Technical sheet :

## **MHT-X 10160 ST3A**

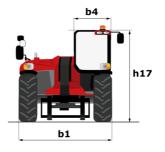


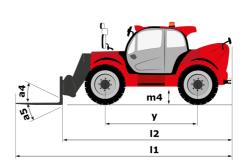


	MHI-X TOTGOSI 3A Greateu UN August 13, 2023 at 12.23 At	
Capacities	Metric	
Max. capacity	16000 kg	
Load center of gravity	c 600 mm	
Max. lifting height	9.60 m	
Maximum outreach	5.20 m	
Weight and dimensions		
Overall length	l1 7.35 m	
Unladen weight (with forks)	21500 kg	
Ground clearance	m4 0.43 m	
Wheelbase	y 3.37 m	
Length to face of forks	l2 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	a4 12 °	
Tilt-down angle	a5 104 °	
External turning radius (over tyres)	Wa1 5.20 m	
Forks length / width / section	l/e/s 1200 mm x 180 mm x 75 mm	
	a9 9°	
Frame leveling corrector Wheels	a7 9	
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	9
Engine	Vienee	
Engine brand	Yanmar	
Engine norm	Stage IIIA	
Engine model	4TN107TF6SMU1	
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	
Service brake	Oil-immersed multi-discs braking on front 8 axles	rear
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	
Fuel tank	3151	
Noise and vibration		
Noise to environment (LwA)	108 dB	
Vibration on hands/arms	< 2.50 m/s <sup>2</sup>	
Noise at driving position (LpA) tested following NF EN 12053 norm	75 dB	
Miscellaneous		
Cab certification	Cabin ROPS - FOPS level 2	
Controls	JSM	
Attachment recognition system (E-Reco)	Standard	

## MHT-X 10160 ST3A - Dimensional drawing

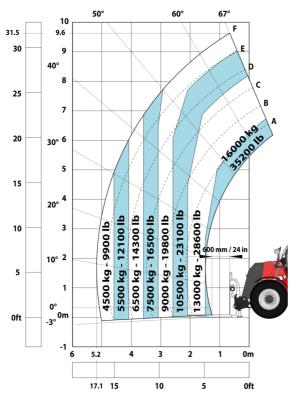




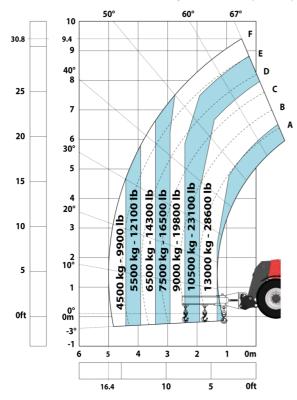


## MHT-X 10160 ST3A - Load chart

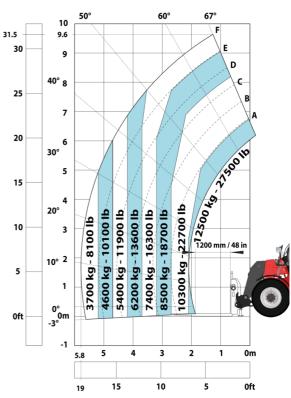




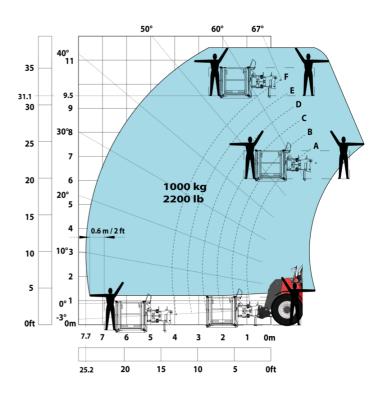
## Machine on tires with 3-hook jib 16000 kg (Metric)

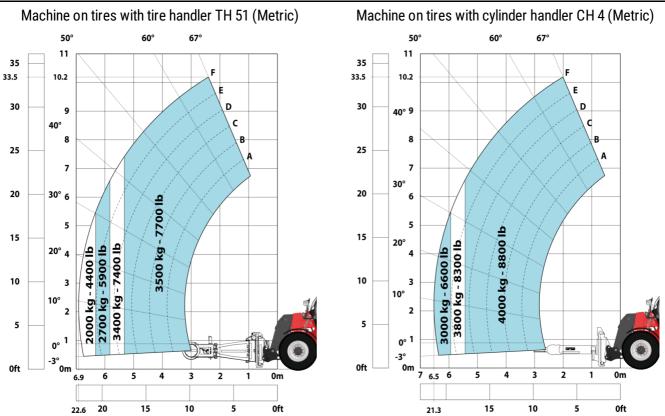


Machine on tires with forks LC 1200 mm Metric



Machine on tires with platform Metric







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