Technical sheet :

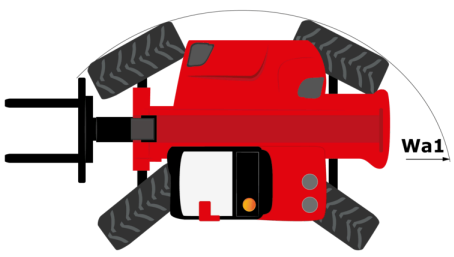
MHT 10200 ST5

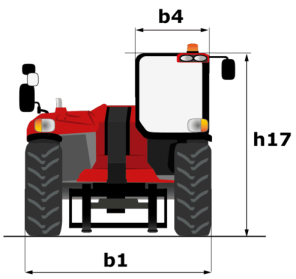


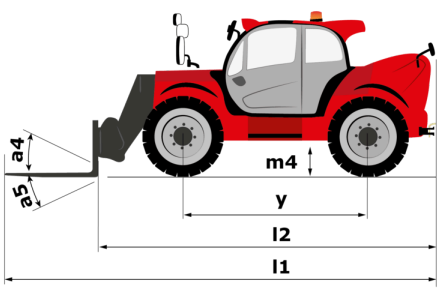
MANITOU
HANDLING YOUR WORLD

Capacities		Imperial
Max. capacity	Q	44090 lb
Load center of gravity	c	24 in
Max. lifting height		31 ft 10 in
Max. outreach		17 ft 9 in
Weight and dimensions		
Overall length	l1	25 ft 11 in
Unladen weight (with forks)		59723 lb
Ground clearance	m4	1 ft 4 in
Wheelbase	y	12 ft 4 in
Length to face of forks	l2	22 ft
Overall width	b1	8 ft 6 in
Overall height	h17	9 ft 9 in
Overall cab width	b4	3 ft 1 in
Tilt-up angle	a4	14 °
Tilt-down angle	a5	103 °
External turning radius (over tyres)	Wa1	18 ft 4 in
Forks length / width / section	l / e / s	47 in x 8 in x 3 in
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 norm		Stage V, Tier 4
Engine model		4TN107FTT-6SMU2
Number of cylinders / Capacity of cylinders		4 - 279 in³
Engine power (Hp / kW)		211 Hp / 155 kW
Max. torque / Engine rotation		594 ft/lbs@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		19 mph
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		76 US gpm - 5076 PSI
Tank capacities		
Engine oil		3 US gal
Hydraulic oil		77 US gal
Fuel tank capacity		83 US gal
Diesel Exhaust fluid (AdBlue® type) tank capacity		6 US gal
Noise and vibration		
Noise to environment (LwA)		109 dB
Vibration on hands/arms		< 8 ft/s²
Miscellaneous		
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM
Attachment recognition system (E-Reco)		Standard

