

Technical sheet :

# **MHT-X 10200 ST3A**

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 **MANITOU**  
HANDLING YOUR WORLD

Capacities		Metric
Max. capacity		19999 kg
Load center of gravity	c	600 mm
Max. lifting height		9.70 m
Max. outreach		5.40 m
Weight and dimensions		
Overall length	l1	7.90 m
Unladen weight (with forks)		27090 kg
Ground clearance	m4	0.41 m
Wheelbase	y	3.75 m
Length to face of forks	l2	6.70 m
Overall width	b1	2.58 m
Overall height	h17	2.98 m
Overall cab width	b4	0.95 m
Tilt-up angle	a4	14 °
Tilt-down angle	a5	103 °
External turning radius (over tyres)	Wa1	5.60 m
Forks length / width / section	l / e / s	1200 mm x 200 mm / 80 mm
Frame leveling corrector	a9	10 °
Wheels		
Standard tires		16.00 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 nom		Stage IIIA
Engine model		4TN107TF-6SMU2
Number of cylinders / Capacity of cylinders		4 - 4567 cm³
I.C. Engine power rating / Power		211 Hp / 155 kW
Max. torque / Engine rotation		805 Nm@1500 rpm
Engine cooling system		Water
Number of batteries		2
Battery voltage		12 V
Drawbar pull		18140 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 & rear axles
Gradeability (laden / unladen)		30.50 % / 58.90 %
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		286 l/min - 350 bar
Tank capacities		
Engine oil		13 l
Fuel tank		315 l
Noise and vibration		
Noise to environment (LwA)		109 dB
Vibration on hands/arms		< 2.50 m/s²
Noise at driving position (LpA) tested following NF EN 12053 nom		75 dB
Miscellaneous		
Safety cab homologation		Cabin ROPS - FOPS level 2
Controls		JSM
Attachment recognition system (E-Reco)		Standard

### MHT-X 10200 ST3A - Dimensional drawing

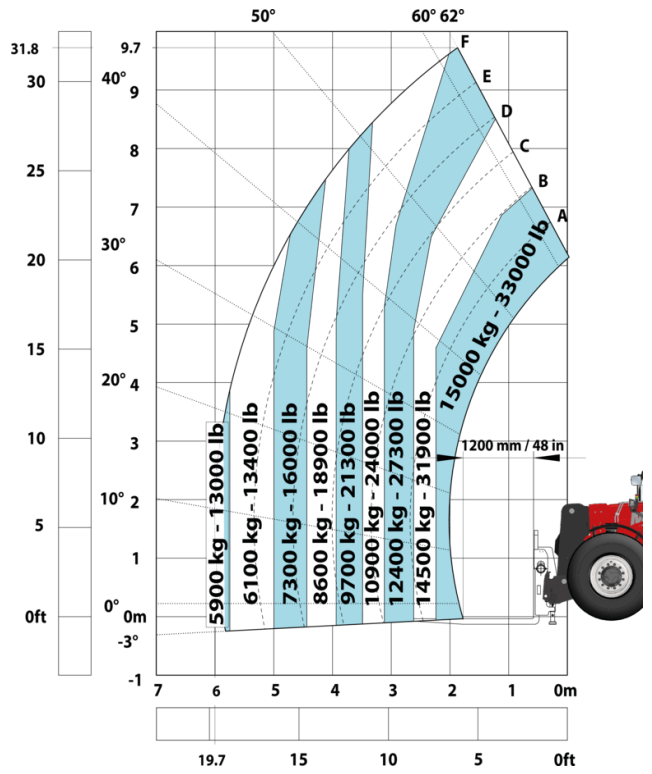


# MHT-X 10200 ST3A - Load chart

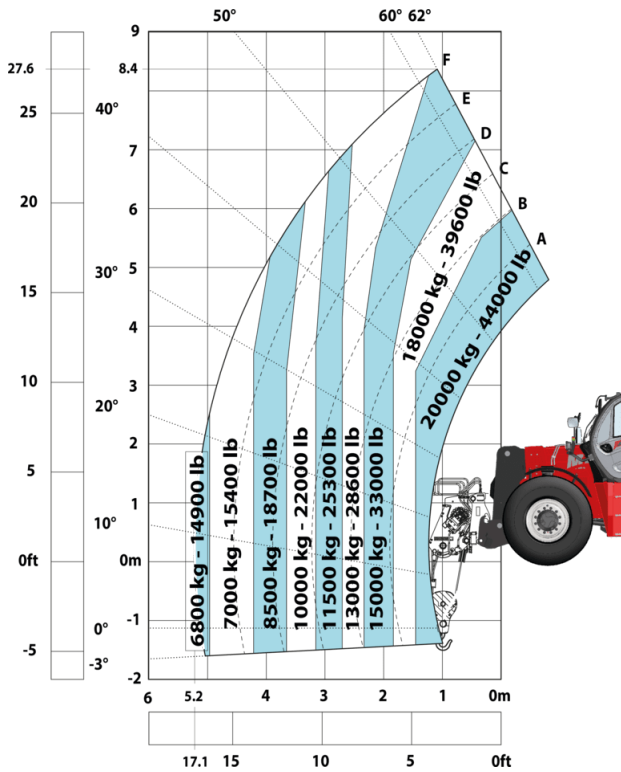
## Machine on tires with forks LC 600 mm Metric



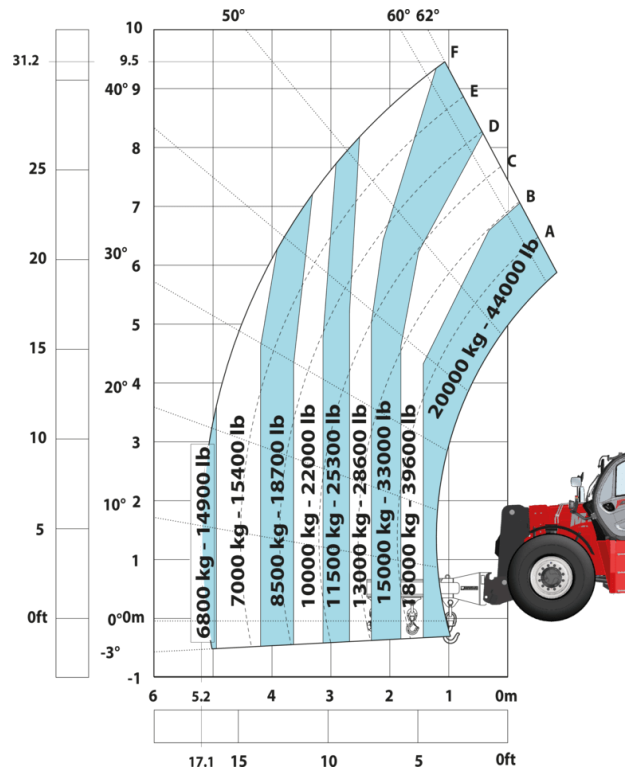
## Machine on tires with forks LC 1200 mm Metric



## Machine on tires with winch 20000 kg (Metric)



## Machine on tires with 3-hook jib 20000 kg (Metric)



Machine on tires with tire handler TH 57 (Metric)



Machine on tires with cylinder handler CH 10 (Metric)





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