Technical sheet:

# **MHT 10160 ST5**

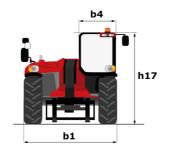


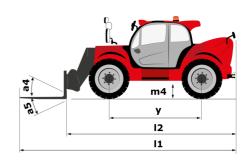


	мнт 10160 sт 5 Created on 8 May 2024 at 10:15:18 UT	
Capacities	Metric	
Max. capacity	16000 kg	
Load center of gravity	c 600 mm	
Max. lifting height	9.60 m	
Max. outreach	5.20 m	
Weight and dimensions		
Overall length	l1 7.35 m	
Unladen weight (with forks)	21500 kg	
Ground clearance	m4 0.43 m	
Wheelbase	y 3.37 m	
Length to face of forks	12 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°	
	a4 12 °	
Tilt-up angle		
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 n	ıode
Engine		
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		
Transmission type	Hydrostatic	
Number of gears (forward / reverse)	2/2	
Max. travel speed	25 km/h	
Parking brake	Automatic negative parking brak	e
	Oil-immersed multi-discs braking on fro	
Service brake	axles	
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	131	
Hydraulic oil	290	
Fuel tank	3151	
Diesel Exhaust fluid (AdBlue® type)	241	
Noise and vibration	271	
Noise at driving position (LpA)	75 dB	
Noise at driving position (EpA)  Noise to environment (LwA)	108 dB	
` '		
Vibration on hands/arms	< 2.50 m/s <sup>2</sup>	
Miscellaneous	0000 5000 1000	
Safety cab homologation	ROPS - FOPS level 2 cab	
Controls	JSM	
Attachment recognition system (E-Reco)	Standard	

## MHT 10160 ST5 - Dimensional drawing

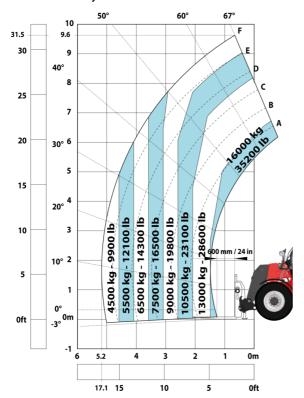




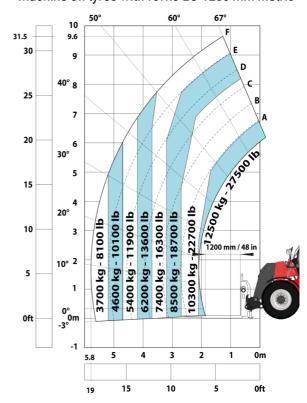


#### MHT 10160 ST5 - Load chart

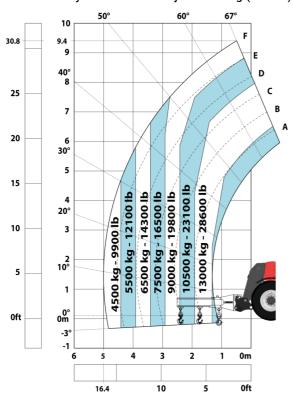
#### Machine on tyres with forks LC 600 mm Metric



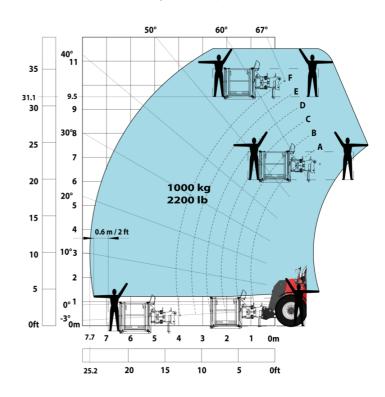
#### Machine on tyres with forks LC 1200 mm Metric

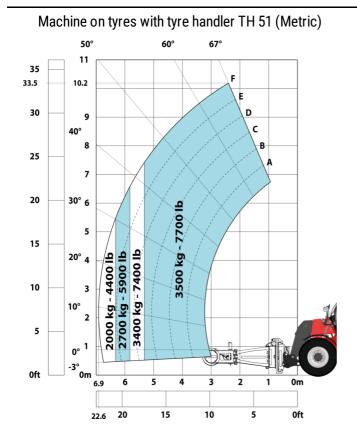


Machine on tyres with 3-hook jib 16000 kg (Metric)

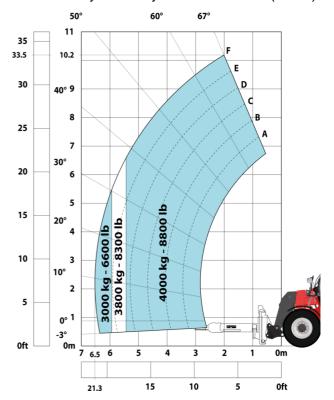


Machine on tyres with platform Metric





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



## **Mining Specifications**

MHT 10160 ST5





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