

Technical sheet :

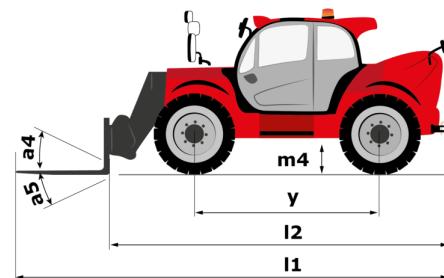
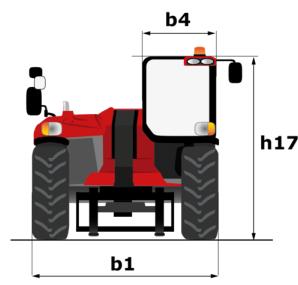
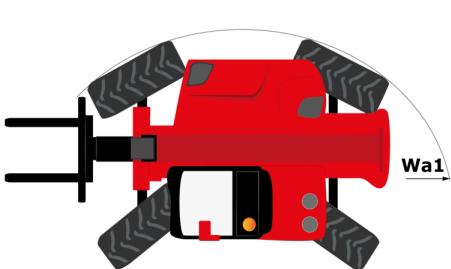
MHT-X 10135 ST3A



 **MANITOU**
HANDLING YOUR WORLD

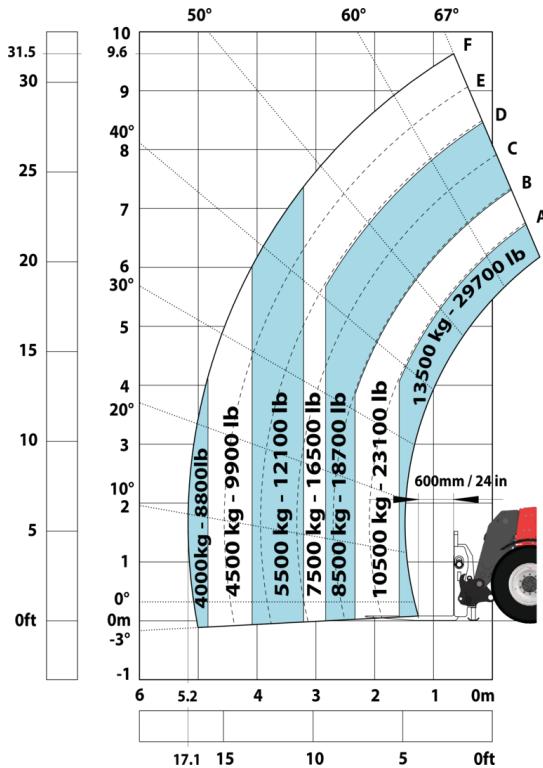
Capacities		Metric	
Max. capacity		13500 kg	
Load center of gravity	c	600 mm	
Max. lifting height		9.60 m	
Maximum outreach		5.20 m	
Weight and dimensions			
Overall length	l1	7.35 m	
Unladen weight (with forks)		19950 kg	
Ground clearance	m4	0.43 m	
Wheelbase	y	3.37 m	
Length to face of forks	l2	6.15 m	
Overall width	b1	2.54 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	5.35 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	
Engine power (Hp / kW)		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		35 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		172 l/min - 350 bar	
Tank capacities			
Engine oil		13 l	
Hydraulic oil		290 l	
Fuel		315 l	
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	
Controls		JSM	
Attachment recognition system (E-Reco)		Standard	

