

Technical sheet :

MRT 2660

VISION +



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric	Imperial
Max. capacity		6000 kg	13228 lb
Max. lifting height		25.90 m	85 ft
Max. outreach		21.70 m	71 ft 2 in
Weight and dimensions			
Overall length (with forks)	l1	9.28 m	30 ft 5 in
Length to face of forks	l2	8.08 m	26 ft 6 in
Overall width	b1	2.50 m	8 ft 2 in
Overall height	h17	3.10 m	10 ft 2 in
Overall cab width	b4	0.96 m	3 ft 2 in
Ground clearance	m4	0.38 m	1 ft 3 in
Wheelbase	y	3.05 m	10 ft
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	110 °	110 °
Turret rotation		360 °	360 °
Overall weight		18000 kg	39683 lb
Forks length / width / section	l / e / s	1200 mm x 100 mm x 60 mm	47 in x 4 in x 2 in
Wheels			
Standard tires		445/65 R22,5	445/65 R22,5
Drive wheels (front / rear)		2 / 2	2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode	2 wheel steer, 4 wheel steer, Crab mode
Stabilisers			
Stabs Type		Telescopic Duplex	Telescopic Duplex
Controls with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneous
Engine			
Engine brand		Yanmar	Yanmar
Engine nom		Stage V / Tier 4	Stage V / Tier 4
Engine model		4TN107FHT-6SMU1	4TN107FHT-6SMU1
I.C. Engine power rating / Power		156 Hp / 115 kW	156 Hp / 115 kW
Max. torque / Engine rotation (min)		602 Nm @ 1500 rpm	444 ft/lbs @ 1500 rpm
Number of cylinders - Capacity of cylinders		4 - 4567 cm³	4 - 279 in³
Engine cooling system		Water cooled	Water cooled
Electric circuit			
Number of batteries / Battery voltage		2 x 12 V	2 x 12 V
12V Battery capacity		120 Ah	120 Ah
Battery starting current		(EN)850 A	(EN)850 A
Transmission			
Transmission type		Hydrostatic	Hydrostatic
Gearbox / Number of gears (forward) / Number of gears (reverse)		Speedshift / 2 / 2	Speedshift / 2 / 2
Max. travel speed		40 km/h	25 mph
Drawbar pull		8600 daN	8600 daN
Parking brake		Automatic negative parking brake	Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles	Oil-immersed multi-discs braking on front & rear axles
Performances			
Gradeability (laden / unladen)		40.40 % / 45.50 %	40.40 % / 45.50 %
Hydraulics			
Hydraulic pump type		Variable displacement pump	Variable displacement pump
Hydraulic flow		185 l/min	49 US gpm
Hydraulic Pressure		350 bar	5076 PSI
Tank capacities			
Engine oil		13 l	3 US gal
Hydraulic oil		260 l	69 US gal
Fuel tank		270 l	71 US gal
Diesel Exhaust fluid (AdBlue® type)		24 l	6 US gal
Noise and vibration			
Noise at driving position (LpA)		68 dB	68 dB
Environmental noise (LwA)		108 dB	108 dB
Vibration to whole hand/arm		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Steering wheels (front / rear)		2 / 2	2 / 2
Controls		2 Joysticks	2 Joysticks
Safety cab homologation		ROPS - FOPS level 2 cab	ROPS - FOPS level 2 cab
Attachment recognition system (E-Reco)		Standard	Standard

