib 25000 kg (Metric)



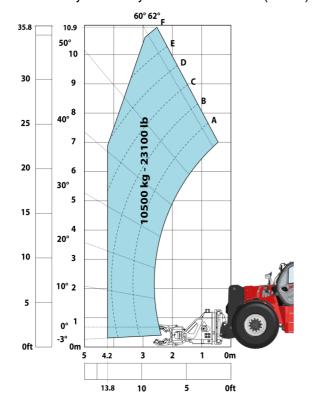
Machine on tyres with underground mining platform (Metric)







Machine on tyres with cylinder handler CH 10 (Metric)



Mining Specifications

Lifting function Clamp predisposition (controls from cabin) Working platform predisposition with remote control Lighting Brake Lights ON When Park Brake ON Flat Led Rotating Beacon LED Flashing Lights On Cabin (Marker Lights) LED tramming lights LED tramming lights LED work lights on the boom (x2) LED working lights on cab (x4:2 front + 2 rear) Motorization/Power Exhaust fume purification system Hydraulic hose sleeve burst protection Radiator safety cap Operator station Cabin first step at 400 mm Roof and Windshield Guard Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom Security "Guardian Angel" System Level 1 360° visibility safety system Soom cylinder lock Electromagnetic braking system TELMA Omeragency steering Emergency stop: 1 in cab, 2 on external Extinguisher brackets (x3) Fire suppression system		
Clamp predisposition (controls from cabin) Working platform predisposition with remote control Lighting Brake Lights ON When Park Brake ON Flat Led Rotating Beacon LED Flashing Lights On Cabin (Marker Lights) LED tramming lights S LED twork lights on the boom (x2) LED working lights on cab (x4:2 front + 2 rear) Motorization/Power Exhaust fume purification system Hydraulic hose sleeve burst protection S Radiator safety cap Operator station Cabin first step at 400 mm Sof and Windshield Guard Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System Level 1 \$60° visibility safety system S Boom cylinder lock Electromagnetic braking system TELMA Emergency steering Emergency stop: 1 in cab, 2 on external Extinguisher brackets (x3)	110	MHT-X 11250 Mining
Working platform predisposition with remote control Lighting Brake Lights ON When Park Brake ON Flat Led Rotating Beacon S LED Flashing Lights On Cabin (Marker Lights) LED tramming lights S LED twork lights on the boom (x2) S LED work lights on tab (x4: 2 front + 2 rear) Motorization/Power Exhaust fume purification system Hydraulic hose sleeve burst protection S Radiator safety cap Operator station Cabin first step at 400 mm S Roof and Windshield Guard Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom Security "Guardian Angel" System Level 1 360° visibility safety system S Boom cylinder lock Electromagnetic braking system TELMA O Emergency steering Emergency stop: 1 in cab, 2 on extemal Extinguisher brackets (x3)	<u> </u>	
Lighting Brake Lights ON When Park Brake ON Flat Led Rotating Beacon S LED Flashing Lights On Cabin (Marker Lights) LED tramming lights LED tramming lights S LED work lights on the boom (x2) S LED working lights on cab (x4:2 front + 2 rear) Motorization/Power Exhaust fume purification system S Hydraulic hose sleeve burst protection S Radiator safety cap Operator station Cabin first step at 400 mm S Roof and Windshield Guard Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom Security "Guardian Angel" System Level 1 360° visibility safety system S Boom cylinder lock Electromagnetic braking system TELMA O Emergency steering Emergency stop: 1 in cab, 2 on extemal Extinguisher brackets (x3)	, ,	
Brake Lights ON When Park Brake ON 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) Motorization/Power Exhaust fume purification system S Hydraulic hose sleeve burst protection S Radiator safety cap Operator station Cabin first step at 400 mm S Roof and Windshield Guard Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom Security "Guardian Angel" System Level 1 S Soom cylinder lock Electromagnetic braking system TELMA OEmergency steering Emergency stop: 1 in cab, 2 on external Extinguisher brackets (x3)	3	0
Flat Led Rotating Beacon LED Flashing Lights On Cabin (Marker Lights) LED tramming lights S LED work lights on the boom (x2) S LED working lights on cab (x4:2 front + 2 rear) Motorization/Power Exhaust fume purification system Hydraulic hose sleeve burst protection S Radiator safety cap Operator station Cabin first step at 400 mm Roof and Windshield Guard Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom Security "Guardian Angel" System Level 1 360° visibility safety system Boom cylinder lock Electromagnetic braking system TELMA O Emergency steering Emergency stop: 1 in cab, 2 on external Extinguisher brackets (x3)	• •	
LED Flashing Lights On Cabin (Marker Lights) LED tramming lights LED work lights on the boom (x2) LED work lights on cab (x4:2 front + 2 rear) Motorization/Power Exhaust fume purification system Exhaust fume purification system Hydraulic hose sleeve burst protection S Radiator safety cap Operator station Cabin first step at 400 mm Roof and Windshield Guard Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom Security "Guardian Angel" System Level 1 360° visibility safety system Boom cylinder lock Electromagnetic braking system TELMA O Emergency steering Emergency stop: 1 in cab, 2 on external Extinguisher brackets (x3)	Brake Lights ON When Park Brake ON	
