

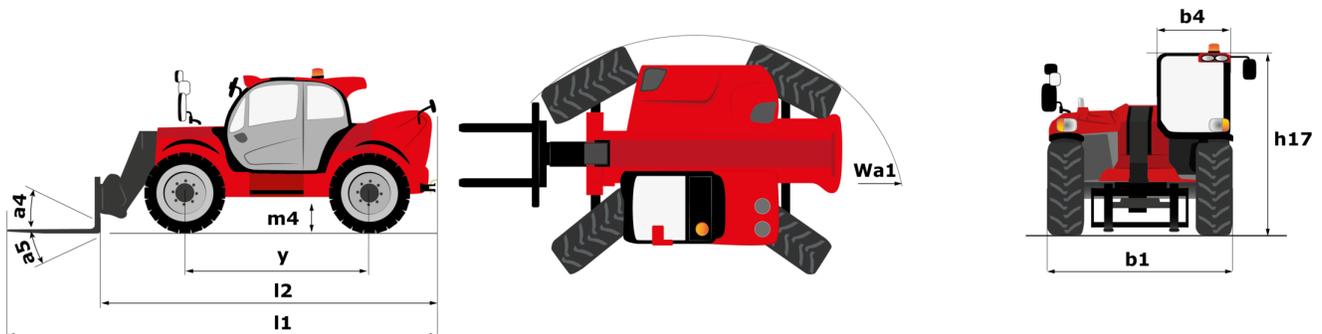
Technical sheet :

MHT 11250 MINING ST5



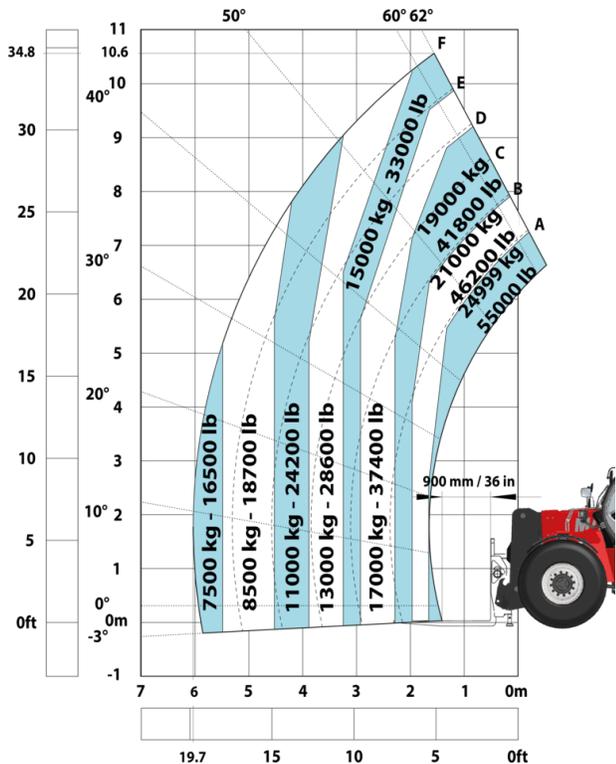
Capacities		Metric
Max. capacity		24999 kg
Load centre of gravity	c	900 mm
Max. lifting height		10.60 m
Max. outreach		6 m
Weight and dimensions		
Overall length	l1	8.92 m
Unladen weight (with forks)		31610 kg
Ground clearance	m4	0.47 m
Wheelbase	y	4.10 m
Length to face of forks	l2	7.12 m
Overall width	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 levelling corrector	a9	10 °
Wheels		
Standard tyres		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 nom		Stage V / Tier 4
Engine model		4TN107TF-6SMU2
Number of cylinders / Capacity of cylinders		4 - 4567 cm ³
I.C. Engine power rating / Power (kW)		157.34 kW / 155 kW
Max. torque / Engine rotation		805 Nm@1500 rpm
Engine cooling system		Water
Number of batteries		2
Battery / Batteries capacity		12 V / 120 Ah
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 tank		315 l
Miscellaneous		
Safety cab homologation		Cabin ROPS - FOPS Level 2
Controls		JSM

