

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
External turning radius (over tyres)	Wa1	13 ft 8 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		360 °
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 for stabs		Stabs Commands Individual or Simultaneous
Engine		
Engine brand		Deutz
Engine norm		Stage V, Tier 4
Engine model		TCD 3.6 L4
Engine power (Hp) / power (kW) / 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		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

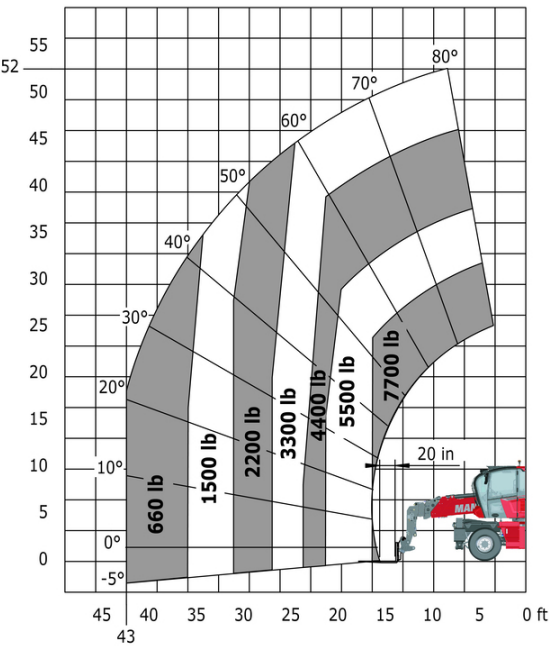
MRT 2145 115 - Dimensional drawing



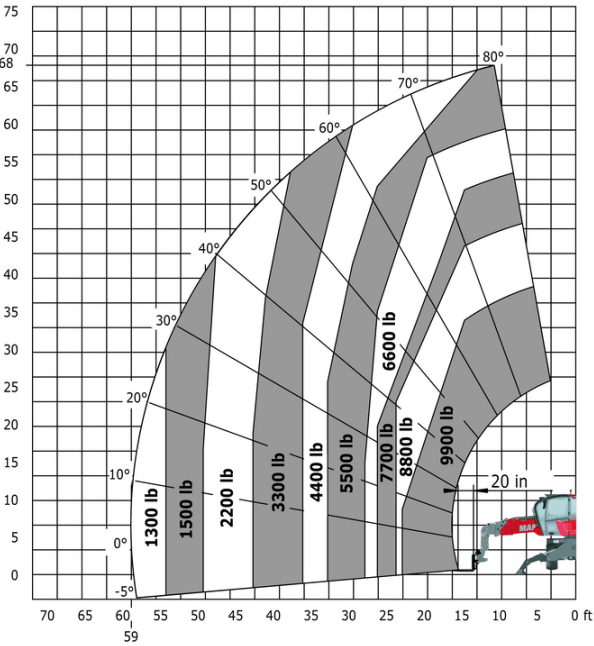
Other data			Imperial
Length of frame		l14	16 ft 4 in
Wheelbase		y	8 ft 11 in
Ground clearance		m4	1 ft 3 in
Counterweight offset (turret at 90°)		a7	8 ft 2 in
Overall length at stabilisers		l12	15 ft 5 in
Overall width with stabilisers extended		b7	16 ft 4 in
Ground clearance under front tires on stabilizers		m5	7 in

MRT 2145 115 - Load chart

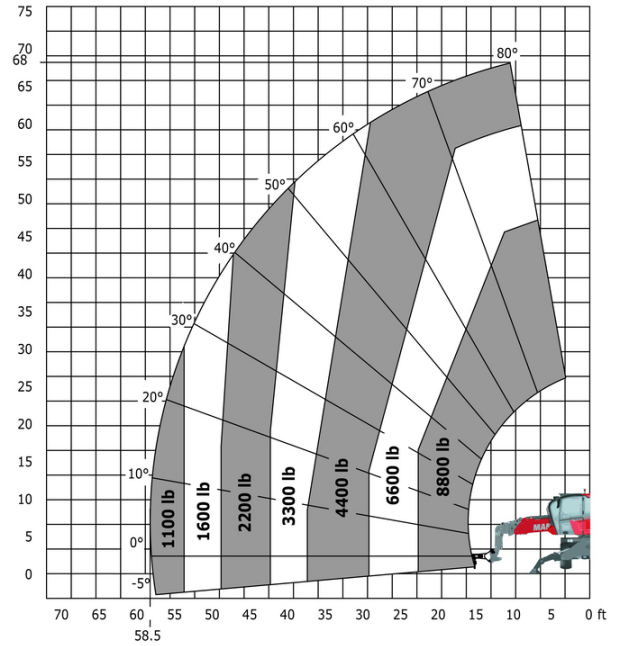
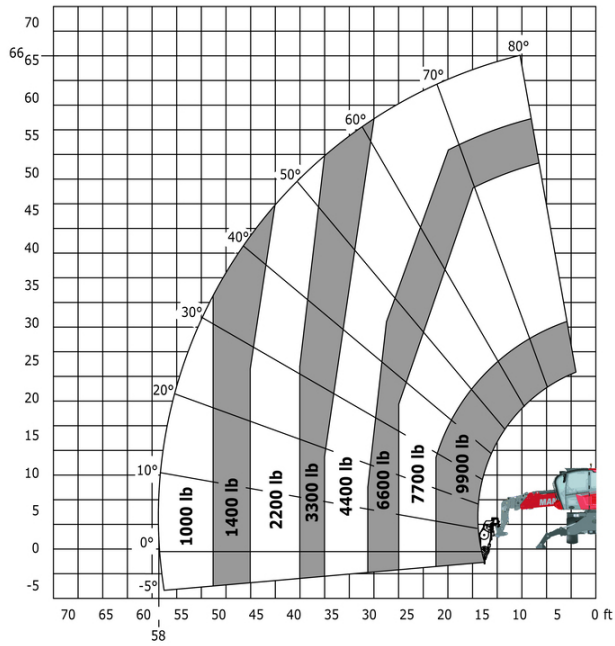
Machine on tires with forks Imperial



