Technical sheet :

# **MHT-X 10160 ST3A**

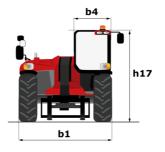


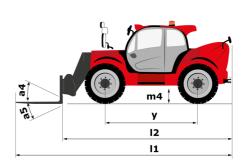


	MAT-X TOTOOSTSA Greated off August 2, 2023 at 1.20 AM
Capacities	Metric
Max. capacity	16000 kg
Load center of gravity	c 600 mm
Max. lifting height	9.60 m
Maximum outreach	5.20 m
Weight and dimensions	
Overall length	l1 7.35 m
Unladen weight (with forks)	21500 kg
Ground clearance	m4 0.43 m
Wheelbase	y 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	
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
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 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 & rea
	axles 32.40 % / 55.40 %
Gradeability (laden / unladen)	32.40 % / 33.40 %
Hydraulics	W-2-11-20-1
Hydraulic pump type	Variable displacement pump
Hydraulic flow - Pressure	185 l/min - 350 bar
Tank capacities	
Engine oil	131
Fuel tank	3151
Noise and vibration	
Noise to environment (LwA)	108 dB
Vibration on hands/arms	< 2.50 m/s²
Noise at driving position (LpA) tested following NF EN 12053 norm	75 dB
Miscellaneous	
Cab certification	Cabin ROPS - FOPS level 2
	Cabin ROPS - FOPS level 2 JSM

## MHT-X 10160 ST3A - Dimensional drawing

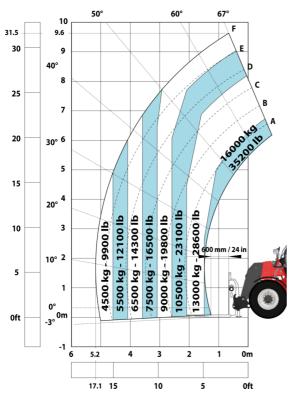




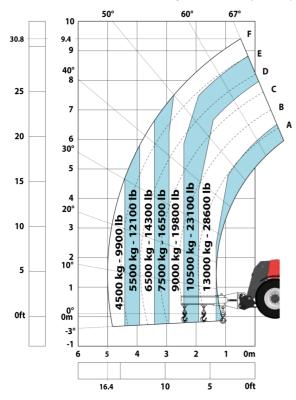


### MHT-X 10160 ST3A - Load chart

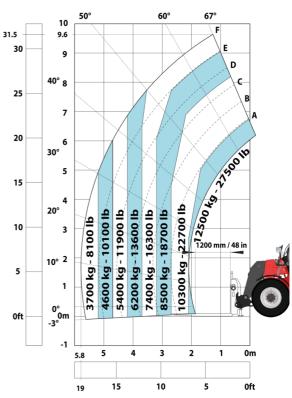




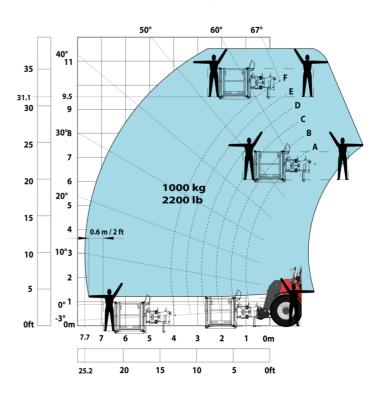
#### Machine on tires with 3-hook jib 16000 kg (Metric)

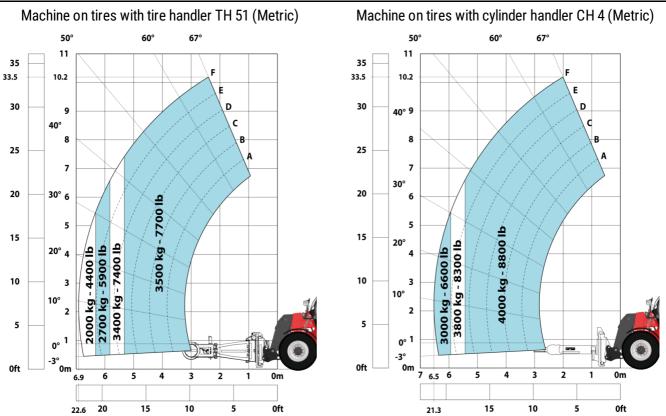


#### Machine on tires with forks LC 1200 mm Metric



#### Machine on tires with platform Metric







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