Technical sheet :

MRT 2570

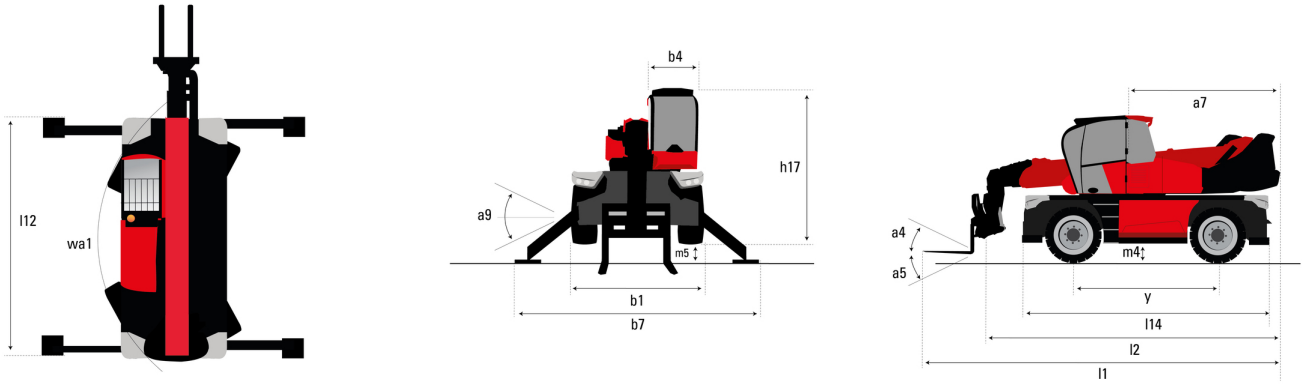
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Capacities		Imperial
Max. capacity		15432 lb
Max. lifting height		81 ft 4 in
Max. outreach		67 ft 3 in
Weight and dimensions		
Overall length (with forks)	l1	29 ft 1 in
Length to face of forks	l2	25 ft 2 in
Overall width	b1	8 ft 2 in
Overall height	h17	10 ft 2 in
Overall cab width	b4	3 ft 2 in
Ground clearance	m4	1 ft 3 in
Wheelbase	y	10 ft 8 in
Tilt-up angle	a4	12 °
Tilt-down angle	a5	110 °
Turret rotation		360 °
Overall weight		46958 lb
Forks length / width / section	l / e / s	47 in x 5 in x 2 in
Wheels		
Standard tyres		445/65 R22,5
Drive wheels (front / rear)		2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
Stabilisers		
Stabs Type		Telescopic Duplex
Controls with stabs		Stabs Commands Individual or Simultaneous
Engine		
Engine brand		Yanmar
Engine norm		Stage V / Tier 4
Engine model		4TN107FTT-6SMU1
I.C. Engine power rating / Power (kW)		173 Hp / 127 kW
Max. torque / Engine rotation (min)		594 ft/lbs @ 1500 rpm
Number of cylinders - Capacity of cylinders		4 - 279 in³
Engine cooling system		Water cooled
Electric circuit		
Number of batteries / Battery voltage		2 x 12 V
12V Battery capacity		120 Ah
Battery starting current		(EN)850 A
Transmission		
Transmission type		Hydrostatic with Speedshift
Gearbox / Number of gears (forward) / Number of gears (reverse)		Speedshift / 2 / 2
Max. travel speed		25 mi/h
Drawbar pull		9200 daN
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Performances		
Gradeability (laden / unladen)		32.40 % / 41.40 %
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow		49 US gpm
Hydraulic Pressure		5076 PSI
Tank capacities		
Engine oil		3 US gal
Hydraulic oil		79 US gal
Fuel tank		85 US gal
Diesel Exhaust fluid (AdBlue® type)		6 US gal
Noise and vibration		
Noise at driving position (LpA)		67 dB
Environmental noise (LwA)		108 dB
Vibration to whole hand/arm		< 2.50 m/s²
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Controls		2 Joysticks
Safety cab homologation		Cabin ROPS - FOPS Level 2
Attachment recognition system (E-Reco)		Standard

