Technical sheet:

MHT 11250 MINING ST5

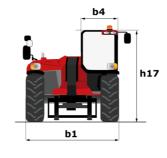


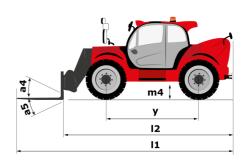


	MHT 11250 MINING ST5 Created on October 22, 2023 at 3.31 PM
Capacities	Imperial
Max. capacity	55113 lb
Load center of gravity	c 35 in
Max. lifting height	34 ft 9 in
Maximum outreach	19 ft 8 in
Weight and dimensions	
Overall length	l1 29 ft 3 in
Unladen weight (with forks)	69688 lb
Ground clearance	m4 1 ft 7 in
Wheelbase	y 13 ft 5 in
Length to face of forks	12 23 ft 4 in
Overall width	b1 9 ft 4 in
Overall height	h17 9 ft 11 in
Overall cab width	b4 3 ft 1 in
Tilt-up angle	a4 12°
Tilt-down angle	a5 105°
External turning radius (over tyres)	Wa1 18 ft 1 in
Forks length / width / section	1/e/s 71 in x 9 in x 4 in
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	2 micer steel, 4 mice
Engine brand	Yanmar
Engine norm	Stage V, Tier 4
Engine model	4TN107TT-6SMU2
Number of cylinders / Capacity of cylinders	4 - 279 in³
Engine power (Hp / kW)	211 Hp / 155 kW
Max. torque / Engine rotation	594 ft/lbs@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	16 mph
Parking brake	Automatic negative parking brake
Service brake	Oil-immersed multi-discs braking on front & n axles
Gradeability (laden / unladen)	57.70 % / 31.50 %
Hydraulics	
Hydraulic pump type	Variable displacement pump
Hydraulic flow - Pressure	73 US gpm - 5076 PSI
Tank capacities	
Engine oil	3 US gal
Fuel tank	83 US gal
Miscellaneous	
Cab certification	Cabin ROPS - FOPS level 2
Controls	JSM
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MHT 11250 Mining ST5 - Dimensional drawing

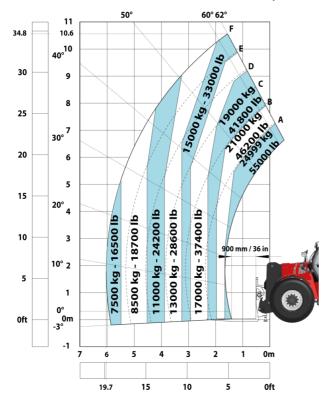




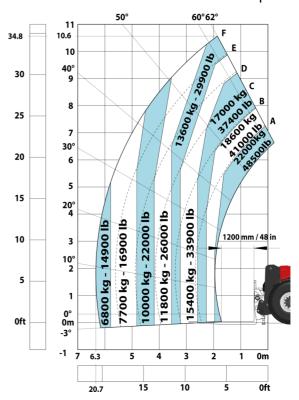


MHT 11250 Mining ST5 - Load chart

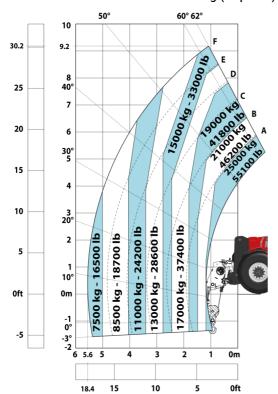
Machine on tires with forks LC 900 mm Imperial



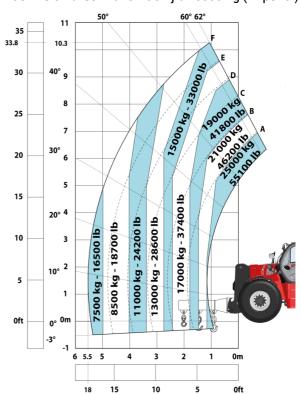
Machine on tires with forks LC 1200 mm Imperial



Machine on tires with winch 25000 kg (Imperial)

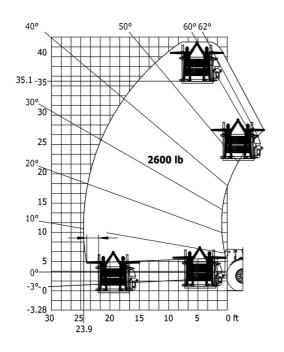


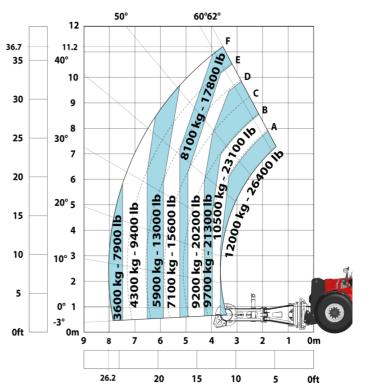
Machine on tires with 3-hook jib 25000 kg (Imperial)



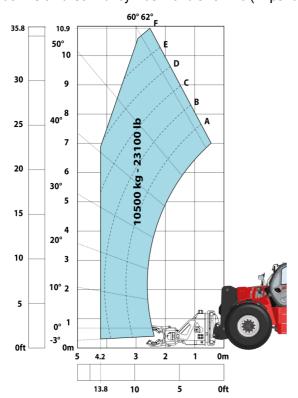
Machine on tires with underground mining platform (Imperial)

Machine on tires with tire handler TH 63 (Imperial)





Machine on tires with cylinder handler CH 10 (Imperial)



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	\$
High visibility reflective strips	\$
Loose wheel nut indicators	\$
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
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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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