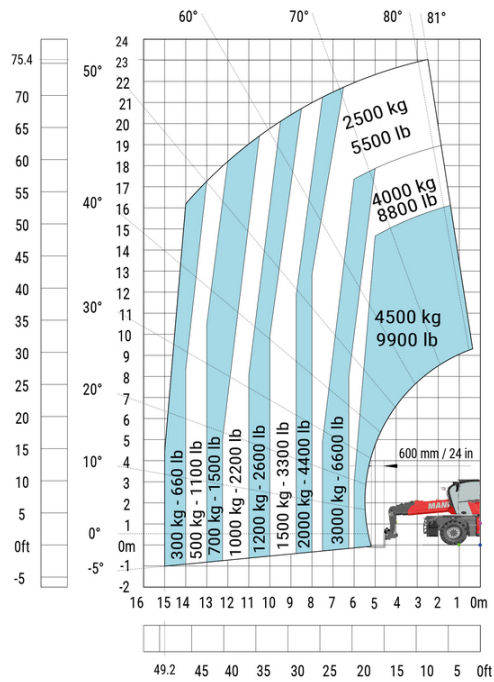
MRT 2660 - Dimensional drawing



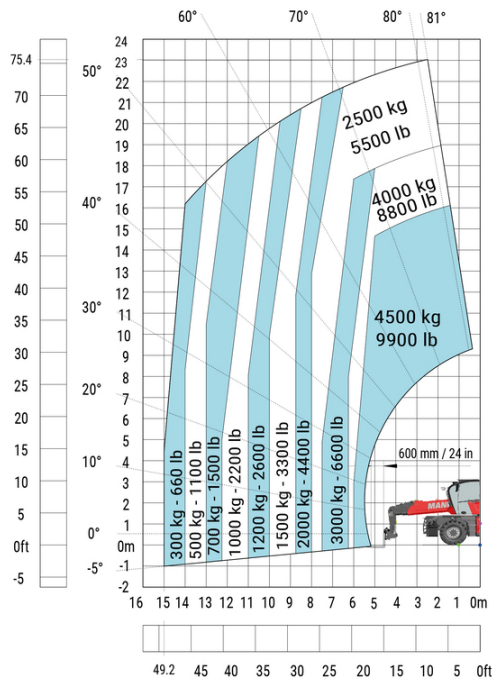
Other data		Metric	Imperial
Length of frame	l14	5.69 m	18 ft 8 in
Wheelbase	y	3.05 m	10 ft
Ground clearance	m4	0.38 m	1 ft 3 in
Counterweight offset (turret at 90°)	a7	3.37 m	11 ft 1 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	110 °	110 °
Overall length at stabilisers	l12	5.30 m	17 ft 5 in
External turning radius (over tyres)	Wa1	4.46 m	14 ft 8 in
Overall width with stabilisers extended	b7	5.79 m	19 ft
Overall height	h17	3.10 m	10 ft 2 in
Frame leveling corrector	a9	+/- 7 °	+/- 7 °
Ground clearance under front tires on stabilizers	m5	0.43 m	1 ft 5 in