LED tramming lights S LED work lights on the boom (x2) S LED work lights on cab (x4:2 front + 2 rear) S Motorization/Power Exhaust fume purification system S 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 Secondary functions Automatic Greasing System (AGS) - chassis + boom S Security "Guardian Angel" System Level 1 S 360° visibility safety system S Boom cylinder lock S Electromagnetic braking system TELMA O Emergency steering O Emergency stop: 1 in cab, 2 on external S Extinguisher brackets (x3)	Flat Led Rotating Beacon	S
LED work lights on the boom (x2) \$ LED working lights on cab (x4:2 front + 2 rear) \$ Motorization/Power \$ Exhaust fume purification system \$ Hydraulic hose sleeve burst protection \$ Radiator safety cap \$ Operator station \$ Cabin first step at 400 mm \$ Roof and Windshield Guard \$ Other options \$ Battery + Starter Isolators + Jump Start Receptacle \$ Secondary functions \$ Automatic Greasing System (AGS) - chassis + boom \$ Security "Guardian Angel" System Level 1 \$ 360° visibility safety system \$ Boom cylinder lock \$ Electromagnetic braking system TELMA \$ Emergency steering \$ Emergency stop: 1 in cab, 2 on external \$ Extinguisher brackets (x3) \$	LED Flashing Lights On Cabin (Marker Lights)	S
LED working lights on cab (x4 : 2 front + 2 rear) \$ Motorization/Power \$ Exhaust fume purification system \$ Hydraulic hose sleeve burst protection \$ Radiator safety cap \$ Operator station ** Cabin first step at 400 mm \$ Roof and Windshield Guard \$ Other options ** Battery + Starter Isolators + Jump Start Receptacle \$ Secondary functions ** Automatic Greasing System (AGS) - chassis + boom 0 Security ** "Guardian Angel" System Level 1 \$ 360° visibility safety system \$ Boom cylinder lock \$ Electromagnetic braking system TELMA 0 Emergency steering 0 Emergency steering 0 Emergency stop: 1 in cab, 2 on external \$ Extinguisher brackets (x3) \$	LED tramming lights	S
Motorization/Power Exhaust fume purification system S Hydraulic hose sleeve burst protection S Radiator safety cap S Operator station S Cabin first step at 400 mm S Roof and Windshield Guard S Other options S Battery + Starter Isolators + Jump Start Receptacle S Secondary functions O Automatic Greasing System (AGS) - chassis + boom O Security S "Guardian Angel" System Level 1 S 360° visibility safety system S Boom cylinder lock S Electromagnetic braking system TELMA O Emergency steering O Emergency stop: 1 in cab, 2 on external S Extinguisher brackets (x3) S	LED work lights on the boom (x2)	S
Exhaust fume purification system Rydraulic hose sleeve burst protection Radiator safety cap Operator station Cabin first step at 400 mm Roof and Windshield Guard S Other options Battery + Starter Isolators + Jump Start Receptacle S Secondary functions Automatic Greasing System (AGS) - chassis + boom O Security "Guardian Angel" System Level 1 S 360° visibility safety system S Boom cylinder lock Electromagnetic braking system TELMA O Emergency steering Emergency stop: 1 in cab, 2 on external Extinguisher brackets (x3)	LED working lights on cab (x4 : 2 front + 2 rear)	S
Hydraulic hose sleeve burst protection \$ Radiator safety cap \$ Operator station \$ Cabin first step at 400 mm \$ Roof and Windshield Guard \$ Other options \$ Battery + Starter Isolators + Jump Start Receptacle \$ Secondary functions 0 Automatic Greasing System (AGS) - chassis + boom 0 Security \$ "Guardian Angel" System Level 1 \$ 360° visibility safety system \$ Boom cylinder lock \$ Electromagnetic braking system TELMA 0 Emergency steering 0 Emergency stop: 1 in cab, 2 on external \$ Extinguisher brackets (x3) \$	Motorization/Power	
Radiator safety cap S Operator station S Cabin first step at 400 mm S Roof and Windshield Guard S Other options S Battery + Starter Isolators + Jump Start Receptacle S Secondary functions 0 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 0 Emergency stop: 1 in cab, 2 on external S Extinguisher brackets (x3) S	Exhaust fume purification system	S
Operator station Cabin first step at 400 mm \$ Roof and Windshield Guard \$ Other options \$ Battery + Starter Isolators + Jump Start Receptacle \$ Secondary functions \$ Automatic Greasing System (AGS) - chassis + boom 0 Security \$ "Guardian Angel" System Level 1 \$ 360° visibility safety system \$ Boom cylinder lock \$ Electromagnetic braking system TELMA 0 Emergency steering 0 Emergency stop: 1 in cab, 2 on external \$ Extinguisher brackets (x3) \$	Hydraulic hose sleeve burst protection	S