MHT 10200 ST5 - Dimensional drawing

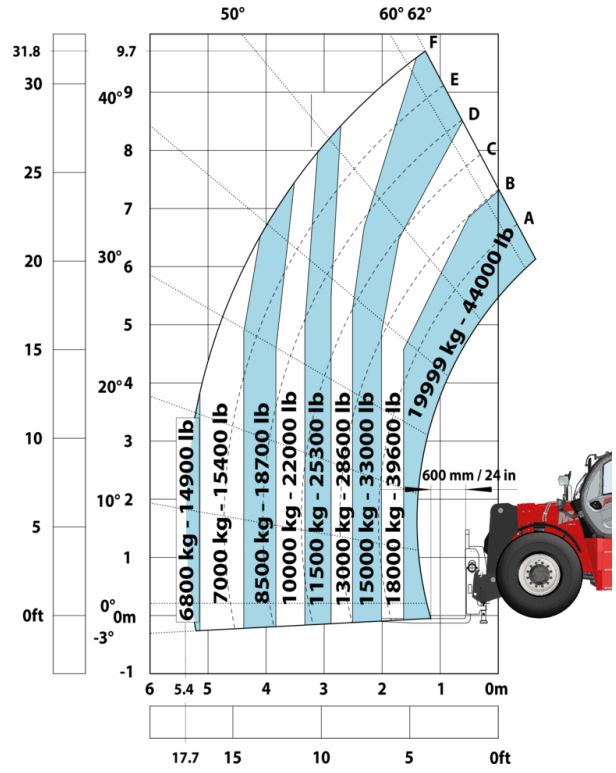




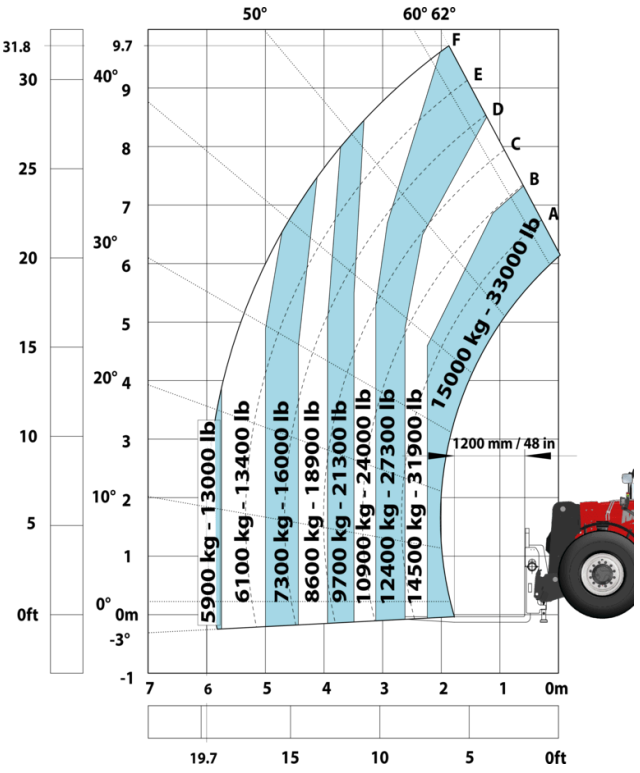


MHT 10200 ST5 - Load chart

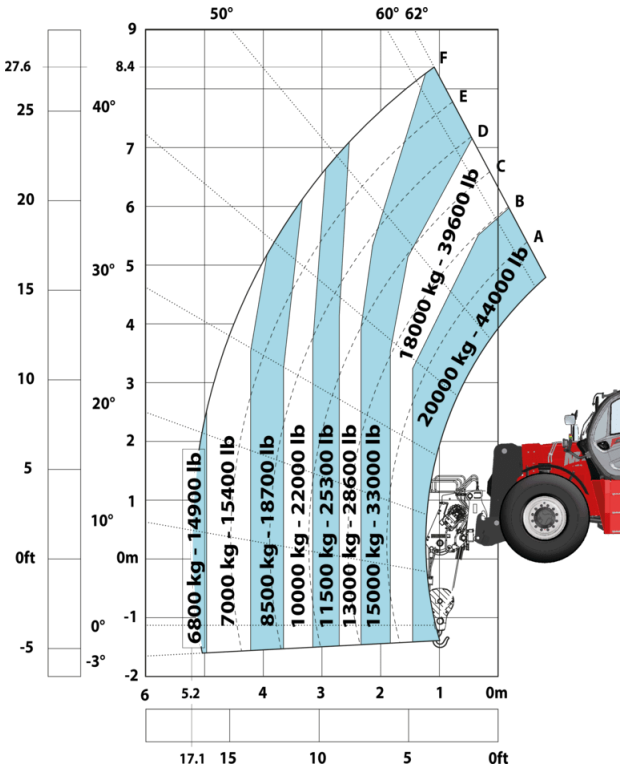
Machine on tires with forks LC 600 mm (Imperial)



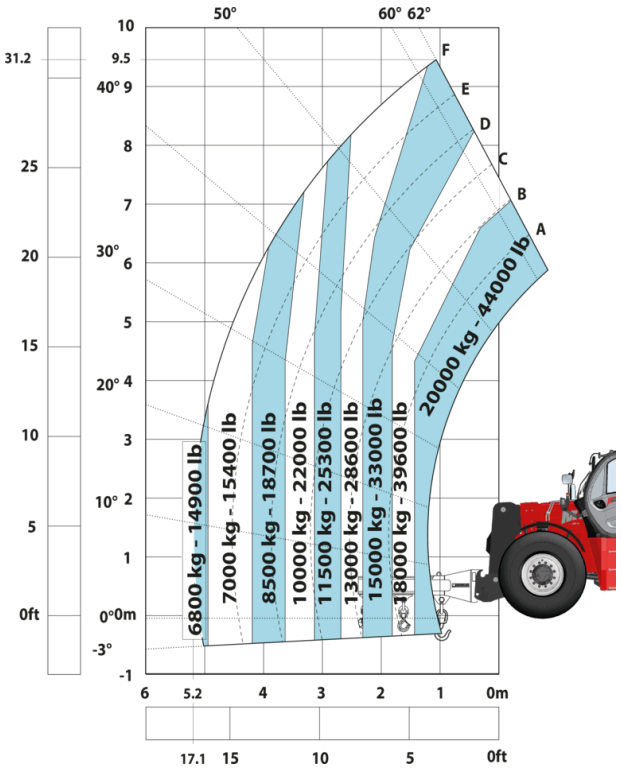
Machine on tires with forks LC 1200 mm Imperial