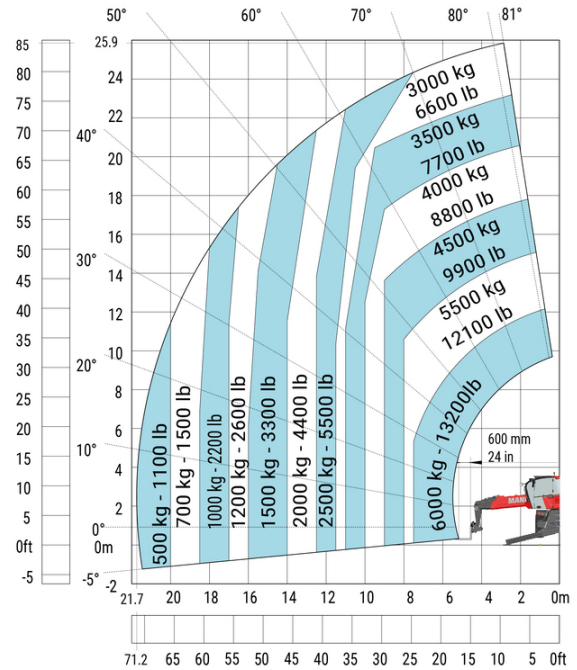
MRT 2660 - Load chart

Machine on tyres with forks Metric

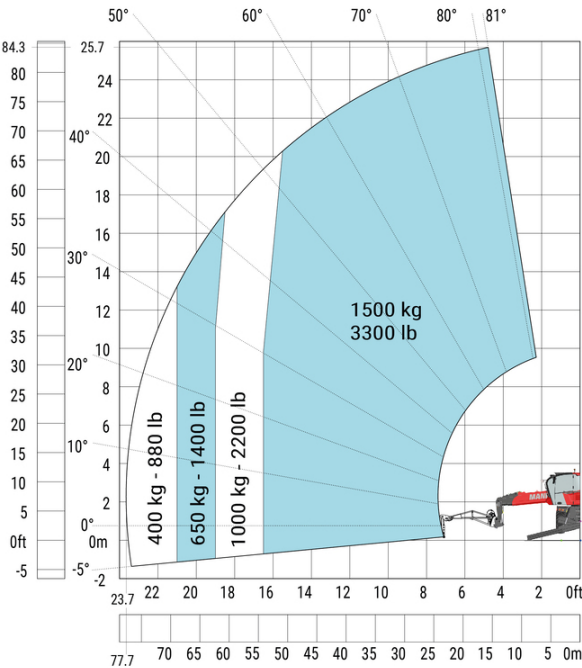


Machine on tyres with forks Imperial

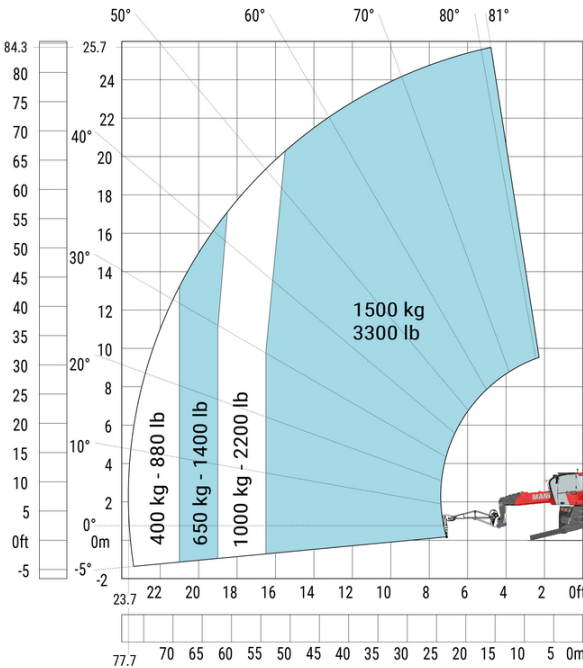




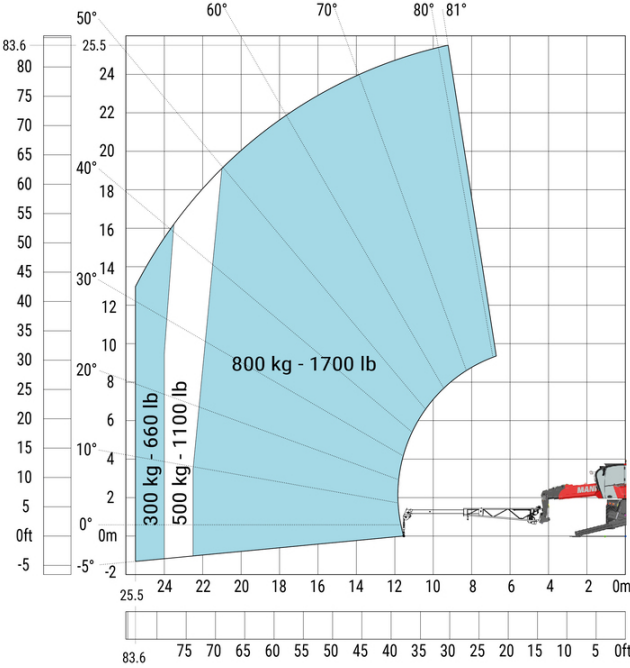
Machine on lowered stabilisers with 1500 kg jib with winch (Metric)



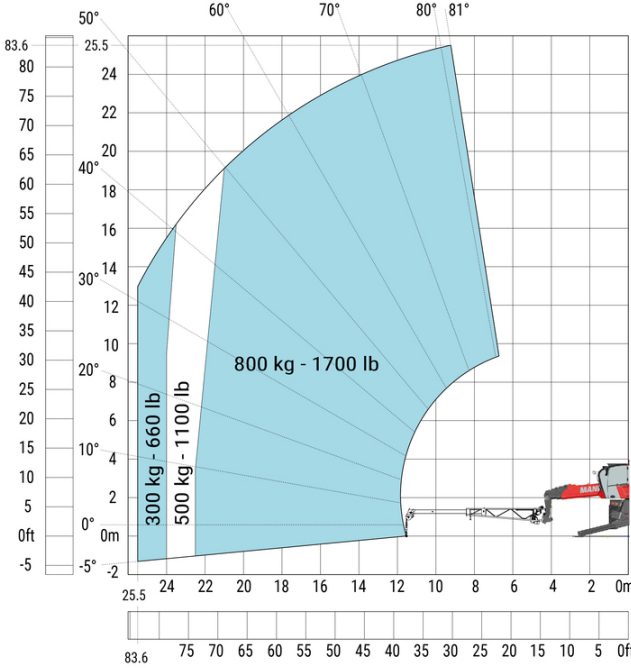
Machine on lowered stabilisers with 1500 kg jib with winch (Imperial)



