

Technical sheet :

# MRT 2145 115

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**VISION**



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Capacities		Imperial
Max. capacity		9921 lb
Max. lifting height		67 ft 7 in
Maximum outreach		59 ft 1 in
Weight and dimensions		
Overall length (with forks)	l1	26 ft
Length to face of forks	l2	22 ft 1 in
Overall width	b1	8 ft 2 in
Overall height	h17	10 ft
Overall cab width	b4	3 ft 2 in
Ground clearance	m4	1 ft 3 in
Wheelbase	y	8 ft 11 in
Tilt-up angle	a4	10 °
Tilt-down angle	a5	107 °
Turret rotation / rotation (Max.)		360 ° or 400 °
Overall weight		32849 lb
Forks length / width / section	l / e / s	47 in x 5 in x 2 in
Wheels		
Standard tires		18-19,5
Drive wheels (front / rear)		2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
Stabilisers		
Stabilizers Type		Spider Type
Controls with stabs		Stabs Commands Individual or Simultaneous
Engine		
Engine brand		Deutz
Engine norm		Stage V, Tier 4
Engine model		TCD 3.6 L4
I.C. Engine power rating / Power / Engine rotation		116 Hp / 85 kW @ 2200 rpm
Max. torque / Engine rotation (min)		339 ft/lbs @ 1600 rpm
Number of cylinders - Capacity of cylinders		4 - 221 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
Number of gears (forward / reverse)		2 / 2
Max. travel speed		25 mph
Drawbar pull		9700 daN
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Performances		
Gradeability (laden / unladen)		48.70 % / 49.80 %
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow		31 US gpm
Hydraulic Pressure		3989 PSI
Tank capacities		
Engine oil		3 US gal
Fuel tank		35 US gal
Diesel Exhaust fluid (AdBlue® type)		3 US gal
Noise and vibration		
Noise at driving position (LpA)		68 dB
Noise to environment (LwA)		106 dB
Vibration on hands/arms		< 8 ft/s²
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Controls		2 Joysticks
Cab certification		Cabin ROPS - FOPS level 2
Attachment recognition system (E-Reco)		Standard

