

Technical sheet :

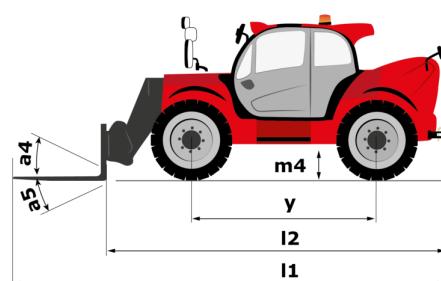
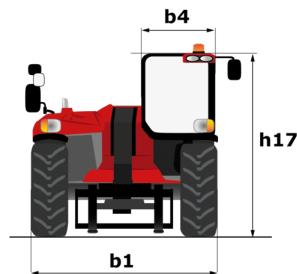
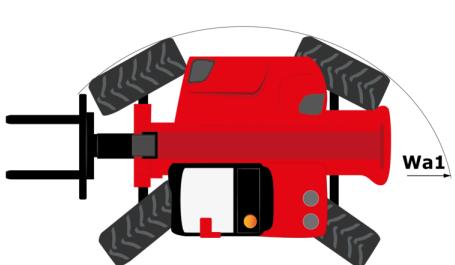
# **MHT 11250 MINING ST5**



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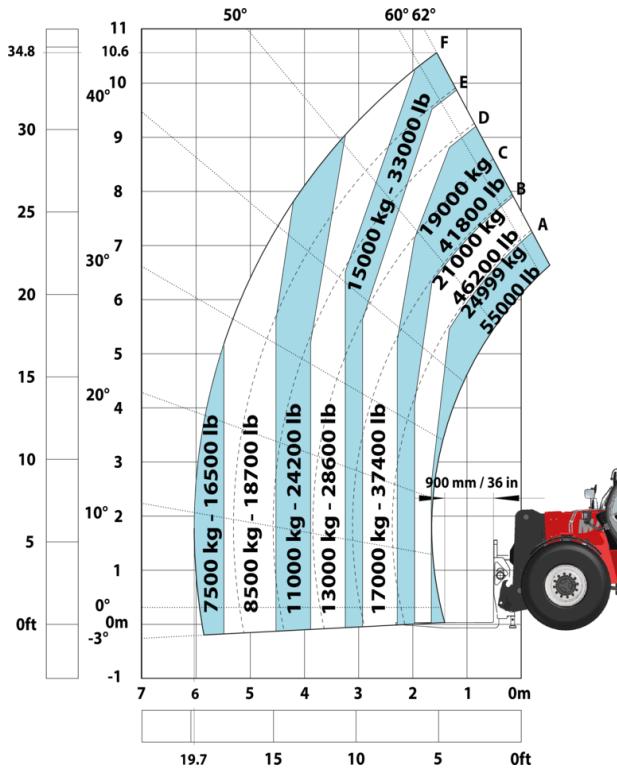
Capacities		Metric	
Max. capacity		24999 kg	
Load center of gravity	c	900 mm	
Max. lifting height		10.60 m	
Maximum outreach		6 m	
Weight and dimensions			
Overall length	l1	8.92 m	
Unladen weight (with forks)		31610 kg	
Ground clearance	m4	0.47 m	
Wheelbase	y	4.10 m	
Length to face of forks	l2	7.12 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 norm		Stage V, Tier 4	
Engine model		4TN107TT-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

