Technical sheet:

# MHT-X 10160 ST3A

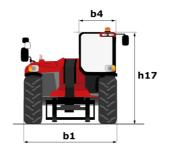


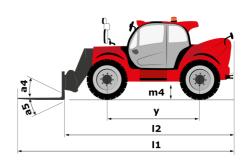


Capacities	Metric
Max. capacity	16000 kg
Load center of gravity	c 600 mm
Max. lifting height	9.60 m
Max. outreach	5.20 m
Weight and dimensions	
Overall length	l1 7.35 m
Unladen weight (with forks)	21500 kg
Ground clearance	m4 0.43 m
Wheelbase	у 3.37 m
Length to face of forks	12 6.15 m
Overall width	b1 2.48 m
Overall height	h17 2.99 m
Overall cab width	b4 0.95 m
	a5 104 °
Tilt-down angle	
Filt-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	47.500
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 <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	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
	Oil-immersed multi-discs braking on front &
Service brake	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	
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	· 2.00 III/ 3
Safety cab homologation	ROPS - FOPS level 2 cab
Controls	JSM
	JSM Standard
Attachment recognition system (E-Reco)	Standard

## MHT-X 10160 ST3A - Dimensional drawing

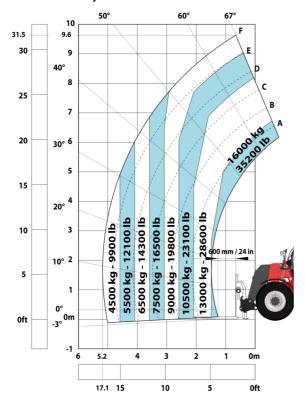




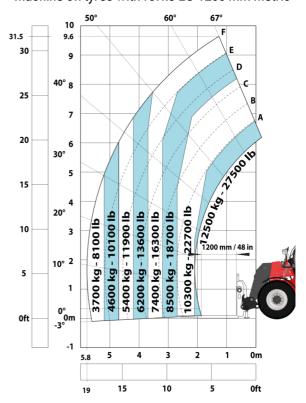


### MHT-X 10160 ST3A - Load chart

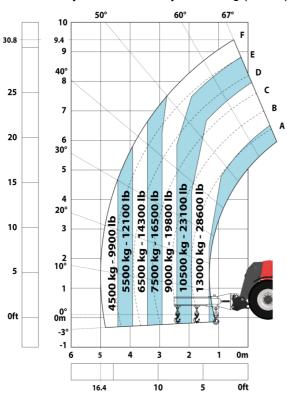
#### Machine on tyres with forks LC 600 mm Metric



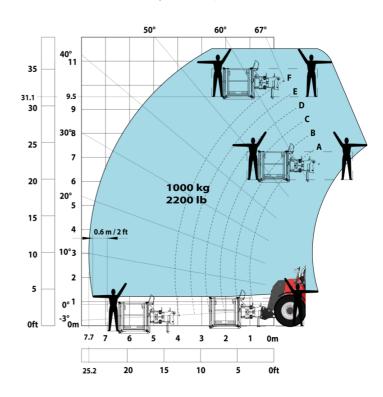
### Machine on tyres with forks LC 1200 mm Metric



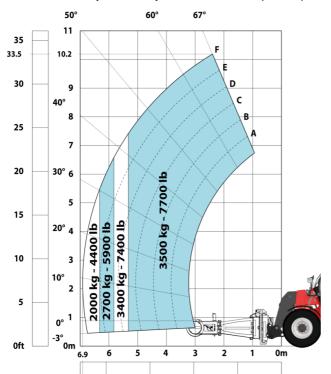
Machine on tyres with 3-hook jib 16000 kg (Metric)



Machine on tyres with platform Metric



Machine on tyres with tyre handler TH 51 (Metric)



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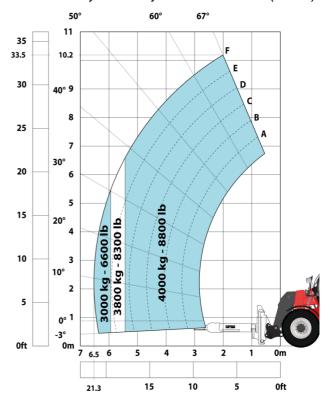
10

5

0ft

22.6 20

Machine on tyres with cylinder handler CH 4 (Metric)







#### **Head Office**

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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