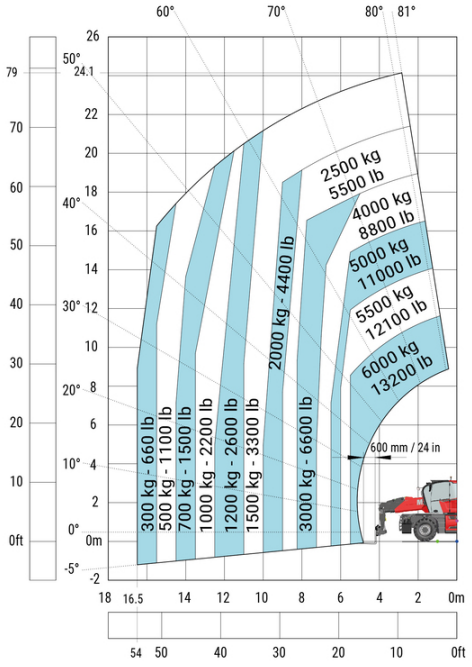
MRT 2570 - Dimensional drawing



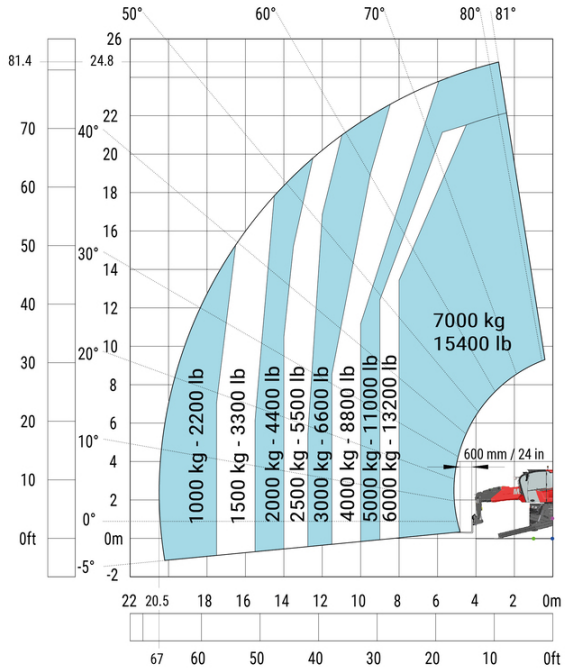
Other data		Imperial
Length of frame	l14	19 ft 5 in
Wheelbase	y	10 ft 8 in
Ground clearance	m4	1 ft 3 in
Counterweight offset (turret at 90°)	a7	11 ft 4 in
Tilt-up angle	a4	12 °
Tilt-down angle	a5	110 °
Overall length at stabilisers	l12	18 ft 5 in
External turning radius (over tyres)	Wa1	15 ft 2 in
Overall width with stabilisers extended	b7	19 ft 10 in
Overall height	h17	10 ft 2 in
Frame levelling corrector	a9	+/- 7 °
Ground clearance under front tires on stabilizers	m5	1 ft 6 in

