Technical sheet :

# **MHT-X 10160 ST3A**

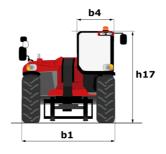


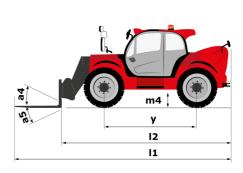


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Capacities		Metric	
Max. capacity	1	6000 kg	
Load center of gravity	c	500 mm	
Max. lifting height		9.60 m	
Max. outreach		5.20 m	
Weight and dimensions			
Overall length	11	7.35 m	
Unladen weight (with forks)	2	1500 kg	
Ground clearance	m4	0.43 m	
Wheelbase	у	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 °	
Tilt-up angle	a4	12 °	
External turning radius (over tyres)	Wa1	5.20 m	
Forks length / width / section	l/e/s 1200 mm x	: 180 mm / 75 mm	
Frame leveling corrector	a9	9 °	
Wheels			
Standard tires		7,5-R25	
Number of front wheels / rear wheels		2/2	
Drive wheels (front / rear)		2/2	
Steering mode	2 wheel steer. 4	2 wheel steer, 4 wheel steer, Crab mode	
Engine			
Engine brand		Yanmar	
Engine norm		tage IIIA	
Engine model		07TT-6SMU1	
Number of cylinders / Capacity of cylinders		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	1.	11770 daN	
Transmission			
Transmission type		drostatic	
Number of gears (forward / reverse)	1,	2/2	
Max. travel speed		27 2 25 km/h	
Parking brake		Automatic negative parking brake	
		Oil-immersed multi-discs braking on front & rear	
Service brake	on minersed man	axles	
Gradeability (laden / unladen)	32.40	% / 55.40 %	
Hydraulics			
Hydraulic pump type	Variable di	splacement pump	
Hydraulic flow - Pressure		min - 350 bar	
Tank capacities			
Engine oil		13	
Hydraulic oil		290	
Fuel tank		315 I	
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			
Safety cab homologation		OPS level 2 cab	
Controls	KUF3 - F	JSM	
		0.0141	

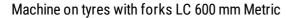
## MHT-X 10160 ST3A - Dimensional drawing

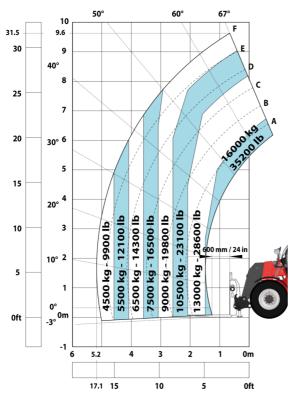




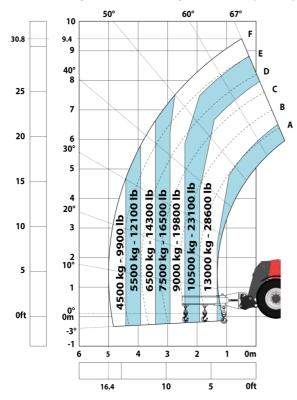


### MHT-X 10160 ST3A - Load chart

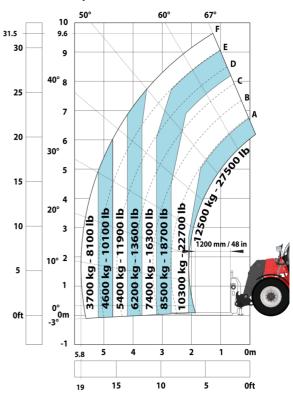




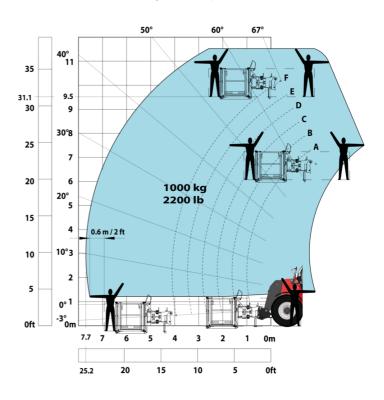
#### Machine on tyres with 3-hook jib 16000 kg (Metric)

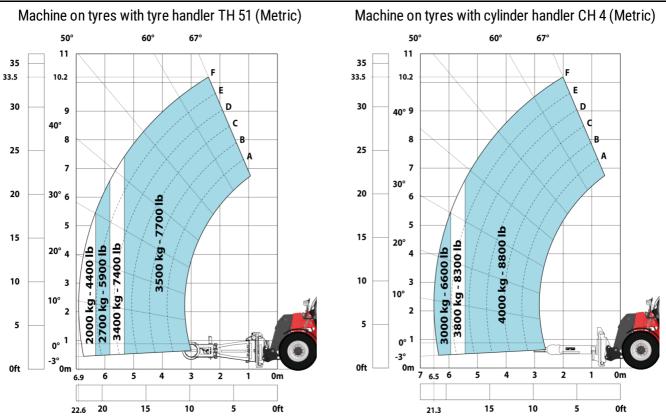


#### Machine on tyres with forks LC 1200 mm Metric



#### Machine on tyres with platform Metric







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