Machine on lowered stabilisers with forks Imperial

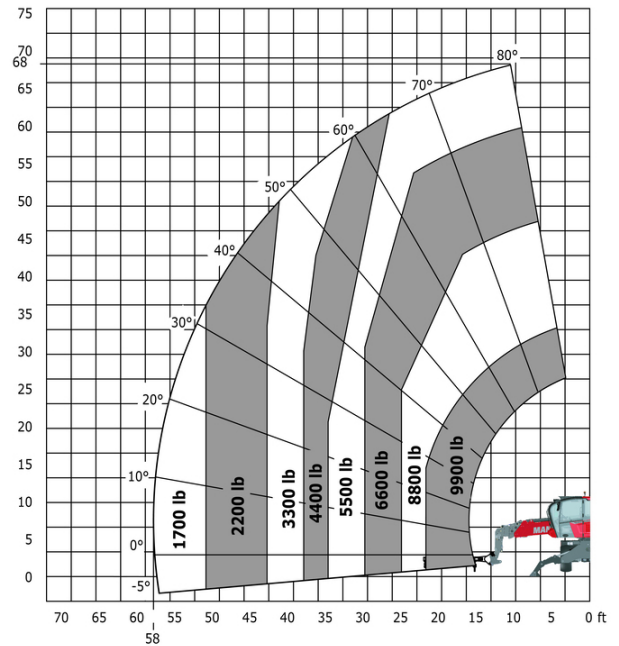
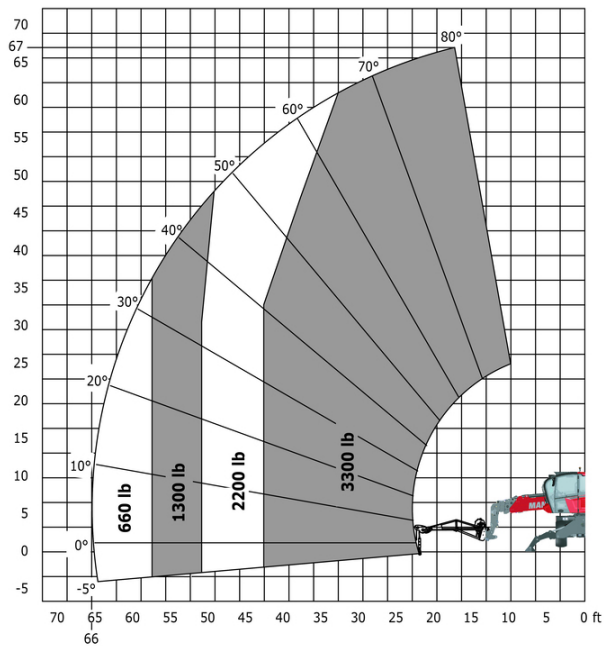


## Machine on lowered stabilisers with winch 5000 kg Imperial Machine on lowered stabilisers with 4000 kg jib (Imperial)



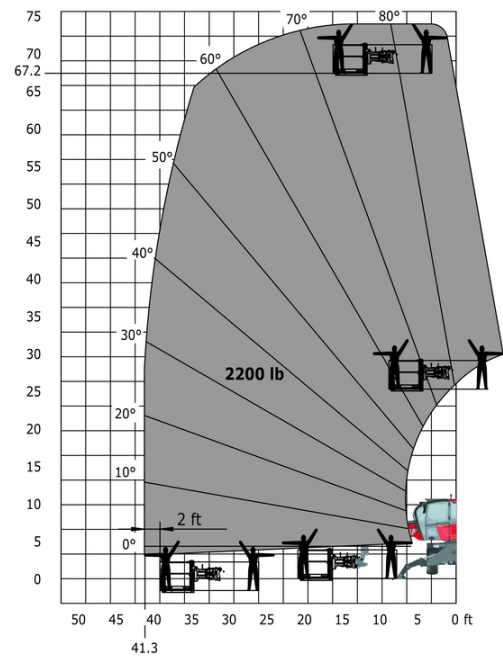
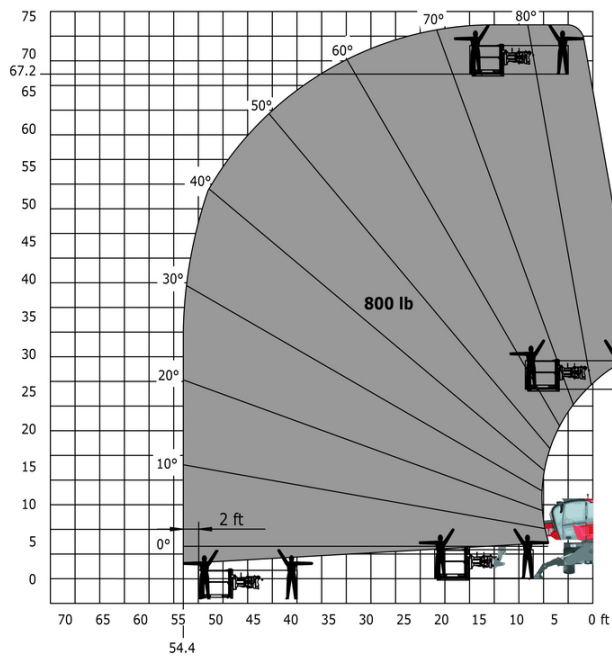
## Machine on lowered stabilisers with 1500 kg jib with winch (Imperial)

## 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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