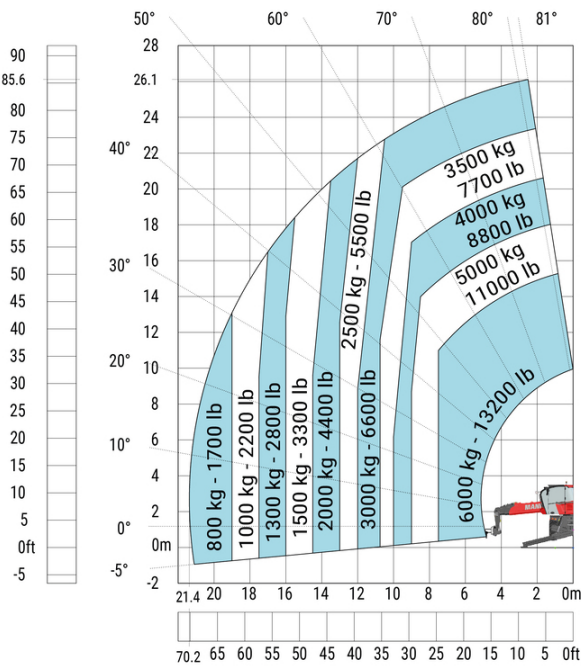
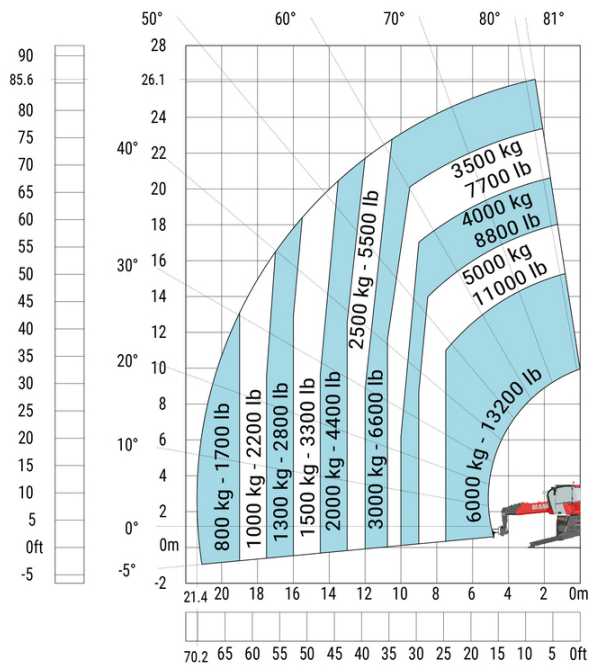
Machine on lowered stabilisers with extensible jib with winch (Metric)



