Technical sheet :

MHT 11250 MINING ST5

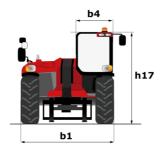


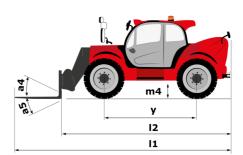


Capacities	Metric			
Max. capacity	24999 kg			
Load center of gravity	c 900 mm			
Max. lifting height	10.60 m			
Max. outreach	6 m			
Weight and dimensions				
Overall length	l1 8.92 m	_		
Unladen weight (with forks)	31610 kg			
Ground clearance	m4 0.47 m			
Wheelbase	y 4.10 m			
Length to face of forks	l2 7.12 m			
Overall width	b1 2.84 m			
Overall height	h17 3.03 m			
Overall cab width	b4 0.95 m			
Tilt-down angle	a5 105 °			
Tilt-up angle	a4 12 °			
External turning radius (over tyres)	Wa1 5.50 m			
Forks length / width / section	l / e / s 1800 mm 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 steer, 4 wheel steer, Crab mod	de		
Engine				
Engine brand	Yanmar			
Engine norm	Stage V / Tier 4			
Engine model	4TN107TF6SMU2			
Number of cylinders / Capacity of cylinders		4 - 4567 cm ³		
I.C. Engine power rating / Power	211 Hp / 155 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	Oil-immersed multi-discs braking on front & rear		
Gradeability (laden / unladen)	57.70 % / 31.50 %	axles		
Hydraulics	57.70 %/ 51.30 %			
Hydraulic pump type	Variable displacement pump			
Hydraulic flow - Pressure	275 l/min - 350 bar			
Tank capacities	2/3 i/init - 330 bai			
Engine oil	131			
Hydraulic oil				
Hydraulic oli Fuel tank	3151	2901		
Fuel tank Miscellaneous	3151			
Safety cab homologation Controls	ROPS - FOPS level 2 cab JSM			

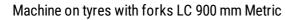
MHT 11250 Mining ST5 - Dimensional drawing

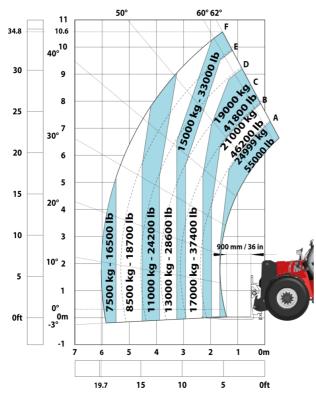




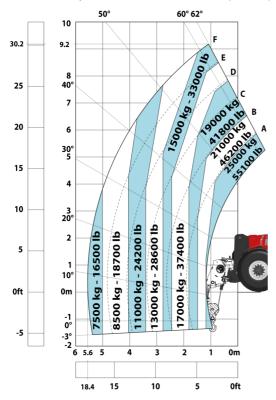


MHT 11250 Mining ST5 - Load chart

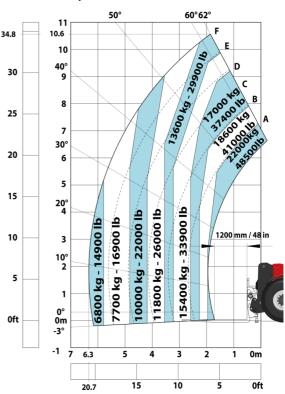




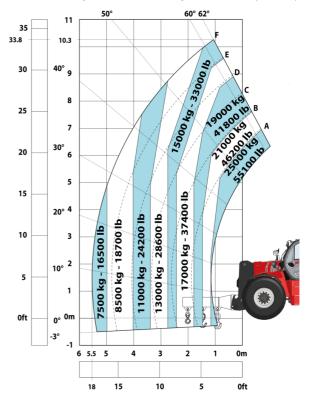
Machine on tyres with winch 25000 kg (Metric)



Machine on tyres with forks LC 1200 mm Metric

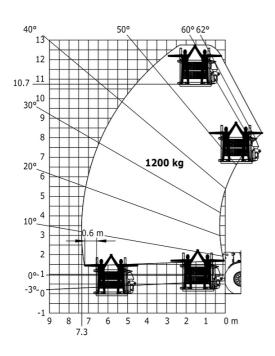


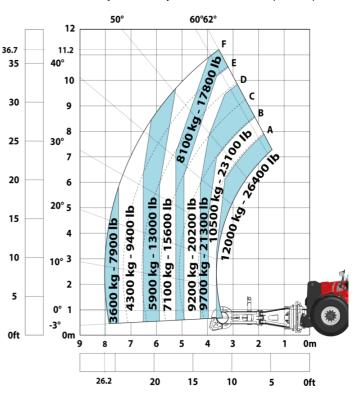
Machine on tyres with 3-hook jib 25000 kg (Metric)



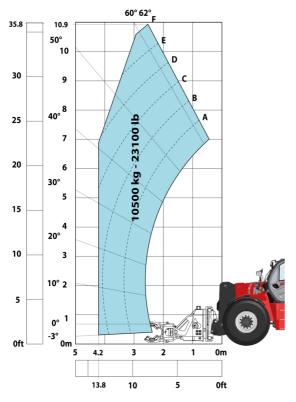
Machine on tyres with underground mining platform (Metric)

Machine on tyres with tyre handler TH 63 (Metric)





Machine on tyres with cylinder handler CH 10 (Metric)



Mining Specifications

	MHT 11250 Mini
Lifting function	
Camera in boom head with screen in cab	0
Clamp predisposition (controls from cabin)	S
Vorking platform predisposition with remote control	S
ighting	
rake Lights ON When Park Brake ON	S
lat Led Rotating Beacon	S
ED Flashing Lights On Cabin (Marker Lights)	S
ED tramming lights	S
ED work lights on the boom (x2)	S
ED working lights on cab (x4 : 2 front + 2 rear)	S
otorization/Power	
ydraulic hose sleeve burst protection	S
adiator safety cap	S
perator station	
abin first step at 400 mm	S
oof and Windshield Guard	S
ther options	
attery + Starter Isolators + Jump Start Receptacle	S
ainless steel tool box	S
econdary functions	
utomatic Greasing System (AGS) - chassis + boom	0
ecurity	
uardian Angel" System Level 1	S
0° visibility safety system	S
om cylinder lock	S
ectromagnetic braking system TELMA	0
nergency steering	S
mergency stop: 1 in cab, 2 on external	S
xtinguisher brackets (x3)	S
re suppression system	0
use board protection - MHT's	S
igh visibility reflective strips	S
pose wheel nut indicators	S
arking - Warning & Danger decals	S
ining protection grids: right, left and back windows	0
egative brakes on front & rear axles	S
teel Protection Guards on all working and road lights	S
ystem with attachments recognition (E-reco)	S
heel 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 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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