Technical sheet:

# MHT 11250 MINING ST5

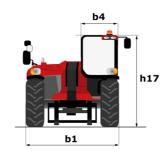


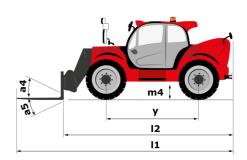


Capacities	Metric
Max. capacity	24999 kg
Load center of gravity	c 900 mm
Aax. lifting height	10.60 m
Maximum outreach	6 m
Veight and dimensions	
Overall length	l1 8.92 m
Inladen weight (with forks)	31610 kg
Ground clearance	m4 0.47 m
/heelbase	y 4.10 m
ength to face of forks	12 7.12 m
Overall width	b1 2.84 m
Overall height	h17 3.03 m
Overall cab width	b4 0.95 m
Tilt-up angle	a4 12°
iirup angie iilt-down angle	a5 105 °
•	Wa1 5.50 m
external turning radius (over tyres)	
Forks length / width / section	I / e / s 1800 mm x 220 mm x 100 mm
rame leveling corrector	a9 10 °
Vheels	40.00.005
tandard tires	18.00 R25
lumber of front wheels / rear wheels	2/2
Orive wheels (front / rear)	2/2
Steering mode	2 wheel steer, 4 wheel steer, Crab mode
Engine	
Engine brand	Yanmar
Engine norm	Stage V, Tier 4
ingine model	4TN107TT-6SMU2
lumber of cylinders / Capacity of cylinders	4 - 4567 cm <sup>3</sup>
.C. Engine power rating / Power	211 Hp / 155 kW
Max. torque / Engine rotation	805 Nm@1500 rpm
ingine cooling system	Water
lumber of batteries	2
Battery voltage	12 V
Transmission Transmission	
ransmission type	Hydrostatic
lumber 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 & axles
Gradeability (laden / unladen)	57.70 % / 31.50 %
lydraulics	
Hydraulic pump type	Variable displacement pump
lydraulic flow - Pressure	275 l/min - 350 bar
Fank capacities	
Engine oil	13
Fuel tank	315 I
Miscellaneous	
Cab certification	Cabin ROPS - FOPS level 2
Controls	JSM

## MHT 11250 Mining ST5 - Dimensional drawing

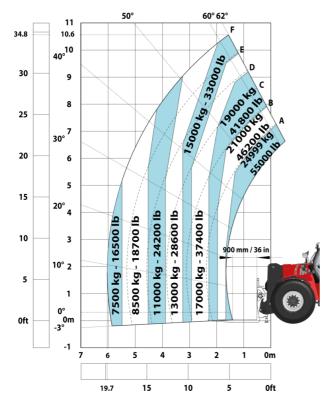




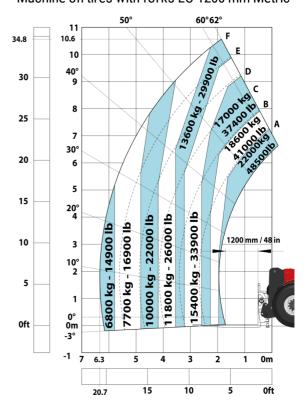


## MHT 11250 Mining ST5 - Load chart

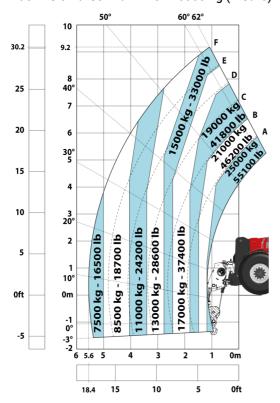
### Machine on tires with forks LC 900 mm Metric



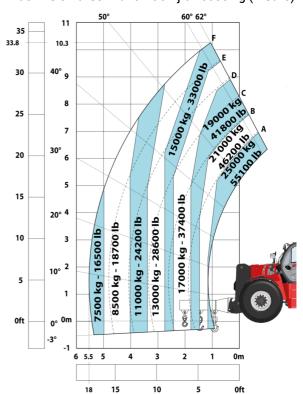
### Machine on tires with forks LC 1200 mm Metric



Machine on tires with winch 25000 kg (Metric)

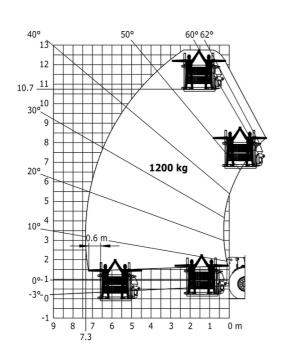


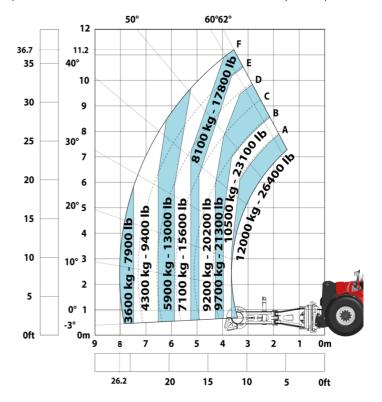
Machine on tires with 3-hook jib 25000 kg (Metric)



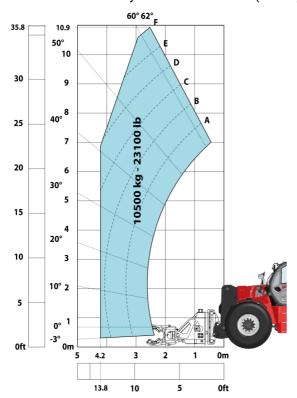
Machine on tires with underground mining platform (Metric)

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
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
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
Stainless steel tool box	S
Pneumatics	
Steel mudguards	0
Secondary functions	
Automatic greasing system (AGS) - Chassis + boom	0
Fast fuel filling system	0
Security	
"Guardian Angel" System Level 1	S
360° visibility safety system	S
Boom cylinder lock	S
Electromagnetic braking system TELMA	0
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	S
Mining protection grids: right, left and back windows	0
Negative brakes on front & rear axles	S
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

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





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