

Technical sheet :

MHT 11250 ST5



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Imperial
Max. capacity	Q	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)		72642 lb
Ground clearance	m4	1 ft 7 in
Wheelbase	y	13 ft 5 in
Length to face of forks	l2	23 ft 4 in
Overall width	b1	9 ft 2 in
Overall height	h17	10 ft 1 in
Overall cab width	b4	3 ft 1 in
Tilt-up angle	a4	10 °
Tilt-down angle	a5	106 °
External turning radius (over tyres)	Wa1	18 ft 1 in
Forks length / width / section	l / 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 brand		Yanmar
Engine nom		Stage V, Tier 4
Engine model		4TN107FTT-6SMU2
Number of cylinders / Capacity of cylinders		4 - 279 in ³
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
Drawbar pull		20400 daN
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 & rear axles
Gradeability (laden / unladen)		31.50 % / 57.70 %
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		76 US gpm - 5076 PSI
Tank capacities		
Engine oil		3 US gal
Hydraulic oil		77 US gal
Fuel		83 US gal
Diesel Exhaust fluid (AdBlue® type)		6 US gal
Noise and vibration		
Noise to environment (LWA)		109 dB
Vibration on hands/arms		< 8 ft/s ²
Noise at driving position (LpA) tested following NF EN 12053 nom		75 dB
Miscellaneous		
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM
Attachment recognition system (E-Reco)		Standard

MHT 11250 ST5 - Dimensional drawing



Machine on tires with tire handler TH 63 (Imperial)



Machine on tires with cylinder handler CH 10 (Imperial)





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