Technical sheet :

# MHT 11250 MINING ST5



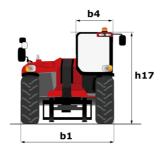


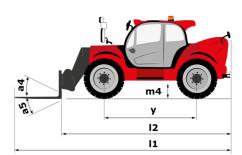
#### мнт 11250 мінінд sts Created on May 2, 2024 at 1:57:08 AM UTC

Capacities		Metric	
Max. capacity		24999 kg	
Load center of gravity	C	900 mm	
Max. lifting height		10.60 m	
Max. outreach		6 m	
Weight and dimensions			
Overall length	11	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	12	7.12 m	
Overall width	b1	2.84 m	
Overall height	h17	3.03 m	
Overall cab width	b4	0.95 m	
Tilt-down angle	а5	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			
Standard tires		18.00 R25	
Number of front wheels / rear wheels		2/2	
Drive wheels (front / rear)		2/2	
Steering mode	2 wheel str	er, 4 wheel steer, Crab mode	
Engine		ei, 4 wheel steel, olab mode	
Engine brand		Yanmar	
Engine norm		Stage V / Tier 4	
Engine model		4TN107TT-6SMU2	
Number 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	
Engine cooling system		Water	
Number of batteries		2	
Battery voltage		2 12 V	
Transmission		12 V	
		Hydrostatic	
Transmission type		2 / 2	
Number of gears (forward / reverse)		272 25 km/h	
Max. travel speed			
Parking brake		Automatic negative parking brake Oil-immersed multi-discs braking on front & rear	
Service brake	OII-Immersed r	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	
Hydraulic oil		290 I	
Fuel tank		315 I	
Miscellaneous			
Safety cab homologation	RO	PS - FOPS level 2 cab	
Controls		JSM	

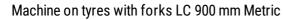
MHT 11250 Mining ST5 - Dimensional drawing

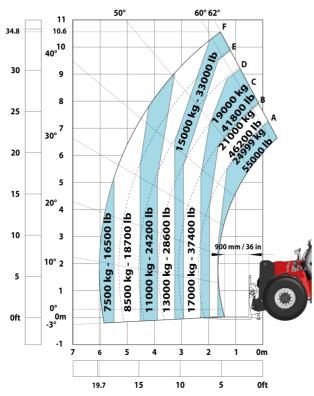




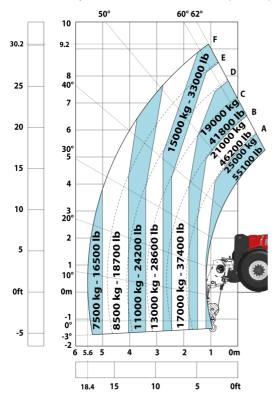


### MHT 11250 Mining ST5 - Load chart

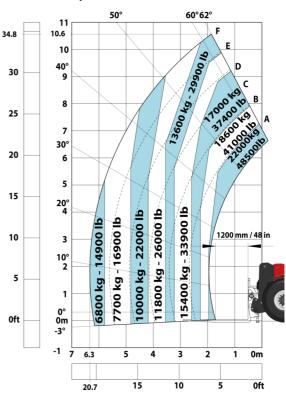




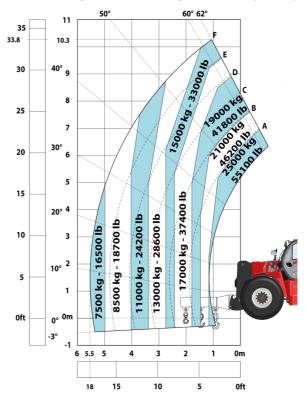
#### Machine on tyres with winch 25000 kg (Metric)



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

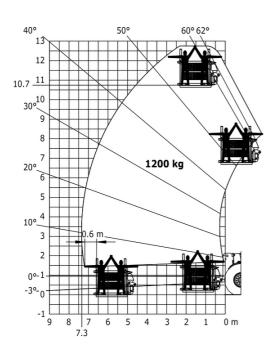


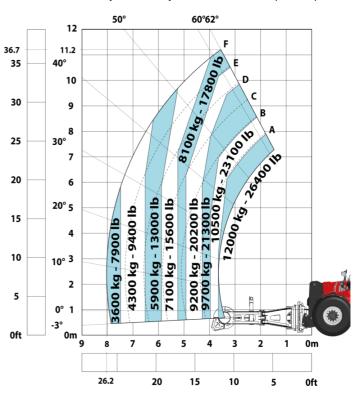
Machine on tyres with 3-hook jib 25000 kg (Metric)



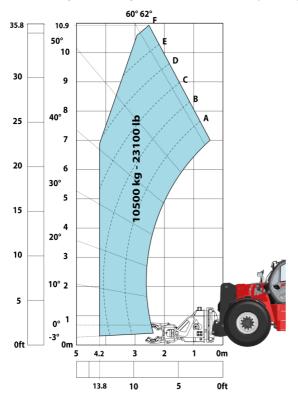
Machine on tyres with underground mining platform (Metric)

Machine on tyres with tyre handler TH 63 (Metric)





Machine on tyres with cylinder handler CH 10 (Metric)



## **Mining Specifications**

	MHT 112
Lifting function	
amera in boom head with screen in cab	
lamp predisposition (controls from cabin)	
Norking 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 work lights on the boom (x2)	
LED working lights on cab (x4 : 2 front + 2 rear)	
Motorization/Power	
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	
Stainless steel tool box	
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)	
Fire suppression system	
Fuse board protection - MHT's	
High visibility reflective strips	
Loose wheel nut indicators	
Marking - Warning & Danger decals	
Mining protection grids: right, left and back windows	
Negative brakes on front & rear axles	
Steel Protection Guards on all working and road lights	:
System with attachments recognition (E-reco)	ş
Wheel chocks	S

## Equipment

Standard III Control III Contr	
"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 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	
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 Fire suppression system Mining protection grids: right, left and back windows



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