Technical sheet :

## **MHT-X 10160 ST3A**

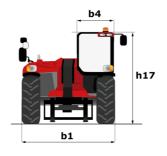


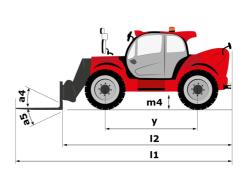


Capacities		Metric
Max. capacity		16000 kg
Load center of gravity	С	600 mm
Max. lifting height		9.60 m
Max. outreach		5.20 m
Weight and dimensions		
Overall length	1	7.35 m
Unladen weight (with forks)		21500 kg
Ground clearance	m4	0.43 m
Wheelbase	у	3.37 m
Length to face of forks	12	6.15 m
Overall width	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	a3 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	a9	, 
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		2 wheel steel, 4 wheel steel, clab mode
Engine brand		Yanmar
-		
Engine norm		Stage IIIA 4TN107TT-6SMU1
Engine model		4 - 4567 cm <sup>3</sup>
Number of cylinders / Capacity of cylinders		
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 brake
Service brake		Oil-immersed multi-discs braking on front & rear 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
Fuel tank		315
Noise and vibration		5151
Noise at driving position (LpA)		75 dB
Noise to environment (LwA)		108 dB
Vise to environment (LWA) Vibration on hands/arms		108 dB < 2.50 m/s <sup>2</sup>
Miscellaneous		< 2.30 III/S*
Miscellaneous Safety cab homologation		
		ROPS - FOPS level 2 cab
Controls		JSM

## MHT-X 10160 ST3A - Dimensional drawing

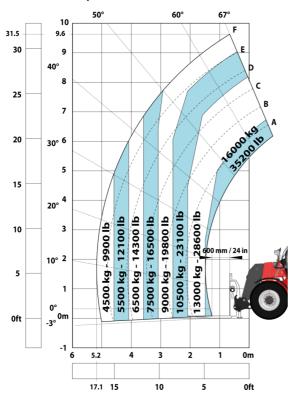




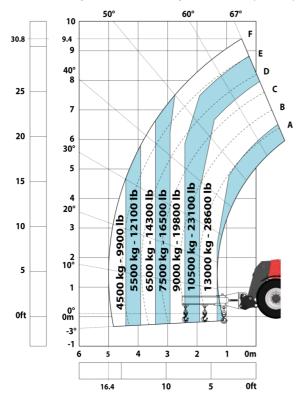


## MHT-X 10160 ST3A - Load chart

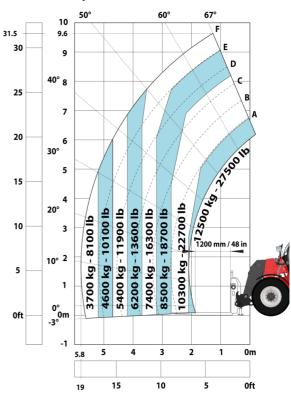
Machine on tyres with forks LC 600 mm Metric



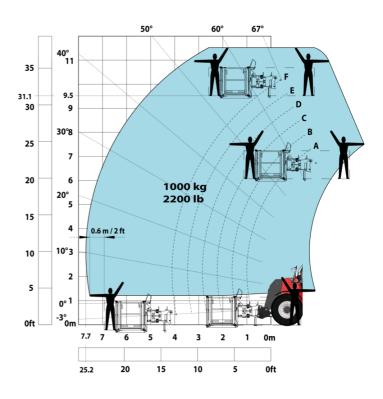
## Machine on tyres with 3-hook jib 16000 kg (Metric)

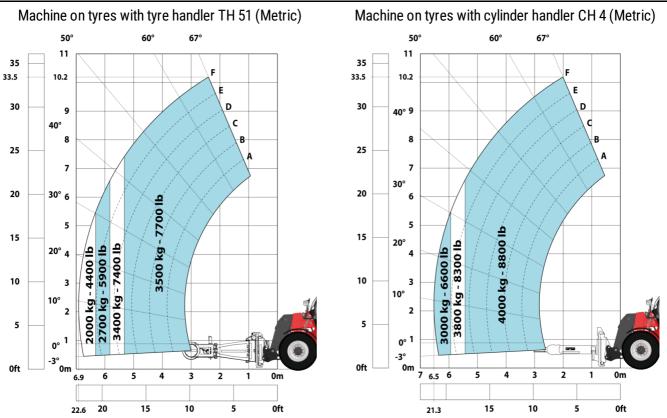


Machine on tyres with forks LC 1200 mm Metric



Machine on tyres with platform Metric







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