MRT 2570 - Load chart

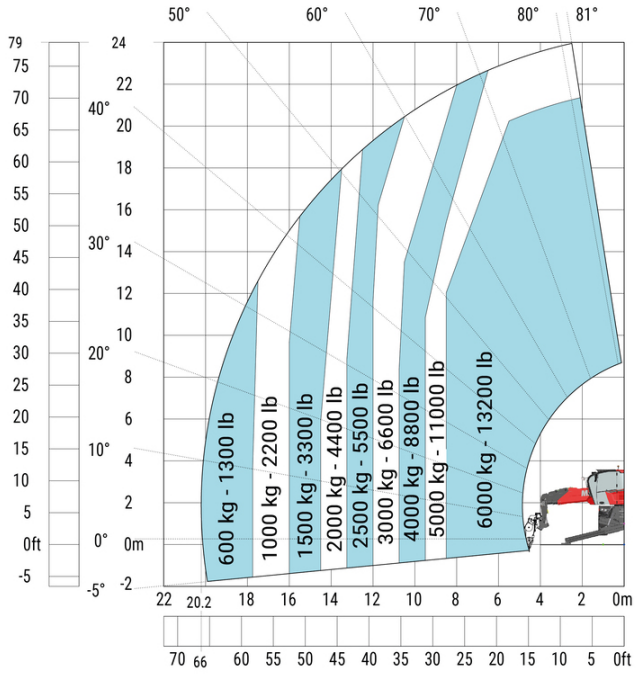
Machine on tyres with forks Imperial



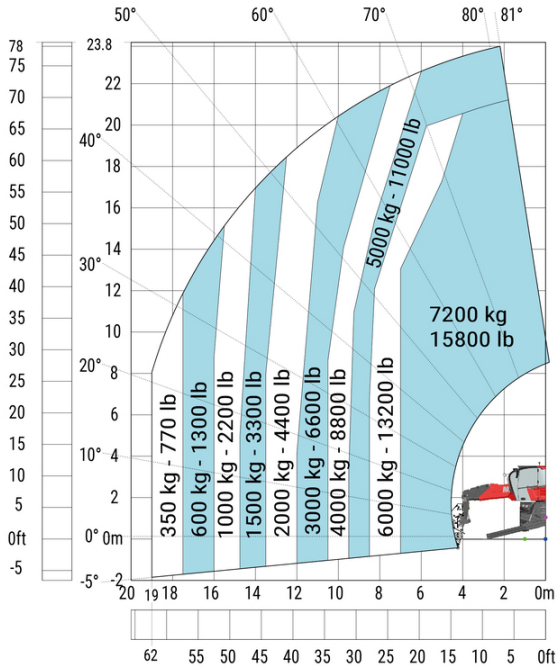
Machine on lowered stabilisers with forks Imperial



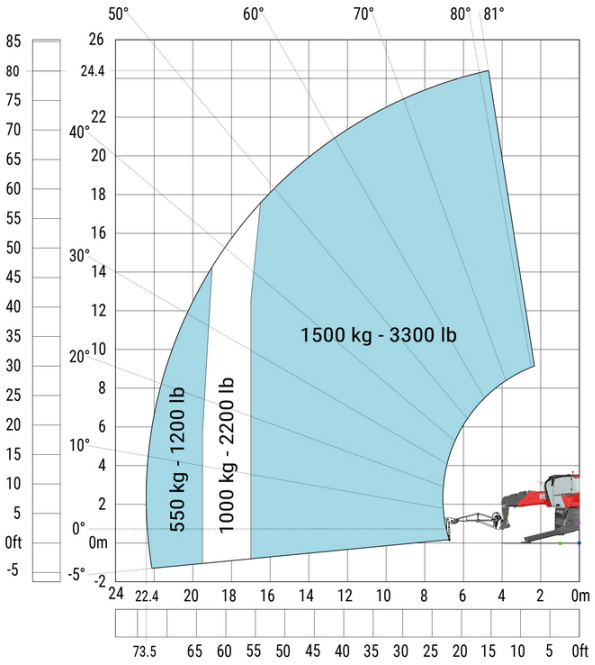
Machine on lowered stabilisers with winch 6000 kg (Imperial)



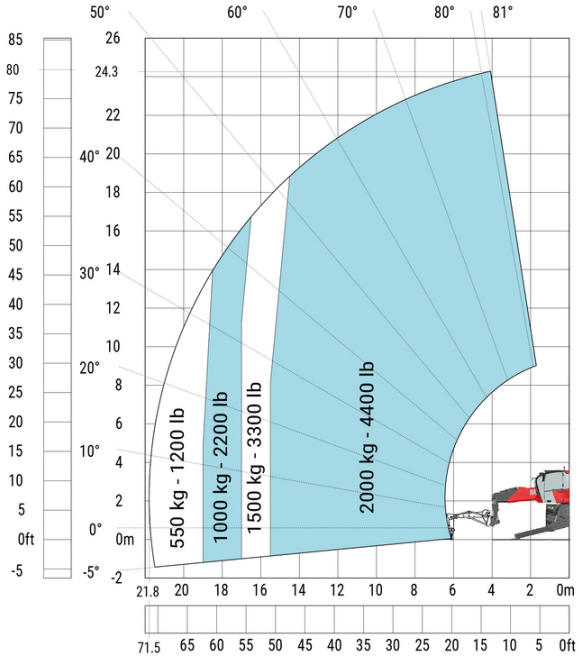
Machine on lowered stabilisers with winch 7200 kg (Imperial)