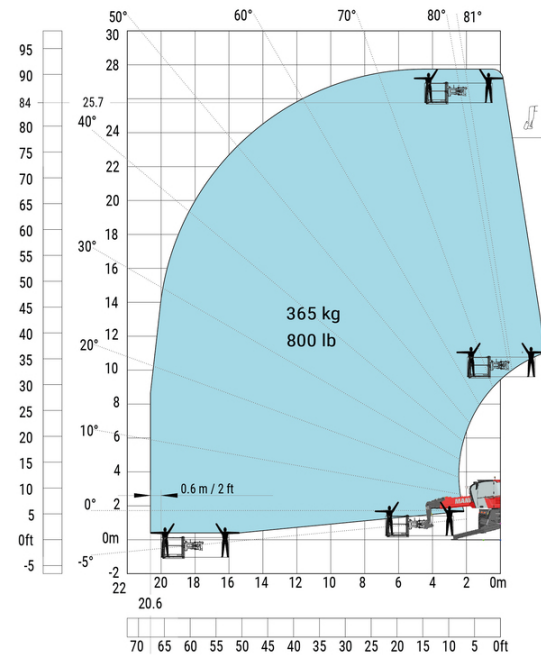
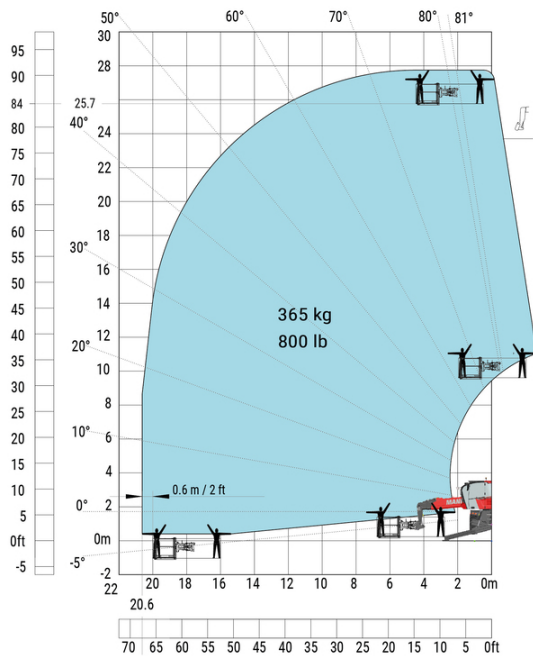
Machine on lowered stabilisers with extensible jib with winch (Imperial)



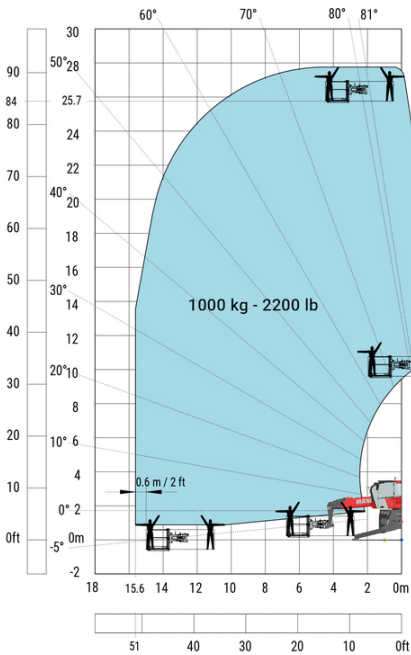
Machine on lowered stabilisers with hook 6000 kg (Metric) Machine on lowered stabilisers with hook 6000 kg (Imperial)



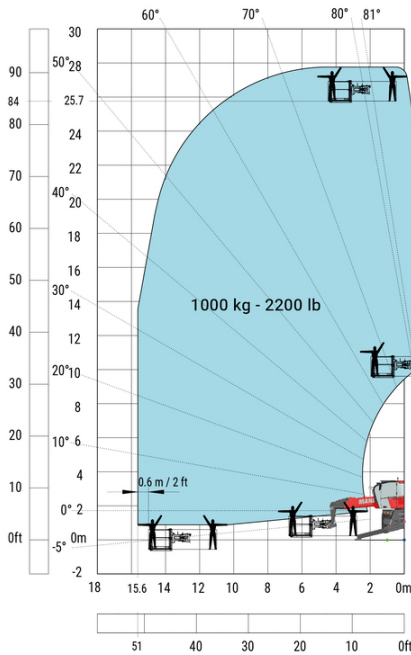
Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 365 kg platform Imperial



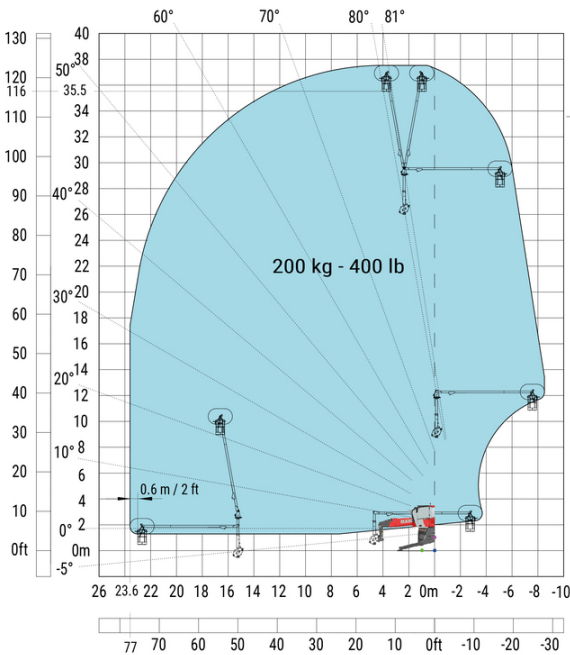
Machine on lowered stabilisers with 1000 kg platform
Metric



