Technical sheet:

# MHT 11250 MINING ST5

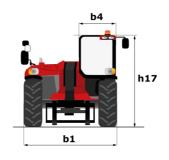


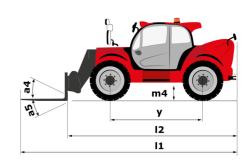


Capacities	Metric	
Max. capacity	24999 kg	
Load center of gravity	c 900 mm	
Max. lifting height	10.60 m	
Maximum outreach	6 m	
Weight and dimensions		
Overall length	l1 8.92 m	
Unladen weight (with forks)	31610 kg	
Ground clearance	m4 0.47 m	
Wheelbase	y 4.10 m	
Length to face of forks	12 7.12 m	
Overall 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	I / e / s 1800 mm x 220 mm x 100 mm	
Frame leveling corrector	a9 10 °	
Wheels	45	
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 m	odo
Engine	Z Wileel Steel, 4 Wileel Steel, Clab III	oue
Engine brand	Yanmar	
Engine nom	Stage V, Tier 4	
Engine model	4TN107TF-6SMU2	
Number of cylinders / Capacity of cylinders	4 - 4567 cm <sup>3</sup>	
Engine power (Hp / kW)	211 Hp / 155 kW	
Max. torque / Engine rotation	805 Nm@1500 rpm	
Engine cooling system	Water	
Number of batteries	2	
	12 V	
Battery voltage	12 V	
Transmission	Understate	
Transmission type	Hydrostatic 2 / 2	
Number of gears (forward / reverse)		
Max. travel speed	25 km/h	
Parking brake	Automatic negative parking brake	
Service brake	Oil-immersed multi-discs braking on froi axles	nt & rea
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	
Hydraulic oil	2901	
Fuel	3151	
Miscellaneous	J131	
Cab certification	Cabin ROPS - FOPS level 2	
Controls	JSM	

# MHT 11250 Mining ST5 - Dimensional drawing

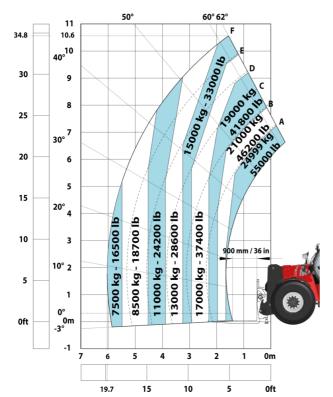




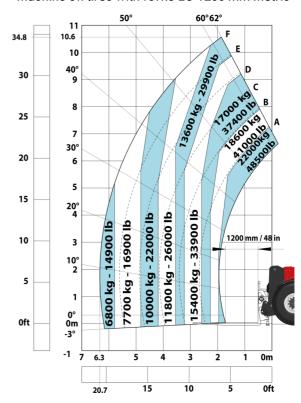


# MHT 11250 Mining ST5 - Load chart

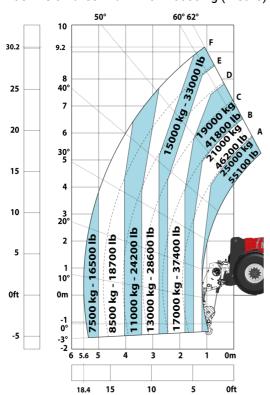
### Machine on tires with forks LC 900 mm Metric



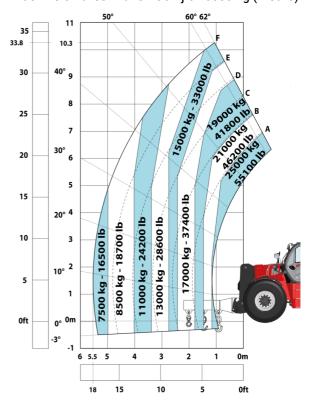
### Machine on tires with forks LC 1200 mm Metric



Machine on tires with winch 25000 kg (Metric)

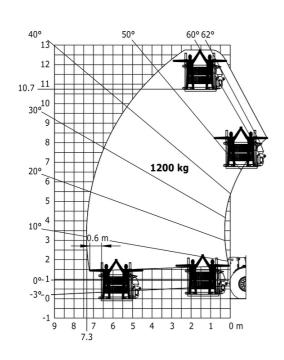


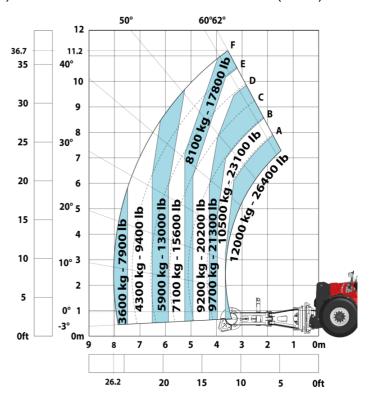
Machine on tires with 3-hook jib 25000 kg (Metric)



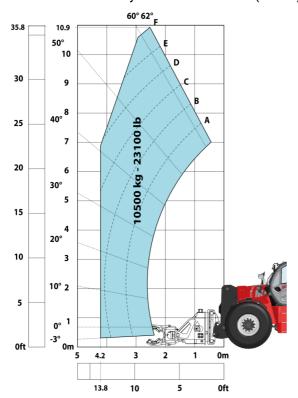
Machine on tires with underground mining platform (Metric)

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
Working platform predisposition with 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 tramming lights	S
LED work lights - On the top of the boom (fixed part) (x2)	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	\$
Operator station	
Cabin first step at 400 mm	S
Roof and Windshield Guard	S
Other options	
Battery + Starter Isolators + Jump Start Receptacle	S
Stainless steel tool box	S
Pneumatics	
Steel mudquards	0
Secondary functions	Ü
Automatic greasing system (AGS) - Chassis + boom	0
Fast fuel filling system	0
Security	O O
<u> </u>	S
"Guardian Angel" System Level 1	S S
360° visibility safety system	s S
Boom cylinder lock	0
Electromagnetic braking system TELMA	
Emergency steering	S
Emergency stop by safety valve	0
Emergency stop: 1 in cab, 2 on external	S
Engine compartment fire prevention kit	0
Extinguisher brackets (x3)	S
Fire suppression system	0
Fuse board protection - MHT's	S
High visibility reflective strips	S
Loose wheel nut indicators	S
Marking - Warning & Danger decals	\$
Mining protection grids: right, left and back windows	0
Negative brakes on front & rear axles	\$
Rear bumper	0
Right side bumper	0
Steel Protection Guards on all working and road lights	S
System with attachments recognition (E-reco)	S
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 steering

Emergency stop: 1 in cab, 2 on external

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 top of the boom (fixed part) (x2)

LED working lights on cab (x4: 2 front + 2 rear)

Loose wheel nut indicators

Marking - Warning & Danger decals

Metal cyclonic prefilter

Negative brakes on front & rear axles

Radiator safety cap

Roof and Windshield Guard

Stainless steel tool box

Steel Protection Guards on all working and road lights

System with attachments recognition (E-reco)

Wheel chocks

Working platform predisposition with remote control

### Optional

Automatic greasing system (AGS) - Chassis + boom

Camera in boom head with screen in cab

Electromagnetic braking system TELMA

Emergency stop by safety valve

Engine compartment fire prevention kit

Fast fuel 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