MRT 2145 115 - Dimensional drawing

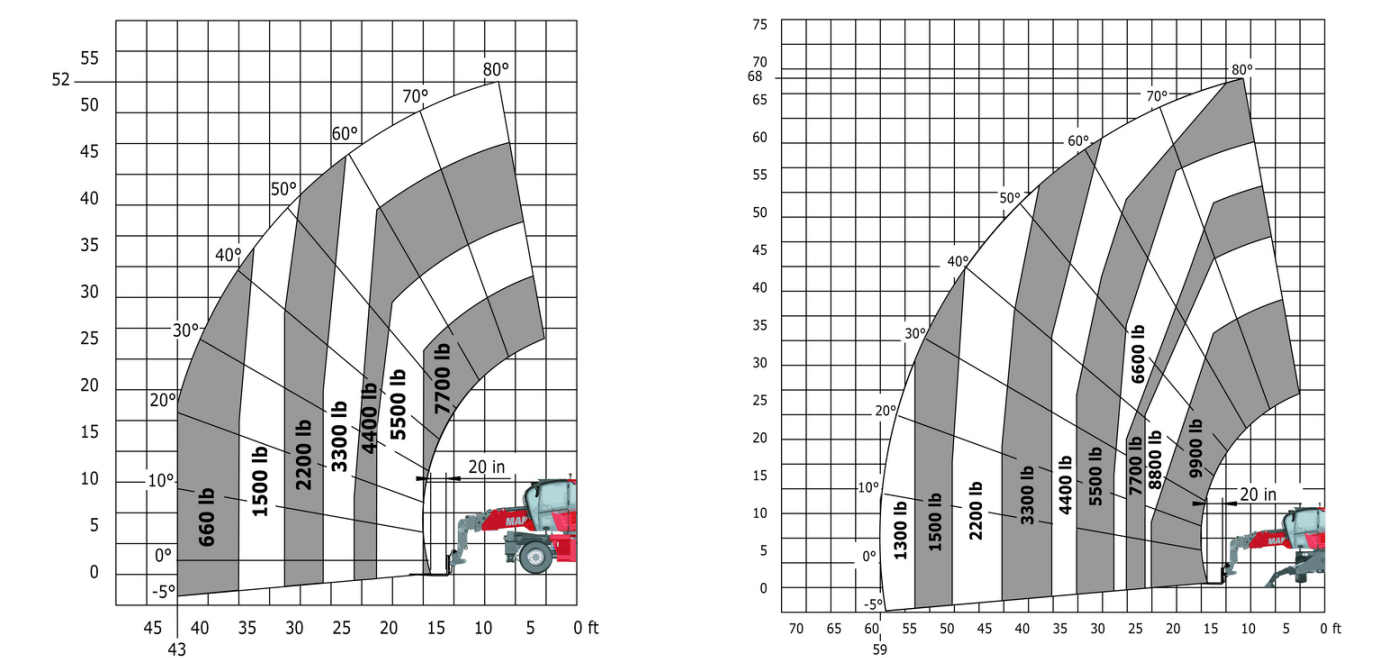


Other data		Imperial
Length of frame	$l14$	16 ft 4 in
Wheelbase	$y$	8 ft 11 in
Ground clearance	$m4$	1 ft 3 in
Counterweight offset (turret at 90°)	$a7$	8 ft 2 in
Tilt-up angle	$a4$	10 °
Tilt-down angle	$a5$	107 °
Overall length at stabilizers	$l12$	15 ft 5 in
External turning radius (over tyres)	$Wa1$	13 ft 8 in
Overall width with stabilizers extended	$b7$	16 ft 4 in
Overall height	$h17$	10 ft
Ground clearance under front tires on stabilizers	$m5$	7 in

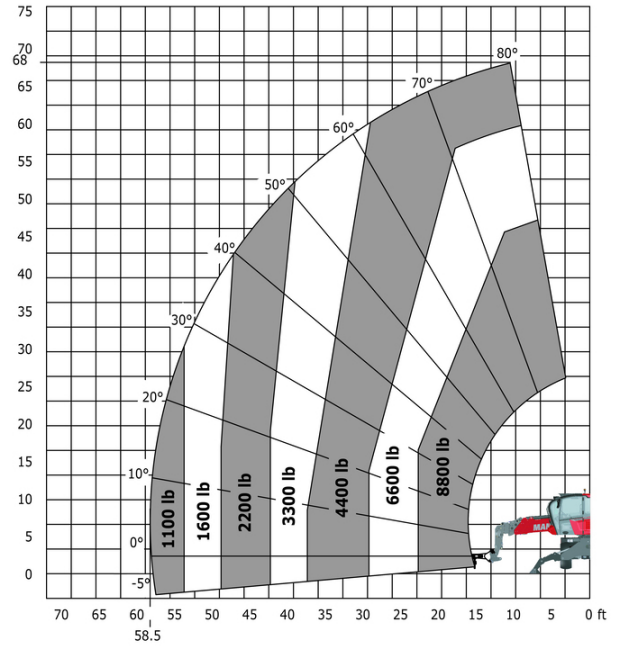
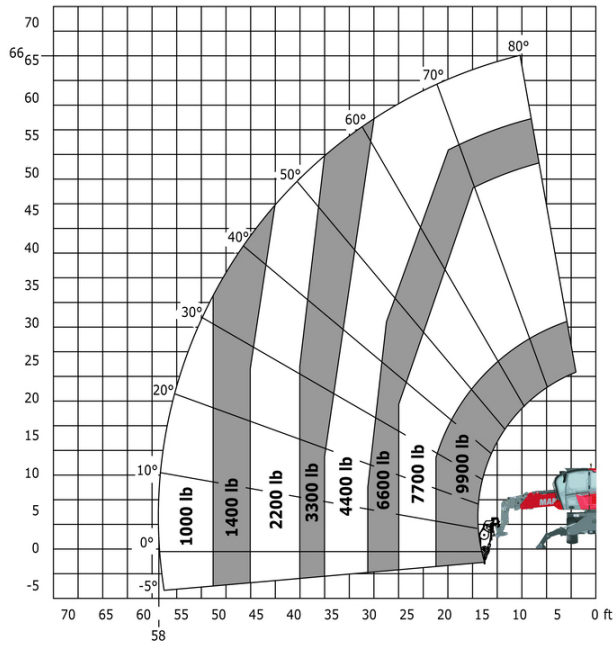
MRT 2145 115 - Load chart