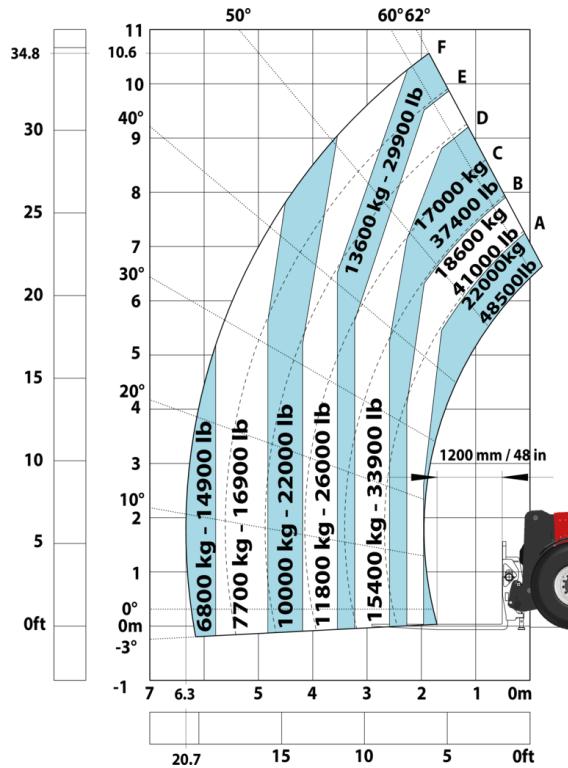


## MHT 11250 Mining ST5 - Load chart

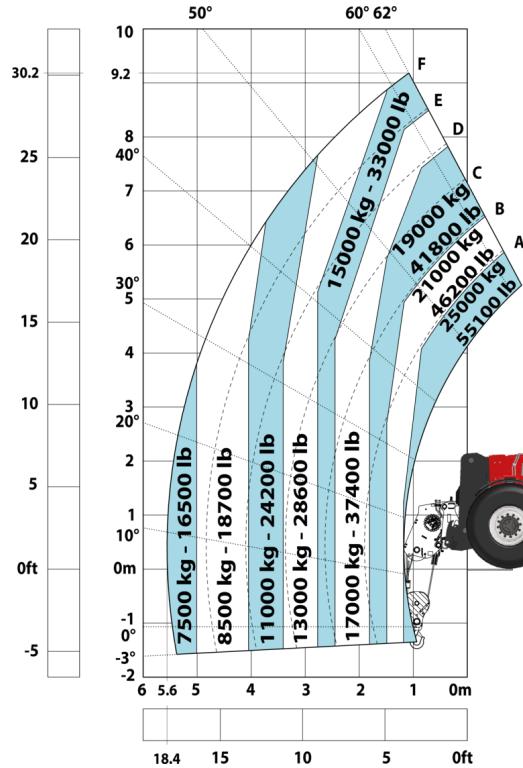
Machine on tires with forks LC 900 mm Metric



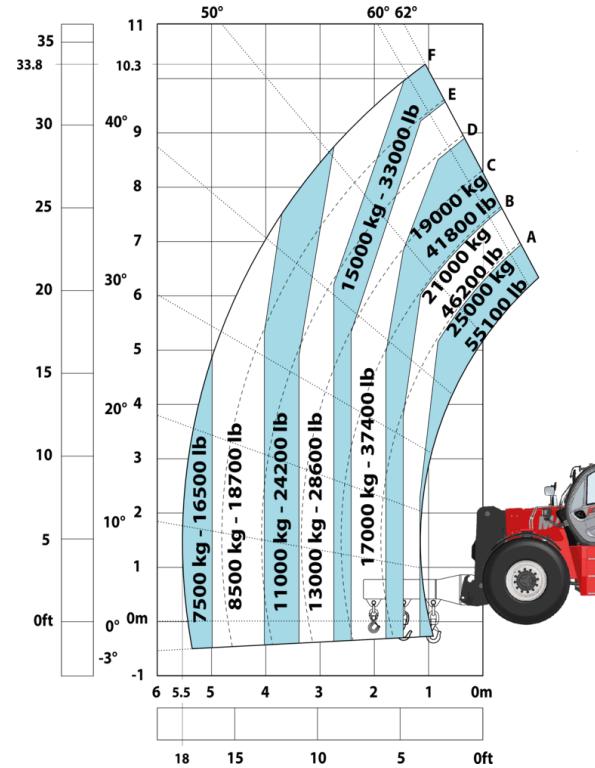
Machine on tires with forks LC 1200 mm Metric



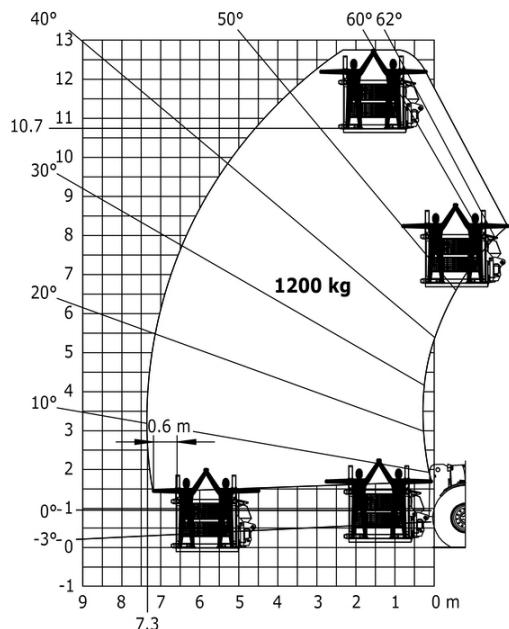
Machine on tires with winch 25000 kg (Metric)