MHT 11250 Mining ST5 - Dimensional drawing

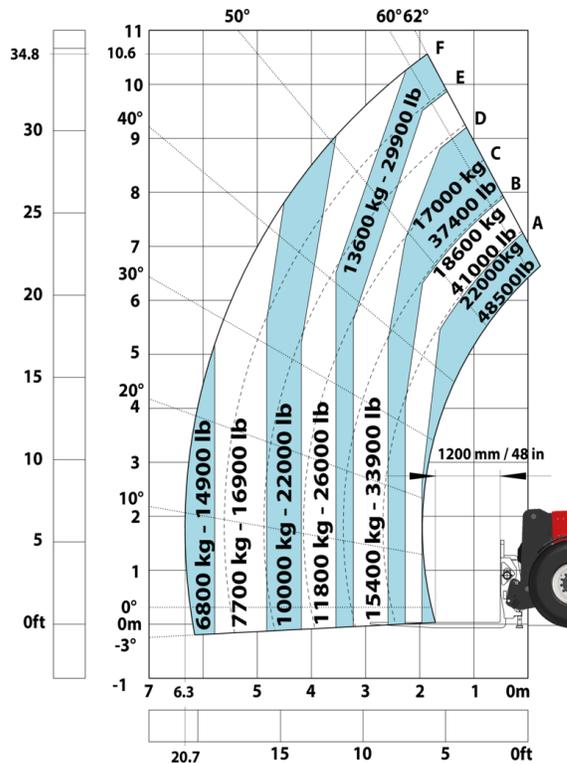


MHT 11250 Mining ST5 - Load chart

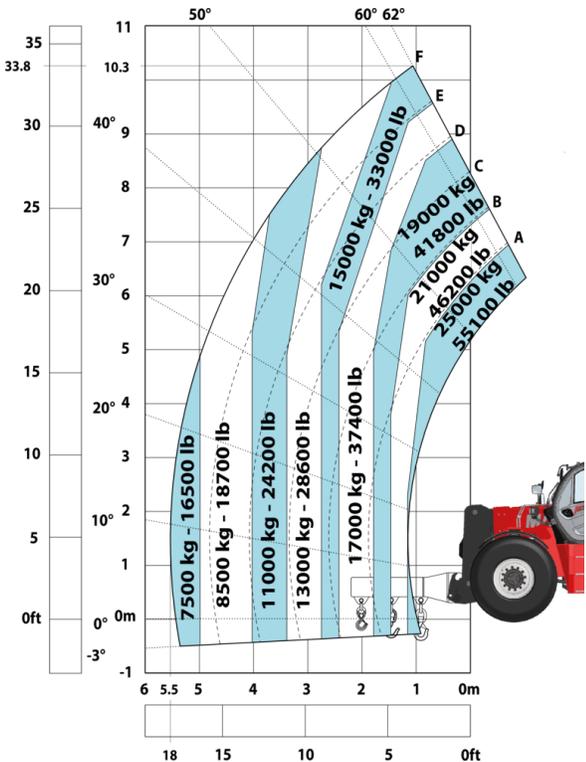
Machine on tyres with forks LC 900 mm Metric



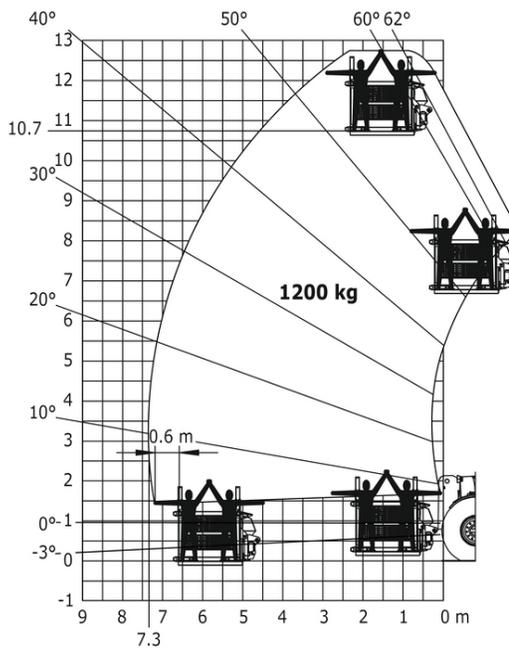
Machine on tyres with forks LC 1200 mm Metric



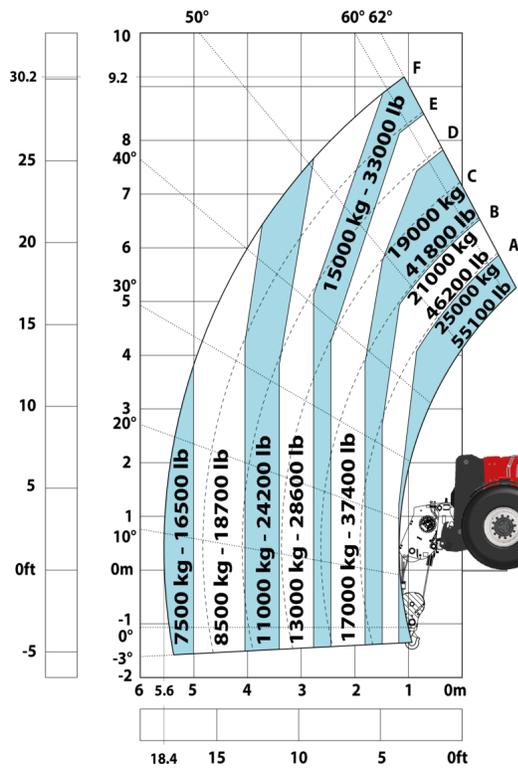
Machine on tyres with 3-hook jib 25000 kg (Metric)



