Technical sheet:

MHT-X 10160 ST3A

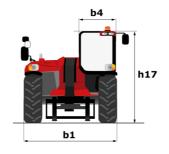


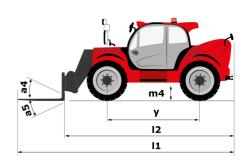


	MHT-X 10160 ST3A Created on 4 May 2024 at 4:26:02 PI
Capacities	Metric
Max. capacity	16000 kg
Load center of gravity	c 600 mm
Max. lifting height	9.60 m
Max. outreach	5.20 m
Weight and dimensions	
Overall length	l1 7.35 m
Unladen weight (with forks)	21500 kg
Ground clearance	m4 0.43 m
Wheelbase	y 3.37 m
Length to face of forks	12 6.15 m
Overall width	b1 2.48 m
	h17 2.99 m
Overall height	
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 brand	Yanmar
Engine norm	Stage IIIA
Engine model	4TN107TT-6SMU1
Number of cylinders / Capacity of cylinders	4 - 4567 cm ³
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
	12 V
Battery voltage	
Drawbar pull Transition	11770 daN
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 & 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	13
Hydraulic oil	290 1
Fuel tank	315 I
Noise and vibration	
Noise at driving position (LpA)	75 dB
Noise to environment (LwA)	73 UB 108 dB
Vibration on hands/arms	
	< 2.50 m/s²
Miscellaneous Cofety on homologation	none ropolemia est
Safety cab homologation	ROPS - FOPS level 2 cab
Controls	JSM
Attachment recognition system (E-Reco)	Standard

MHT-X 10160 ST3A - Dimensional drawing

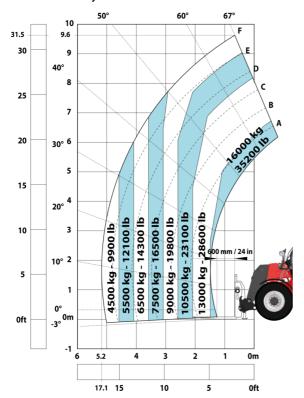




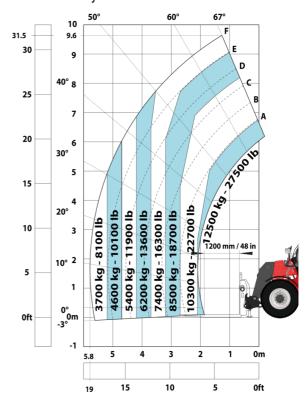


MHT-X 10160 ST3A - Load chart

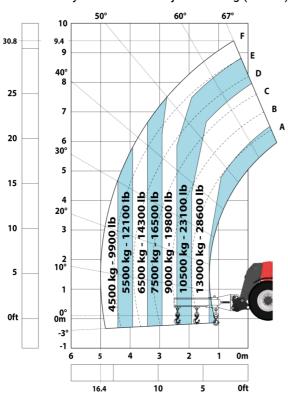
Machine on tyres with forks LC 600 mm Metric



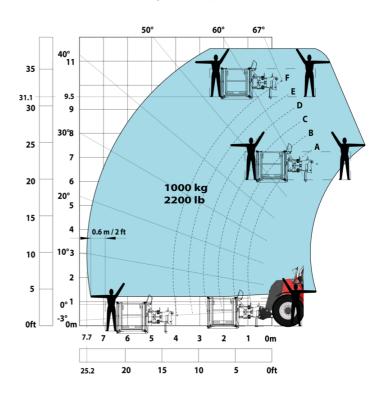
Machine on tyres with forks LC 1200 mm Metric

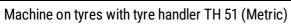


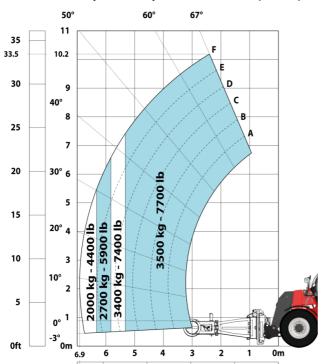
Machine on tyres with 3-hook jib 16000 kg (Metric)



Machine on tyres with platform Metric







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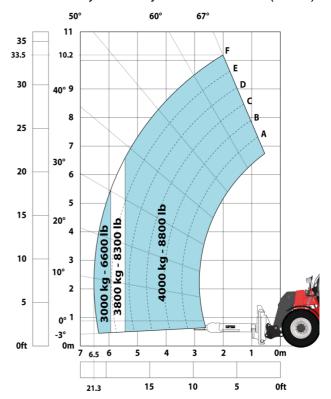
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Machine on tyres with cylinder handler CH 4 (Metric)







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