MHT-X 10135 ST3A - Dimensional drawing

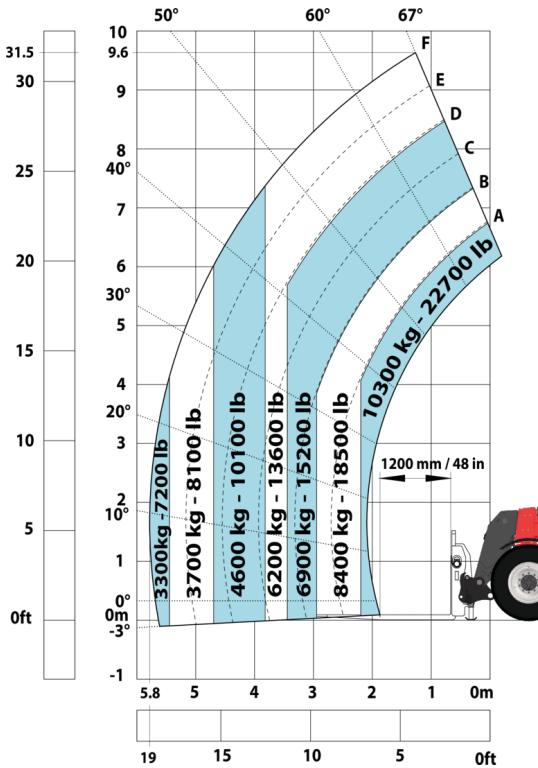


MHT-X 10135 ST3A - Load chart

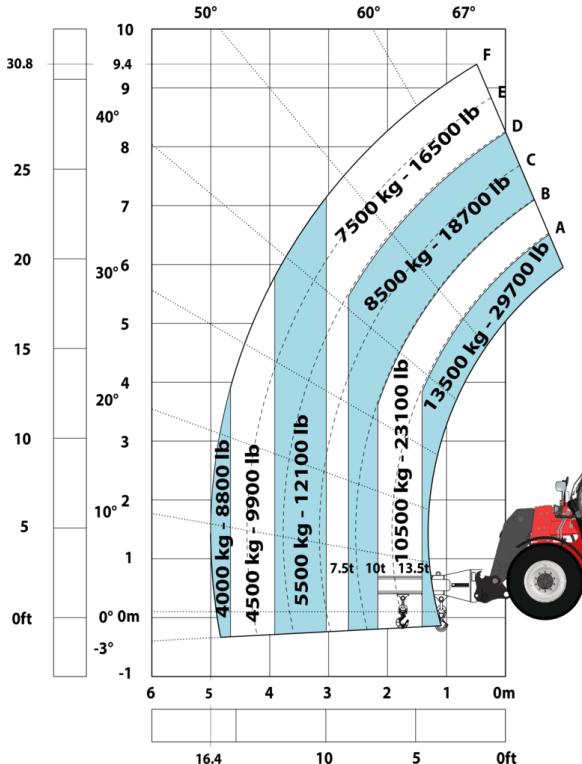
Machine on tires with forks LC 600 mm Metric



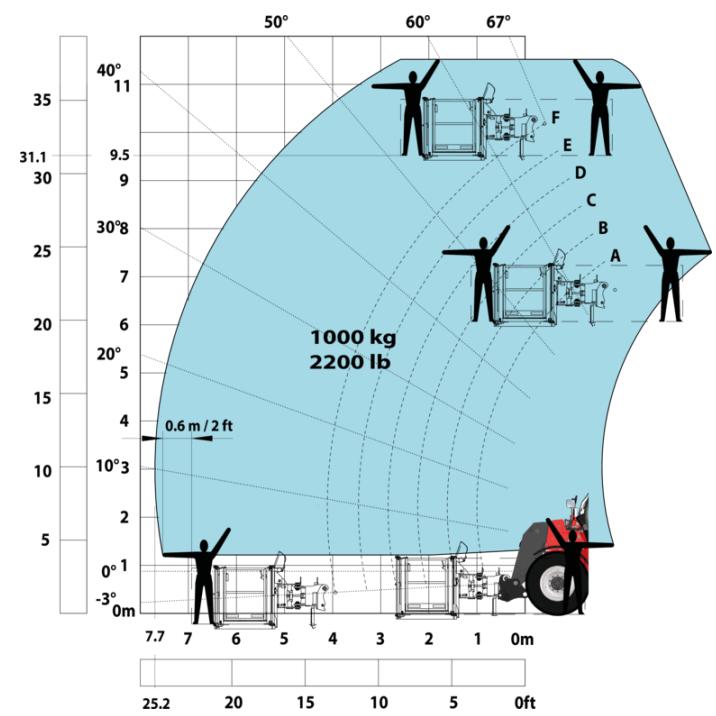
Machine on tires with forks LC 1200 mm Metric



