Technical sheet:

MHT 10160 ST5

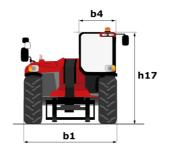


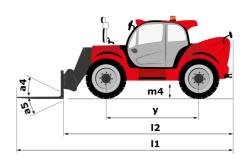


	MHT 10160 ST5 Created on July 31, 2025 at 8:31 AM
Capacities	Metric
Max. capacity	16000 kg
Load center of gravity	c 600 mm
Max. lifting height	9.60 m
Maximum outreach	5.20 m
Weight and dimensions	
Overall length	I1 7.35 m
Unladen weight (with forks)	20710 kg
Ground clearance	m4 0.43 m
Wheelbase	y 3.37 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-up angle	
Tilt-down angle	a5 104°
External turning radius (over tyres)	Wa1 5.20 m
Forks length / width / section	I / e / s 1200 mm x 180 mm x 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 brand	Yanmar
Engine norm	Stage V, Tier 4
Engine model	4TN107FTT-6SMU1
Number of cylinders / Capacity of cylinders	4 - 4567 cm³
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	30 km/h
Parking brake	Automatic negative parking brake
-	Oil-immersed multi-discs braking on front & rea
Service brake	axles
Gradeability (laden / unladen)	32.40 % / 55.40 %
Hydraulics	
Hydraulic pump type	Variable displacement pump
Hydraulic flow - Pressure	172 l/min - 350 bar
Tank capacities	
Engine oil	13
Fuel tank	315 I
Diesel Exhaust fluid (AdBlue® type)	241
Noise and vibration	
Noise to environment (LwA)	108 dB
Vibration on hands/arms	< 2.50 m/s ²
Miscellaneous	< 2.50 III/S*
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Cab certification	Cabin ROPS - FOPS level 2
Controls Attachment recognition custom (F. Bose)	JSM
Attachment recognition system (E-Reco)	Standard

MHT 10160 ST5 - Dimensional drawing

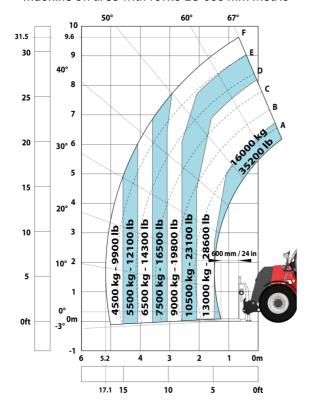




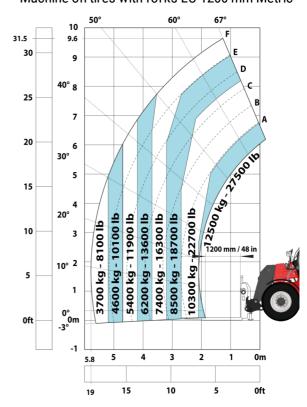


MHT 10160 ST5 - Load chart

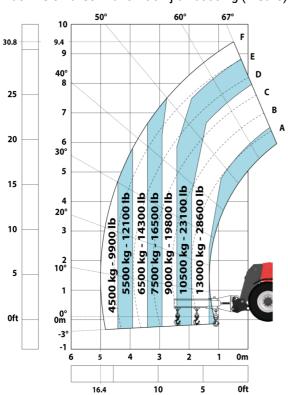
Machine on tires with forks LC 600 mm Metric



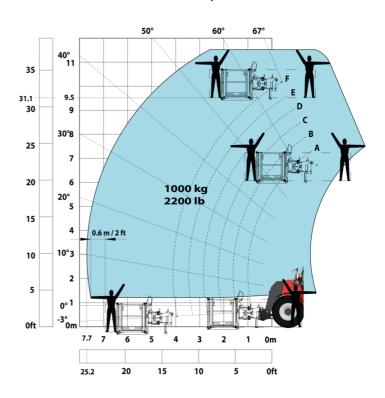
Machine on tires with forks LC 1200 mm Metric



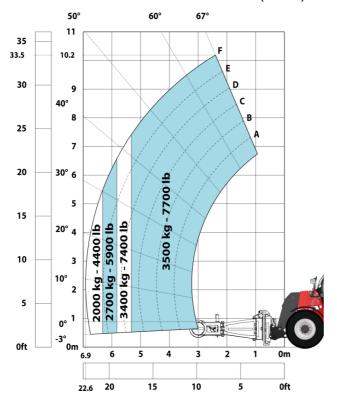
Machine on tires with 3-hook jib 16000 kg (Metric)



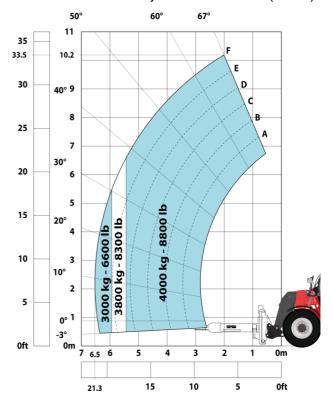
Machine on tires with platform Metric



Machine on tires with tire handler TH 51 (Metric)



Machine on tires with cylinder handler CH 4 (Metric)







Head Office

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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