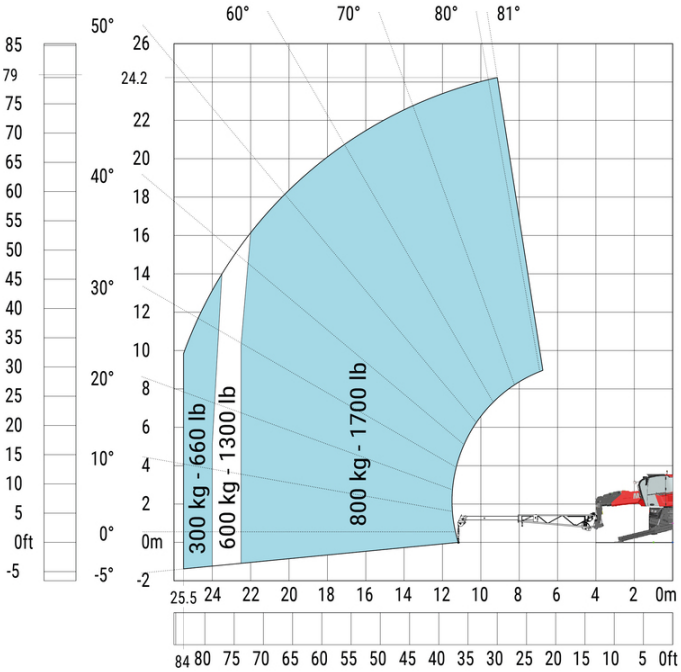
Machine on lowered stabilisers with 1500 kg jib Imperial



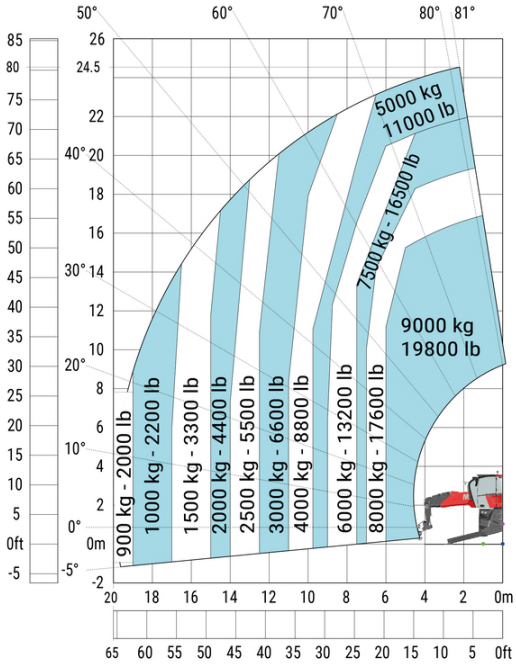
Machine on lowered stabilisers with 2000 kg jib (Imperial)



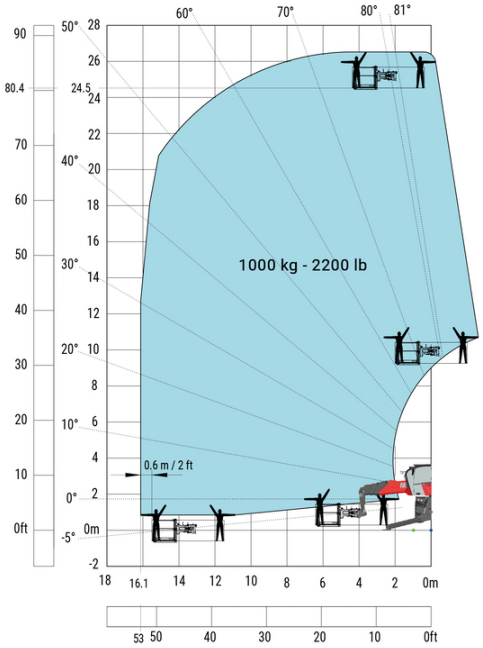
Machine on lowered stabilisers with extensible jib with winch (Imperial)



Machine on lowered stabilisers with hook 9000 kg (Imperial)



Machine on lowered stabilisers with 1000 kg platform Imperial



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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