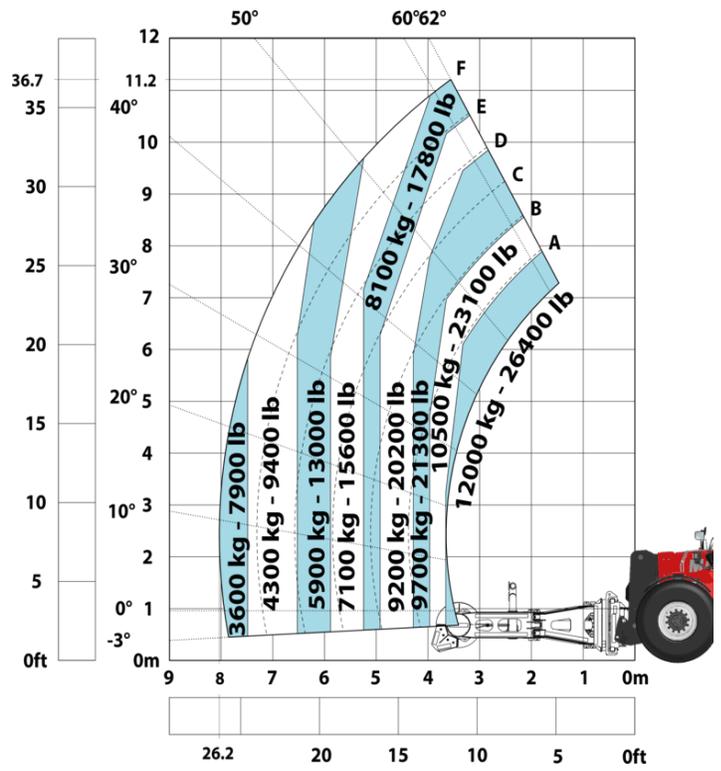
Machine on tyres with underground mining platform (Metric)



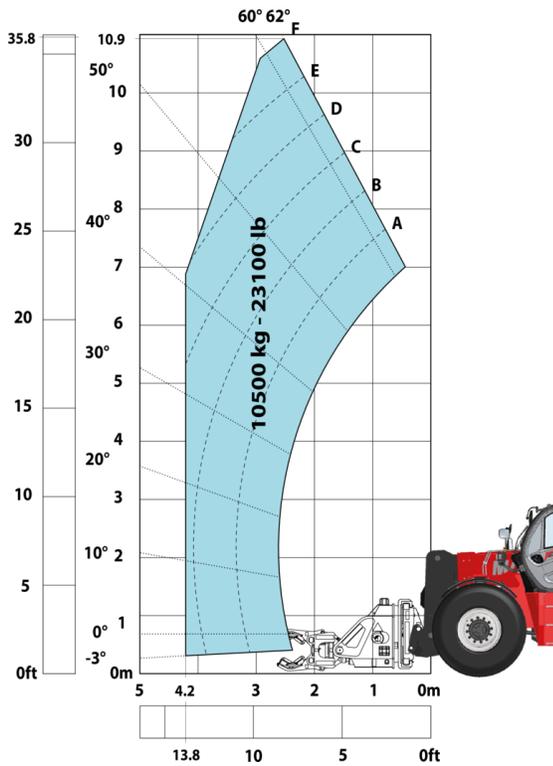
Machine on tyres with winch 25000 kg (Metric)



Machine on tyres with tyre handler TH 63 (Metric)

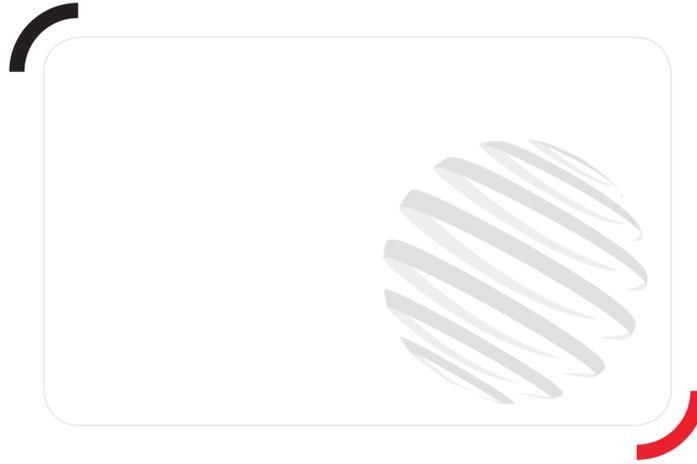


Machine on tyres with cylinder handler CH 10 (Metric)



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 tramping lights	S
LED work lights on the boom (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
Secondary functions	
Automatic Greasing System (AGS) - chassis + boom	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: 1 in cab, 2 on external	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
Steel Protection Guards on all working and road lights	S
System with attachments recognition (E-reco)	S
Wheel chocks	S



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