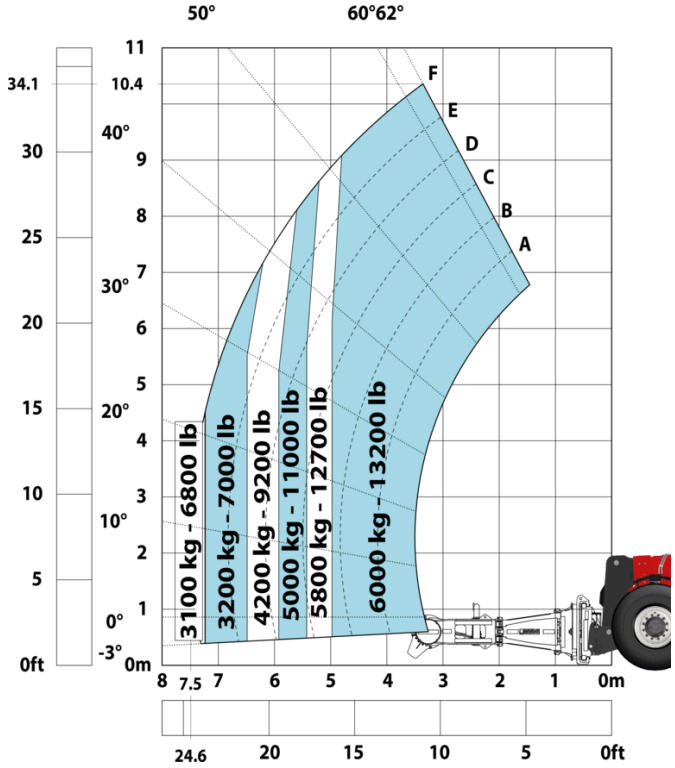
Machine on tires with winch 20000 kg (Imperial)



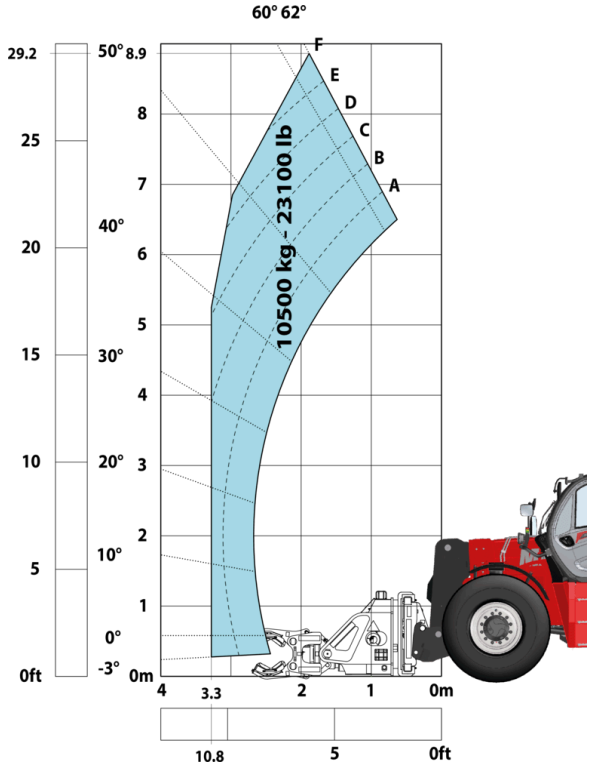
Machine on tires with 3-hook jib 20000 kg (Imperial)



Machine on tires with tire handler TH 57 (Imperial)



Machine on tires with cylinder handler CH 10 (Imperial)



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