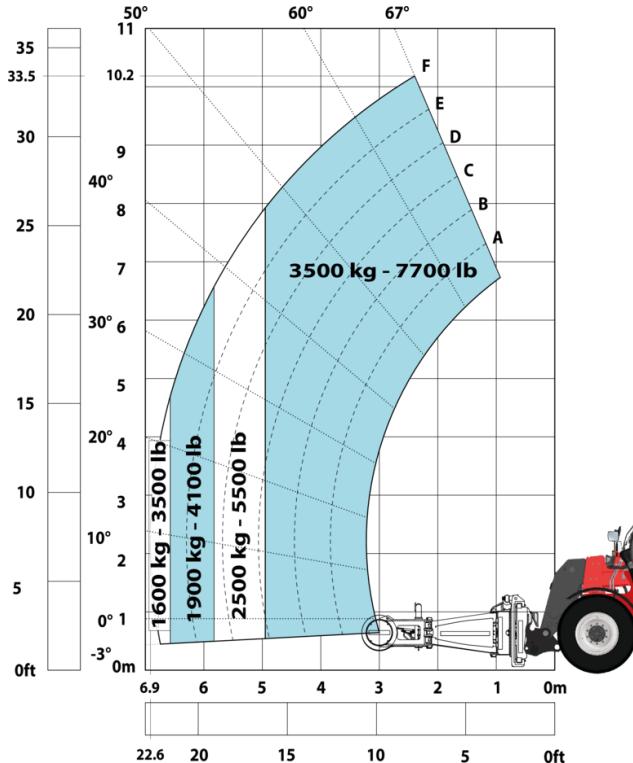
Machine on tires with 3-hook jib 13500 kg (Metric)



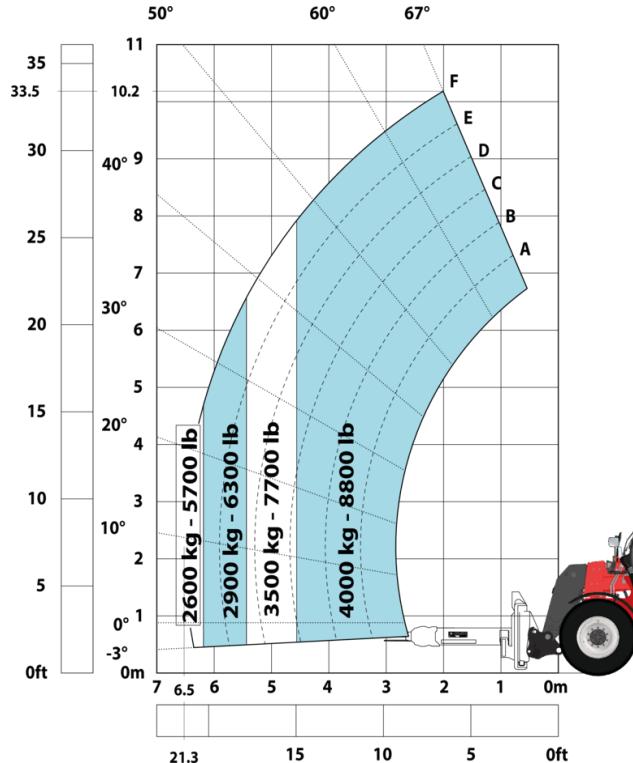
Machine on tires with platform Metric

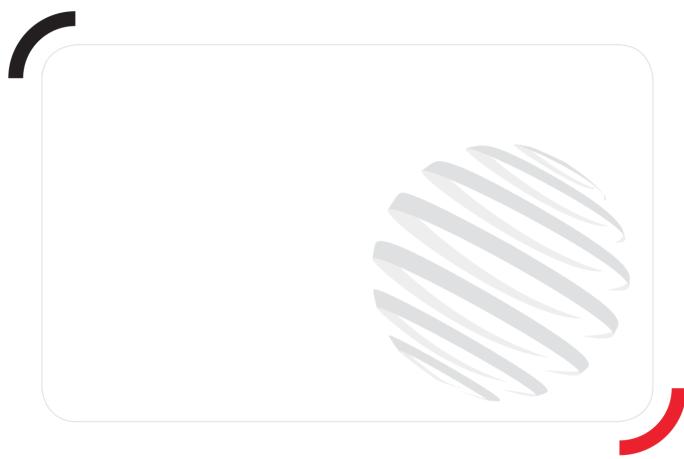


Machine on tires with tire handler TH 51 (Metric)



Machine on tires with cylinder handler CH 4 (Metric)





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