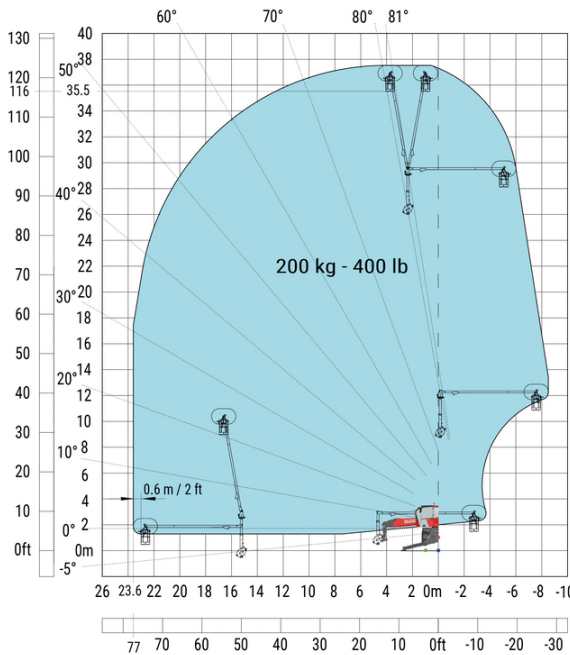
Machine on lowered stabilisers with 1000 kg platform
Imperial



Machine on lowered stabilisers with 3D positive Metric

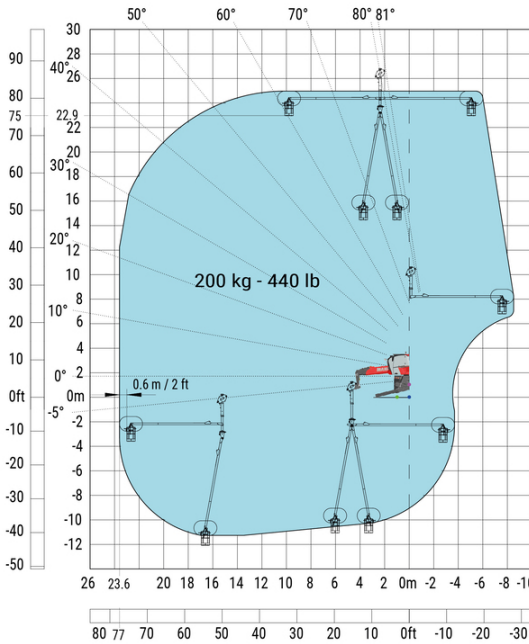
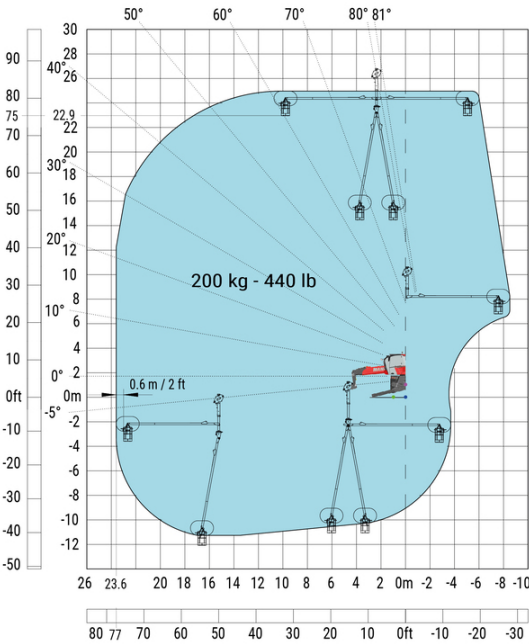


Machine on lowered stabilisers with 3D positive Imperial



Machine on lowered stabilisers with 3D positive / negative
Metric

Machine on lowered stabilisers with 3D positive / negative
Imperial





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