Technical sheet:

# **MHT 10160 ST5**

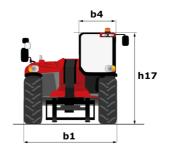


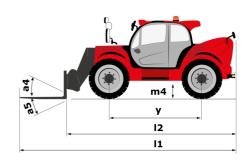


	мнт 10160 sт 5 Created on May 8, 2024 at 12:35:48 AM l
Capacities	Metric
Max. capacity	16000 kg
Load center of gravity	c 600 mm
Max. lifting height	9.60 m
Max. outreach	5.20 m
Weight and dimensions	
Overall length	I1 7.35 m
Unladen weight (with forks)	21500 kg
Ground clearance	m4 0.43 m
Wheelbase	y 3.37 m
Length to face of forks	) I2 6.15 m
Overall width	b1 2.48 m
Overall height	h17 2.99 m
Overall cab width	b4 0.95 m
Tilt-down angle	a5 104°
Tilt-up angle	a4 12 °
External turning radius (over tyres)	Wa1 5.20 m
Forks length / width / section	I / e / s 1200 mm x 180 mm / 75 mm
Frame leveling corrector	a9 9°
Wheels	
Standard tires	17,5-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	2 micel sizel, 4 micel sizel, oldb mode
Engine brand	Yanmar
Engine norm	Stage V / Tier 4
Engine model	4TN107FTT-6SMU1
Number of cylinders / Capacity of cylinders	4 - 4567 cm <sup>3</sup>
I.C. Engine power rating / Power	173 Hp / 127 kW
Max. torque / Engine rotation	805 Nm@1500 rpm
Engine cooling system	Water
Number of batteries	2
Battery voltage	12 V
Drawbar pull	11770 daN
Transmission	11770 dalv
	Universalation
Transmission type	Hydrostatic 2 / 2
Number of gears (forward / reverse)	2 / 2 25 km/h
Max. travel speed	Automatic negative parking brake
Parking brake	Oil-immersed multi-discs braking on front & rea
Service brake	OH-IMMEISED MUNI-DISCS DIAKING ON HONG & lea
Gradeability (laden / unladen)	32.40 % / 55.40 %
Hydraulics	
Hydraulic pump type	Variable displacement pump
Hydraulic flow - Pressure	185 l/min - 350 bar
Tank capacities	
Engine oil	13
Hydraulic oil	290
Fuel tank	3151
Diesel Exhaust fluid (AdBlue® type)	241
Noise and vibration	
Noise at driving position (LpA)	75 dB
Noise to environment (LwA)	108 dB
Vibration on hands/arms	< 2.50 m/s <sup>2</sup>
Miscellaneous	× 2.00 III/S*
Safety cab homologation	ROPS - FOPS level 2 cab
Controls	JSM
Attachment recognition system (E-Reco)	JSM Standard
Attachment lecognition system (E-Reco)	Sianuaro

## MHT 10160 ST5 - Dimensional drawing

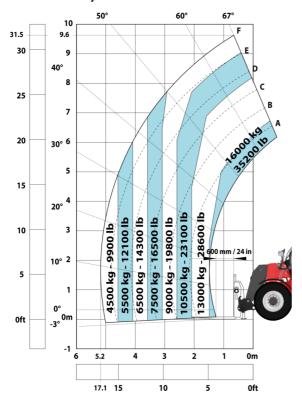




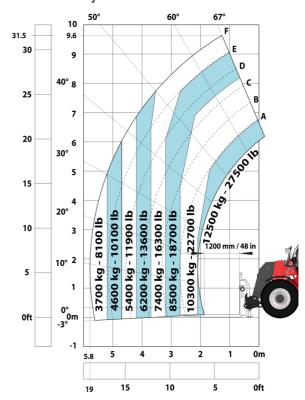


#### MHT 10160 ST5 - Load chart

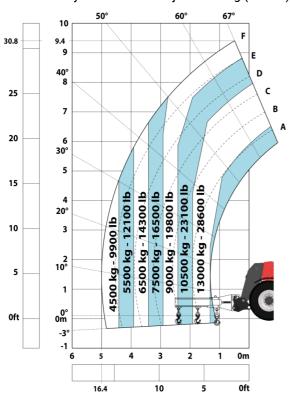
#### Machine on tyres with forks LC 600 mm Metric



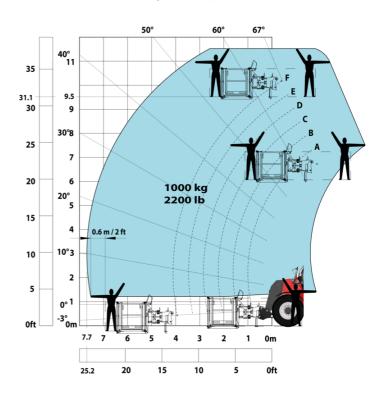
#### Machine on tyres with forks LC 1200 mm Metric

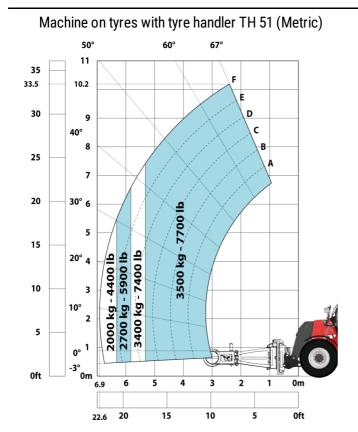


Machine on tyres with 3-hook jib 16000 kg (Metric)

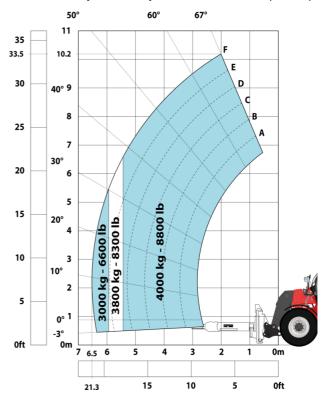


Machine on tyres with platform Metric





### Machine on tyres with cylinder handler CH 4 (Metric)



## **Mining Specifications**

MHT 10160 ST5





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