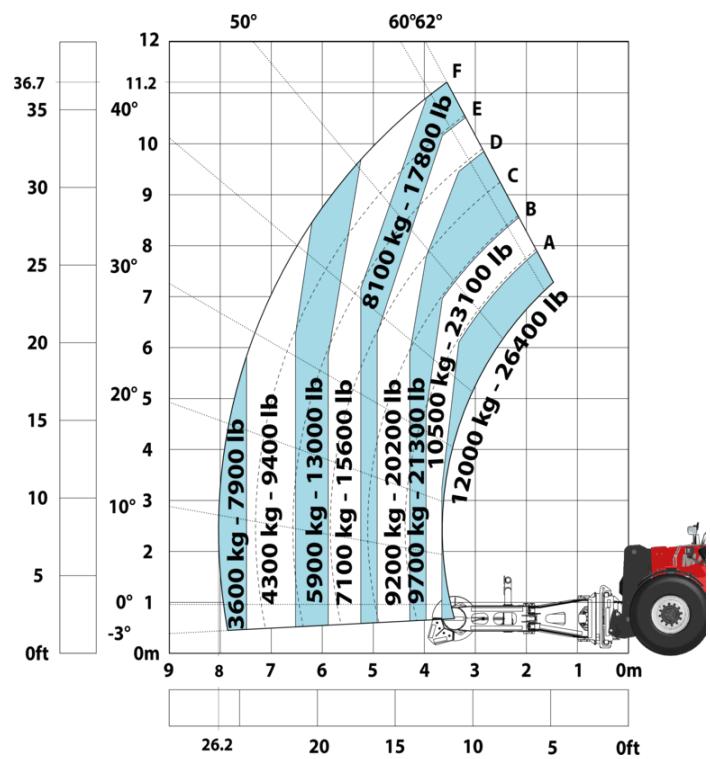
Machine on tires with 3-hook jib 25000 kg (Metric)



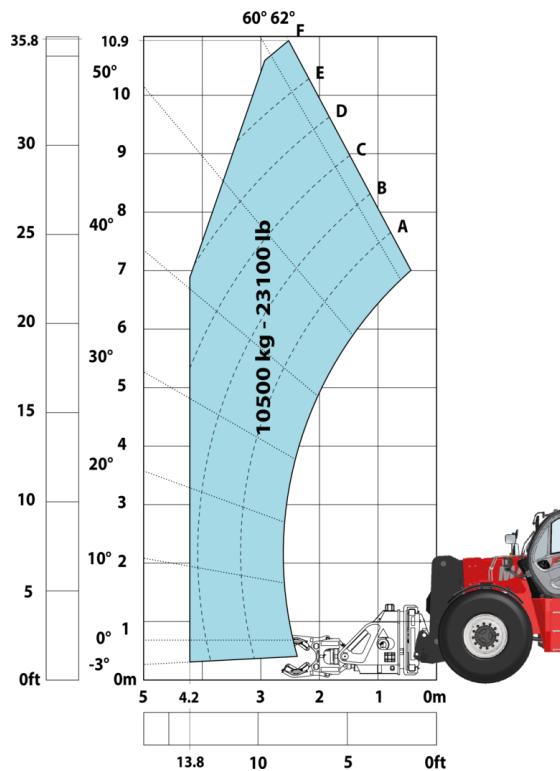
Machine on tires with underground mining platform (Metric)



Machine on tires with tire handler TH 63 (Metric)



Machine on tires with cylinder handler CH 10 (Metric)



# Mining Specifications

MHT 11250 Mining ST5	
<b>Lifting function</b>	
Camera in boom head with screen in cab	O
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 trammimg 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
<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>	
Battery + Starter Isolators + Jump Start Receptacle	S
Stainless steel tool box	S
<b>Pneumatics</b>	
Steel mudguards	O
<b>Secondary functions</b>	
Automatic greasing system (AGS) - Chassis + boom	O
Fast fuel filling system	O
<b>Security</b>	
"Guardian Angel" System Level 1	S
360° visibility safety system	S
Boom cylinder lock	S
Electromagnetic braking system TELMA	O
Emergency steering	S
Emergency stop by safety valve	O
Emergency stop: 1 in cab, 2 on external	S
Engine compartment fire prevention kit	O
Extinguisher brackets (x3)	S
Fire suppression system	O
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	O
Negative brakes on front & rear axles	S
Rear bumper	O
Right side bumper	O
Steel Protection Guards on all working and road lights	S
System with attachments recognition (E-reco)	S
Wheel chocks	S

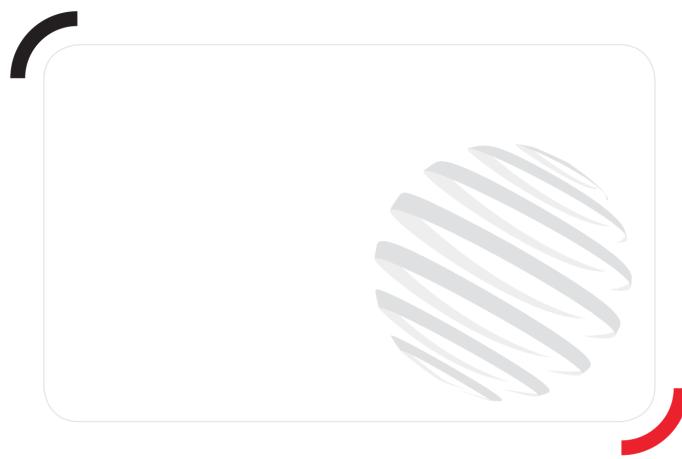
# Equipment

## 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 tramping 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



# **MANITOU** HANDLING YOUR WORLD

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