Cabin first step at 400 mm \$ Roof and Windshield Guard \$ Other options *** Battery + Starter Isolators + Jump Start Receptacle \$ Secondary functions *** Automatic Greasing System (AGS) - chassis + boom 0 Security *** "Guardian Angel" System Level 1 \$ 360° visibility safety system \$ Boom cylinder lock \$ Electromagnetic braking system TELMA 0 Emergency steering 0 Emergency stop: 1 in cab, 2 on external \$ Extinguisher brackets (x3) \$	Radiator safety cap	S
Roof and Windshield Guard Other options Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom OSecurity "Guardian Angel" System Level 1 S 360° visibility safety system S Boom cylinder lock Selectromagnetic braking system TELMA OEmergency steering Cmergency stop: 1 in cab, 2 on external Extinguisher brackets (x3)	Operator station	
Other options Battery + Starter Isolators + Jump Start Receptacle S Secondary functions 0 Automatic Greasing System (AGS) - chassis + boom 0 Security S "Guardian Angel" System Level 1 S 360° visibility safety system S Boom cylinder lock S Electromagnetic braking system TELMA 0 Emergency steering 0 Emergency stop: 1 in cab, 2 on external S Extinguisher brackets (x3) S	Cabin first step at 400 mm	S
Battery + Starter Isolators + Jump Start Receptacle Secondary functions Automatic Greasing System (AGS) - chassis + boom Security "Guardian Angel" System Level 1 \$ 360° visibility safety system Soom cylinder lock Electromagnetic braking system TELMA Cmergency steering Emergency stop: 1 in cab, 2 on external Extinguisher brackets (x3)	Roof and Windshield Guard	S
Secondary functions Automatic Greasing System (AGS) - chassis + boom Security "Guardian Angel" System Level 1 S 360° visibility safety system S Boom cylinder lock S Electromagnetic braking system TELMA O Emergency steering O Emergency stop: 1 in cab, 2 on external S Extinguisher brackets (x3)	Other options	
Automatic Greasing System (AGS) - chassis + boom Security "Guardian Angel" System Level 1 360° visibility safety system Boom cylinder lock Electromagnetic braking system TELMA Cmergency steering Demergency stop: 1 in cab, 2 on external Extinguisher brackets (x3)	Battery + Starter Isolators + Jump Start Receptacle	S
Security "Guardian Angel" System Level 1 \$ 360° visibility safety system \$ Boom cylinder lock \$ Electromagnetic braking system TELMA 0 Emergency steering 0 Emergency stop: 1 in cab, 2 on external \$ Extinguisher brackets (x3) \$	Secondary functions	
"Guardian Angel" System Level 1 S 360° visibility safety system S Boom cylinder lock S Electromagnetic braking system TELMA O Emergency steering O Emergency stop: 1 in cab, 2 on external S Extinguisher brackets (x3) S	Automatic Greasing System (AGS) - chassis + boom	0
360° visibility safety system \$ Boom cylinder lock \$ Electromagnetic braking system TELMA 0 Emergency steering 0 Emergency stop: 1 in cab, 2 on external \$ Extinguisher brackets (x3) \$	Security	
Boom cylinder lock S Electromagnetic braking system TELMA 0 Emergency steering 0 Emergency stop: 1 in cab, 2 on external S Extinguisher brackets (x3) S	"Guardian Angel" System Level 1	S
Electromagnetic braking system TELMA 0 Emergency steering 0 Emergency stop: 1 in cab, 2 on external S Extinguisher brackets (x3) S	360° visibility safety system	S
Emergency steering 0 Emergency stop: 1 in cab, 2 on external S Extinguisher brackets (x3) S	Boom cylinder lock	S
Emergency stop: 1 in cab, 2 on external S Extinguisher brackets (x3) S	Electromagnetic braking system TELMA	0
Extinguisher brackets (x3)	Emergency steering	0
(,	Emergency stop: 1 in cab, 2 on external	S
Fire suppression system 0	Extinguisher brackets (x3)	S
	Fire suppression system	0
Fuse board protection - MHT's	Fuse board protection - MHT's	S
High visibility reflective strips S	High visibility reflective strips	S
Loose wheel nut indicators S	Loose wheel nut indicators	S
Marking - Warning & Danger decals	Marking - Warning & Danger decals	S
Mining protection grids: right, left and back windows 0	· · · · · · · · · · · · · · · · · · ·	0
Negative brakes on front & rear axles		S
Rear and lateral camera with cab screen S	3	S
Steel Protection Guards on all working and road lights S		
System with attachments recognition (E-reco)	, , ,	\$
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 stop: 1 in cab, 2 on external

Exhaust fume purification system

Extinguisher brackets (x3)

Flat Led Rotating Beacon

Fuse board protection - MHT's

High visibility reflective strips

Hydraulic hose sleeve burst protection

LED Flashing Lights On Cabin (Marker Lights)

LED tramming lights

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

Rear and lateral camera with cab screen

Roof and Windshield Guard

Steel Protection Guards on all working and road lights

System with attachments recognition (E-reco)

Wheel chocks

Optional

Automatic Greasing System (AGS) - chassis + boom

Electromagnetic braking system TELMA

Emergency steering

Fire suppression system

Mining protection grids: right, left and back windows

Working platform predisposition with remote control





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