Machine on tires with forks Imperial

Machine on lowered stabilisers with forks Imperial

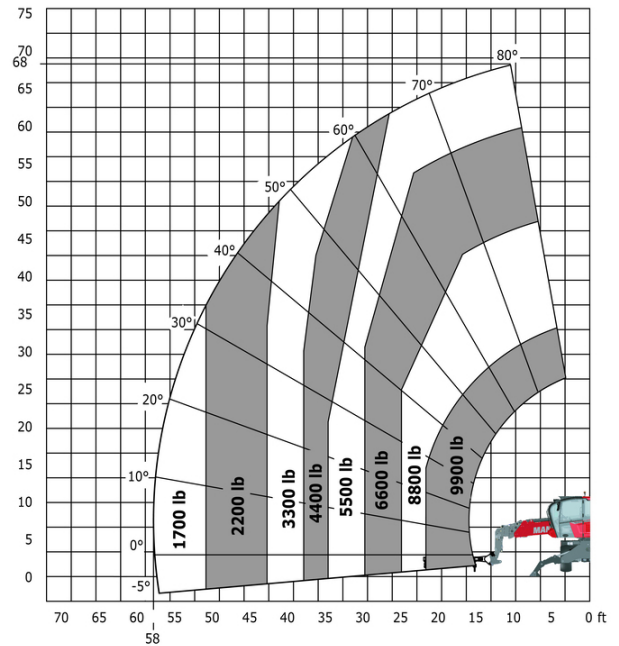
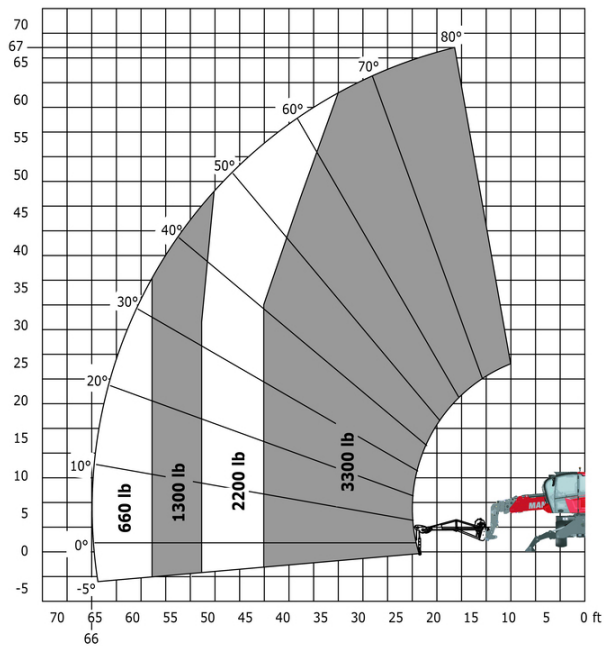


Machine on lowered stabilisers with winch 5000 kg Imperial    Machine on lowered stabilisers with 4000 kg jib (Imperial)

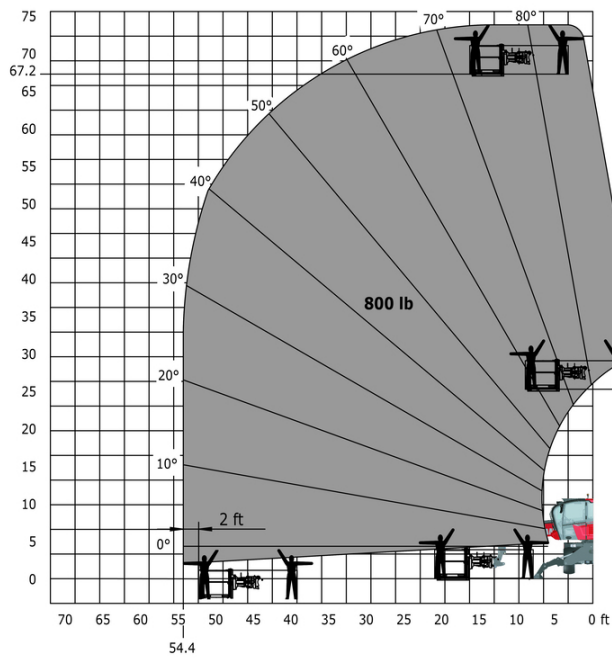


Machine on lowered stabilisers with 1500 kg jib with winch (Imperial)

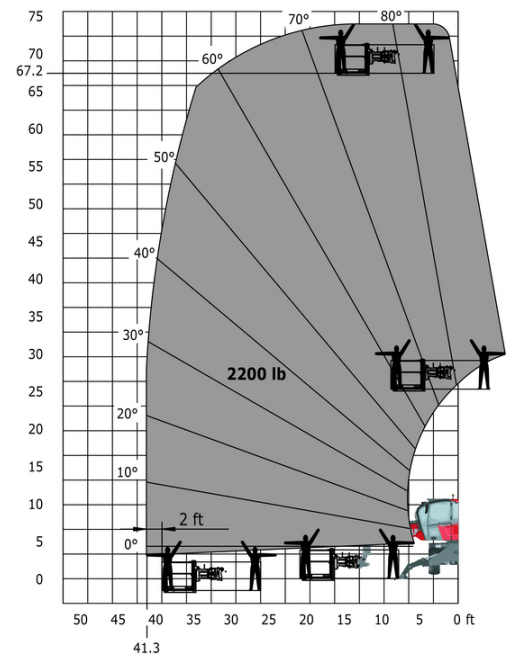
Machine on lowered stabilisers with hook 5000 kg  
(Imperial)



## Machine on lowered stabilisers with 365 kg platform Imperial



## Machine on lowered stabilisers with 1000 kg platform Imperial





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