Technical sheet :

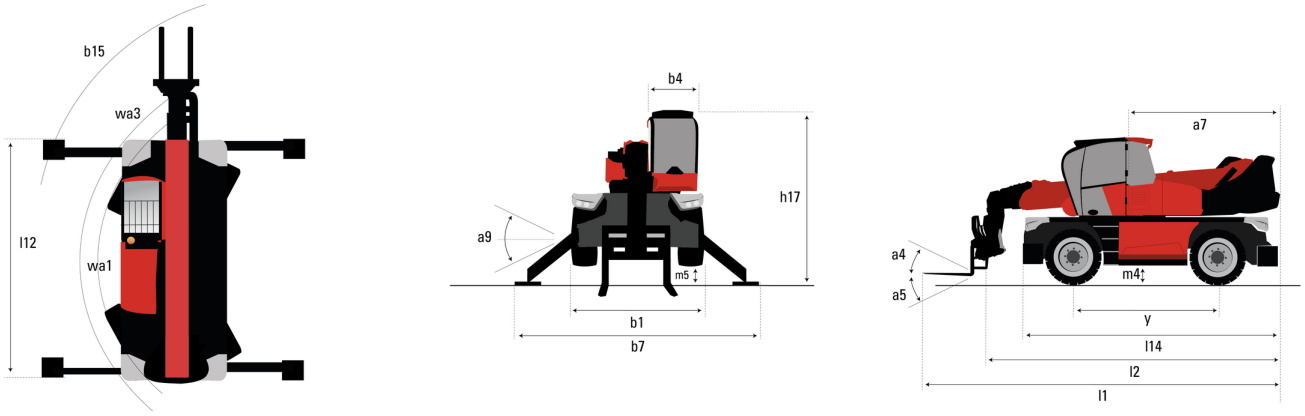
MRT 2145 EASY T4 S1 360°



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Capacities		Metric	Imperial
Max. capacity		4500 kg	9921 lb
Max. lifting height		20.60 m	67 ft 7 in
Max. outreach		17.90 m	58 ft 9 in
Weight and dimensions			
Overall length (with forks)	l1	7.79 m	25 ft 7 in
Length to face of forks	l2	6.59 m	21 ft 7 in
Overall width	b1	2.50 m	8 ft 2 in
Overall height	h17	3.02 m	9 ft 11 in
Overall cab width	b4	0.95 m	3 ft 1 in
Outer frame turning radius	Wa3	4.62 m	15 ft 2 in
Ground clearance	m4	0.32 m	1 ft 1 in
Wheelbase	y	2.73 m	8 ft 11 in
Tilt-up angle	a4	10 °	10 °
Tilt-down angle	a5	107 °	107 °
Overall weight		14530 kg	32033 lb
Forks length / width / section	l / e / s	1200 mm x 125 mm x 50 mm	47 in x 5 in x 2 in
Wheels			
Standard tires		18-19,5	18-19,5
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		Wing Type	Wing Type
Controls with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneous
Engine			
Engine brand		Perkins	Perkins
Engine norm		Stage IV / Tier 4 Final	Stage IV / Tier 4 Final
Engine model		854F-E34TA	854F-E34TA
I.C. Engine power rating / Power / Engine rotation		102 Hp / 75 kW @ 1200 rpm	102 Hp / 75 kW @ 1200 rpm
Max. torque		430 Nm	317 ft/lbs
Number of cylinders - Capacity of cylinders		4 - 3400 cm³	4 - 207 in³
Injection		engine Injection direct	engine Injection direct
Engine cooling system		Water	Water
Electric circuit			
Battery voltage		12 V	12 V
12V Battery capacity		180 Ah	180 Ah
Transmission			
Transmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		2 / 2	2 / 2
Max. travel speed		37 km/h	23 mph
Drawbar pull		7900 daN	7900 daN
Parking brake		Automatic negative parking brake	Automatic negative parking brake
Service brake		Hydraulic	Hydraulic
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow		115 l/min	30 US gpm
Hydraulic Pressure		270 bar	3916 PSI
Tank capacities			
Engine oil		8.50 l	2 US gal
Hydraulic oil		150 l	40 US gal
Fuel tank		130 l	34 US gal
Diesel Exhaust fluid (AdBlue® type)		19 l	5 US gal
Noise and vibration			
Noise at driving position (LpA)		79.70 dB	79.70 dB
Environmental noise (LwA)		105 dB	105 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

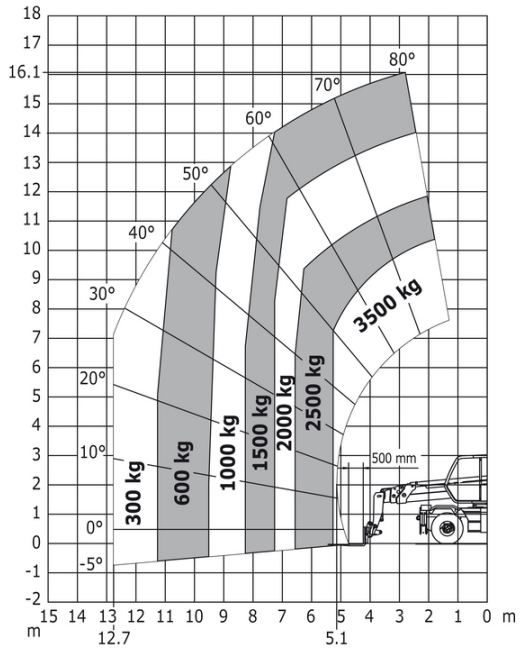
MRT 2145 Easy T4 S1 360° - Dimensional drawing



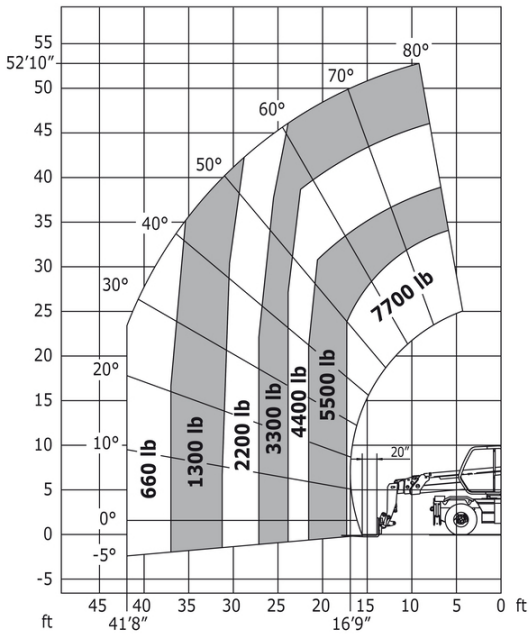
Other data		Metric	Imperial
Length of frame	l14	4.71 m	15 ft 5 in
Wheelbase	y	2.73 m	8 ft 11 in
Ground clearance	m4	0.32 m	1 ft 1 in
Counterweight offset (turret at 90°)	a7	2.70 m	8 ft 10 in
Tilt-up angle	a4	10 °	10 °
Tilt-down angle	a5	107 °	107 °
Overall length at stabilisers	l12	4.71 m	15 ft 5 in
Outer frame turning radius	Wa3	4.62 m	15 ft 2 in
Outer turning radius (with forks)	b15	6.10 m	20 ft
Overall width with stabilisers extended	b7	4.98 m	16 ft 4 in
Overall height	h17	3.02 m	9 ft 11 in
Ground clearance under front tires on stabilizers	m5	0.22 m	9 in

MRT 2145 Easy T4 S1 360° - Load chart

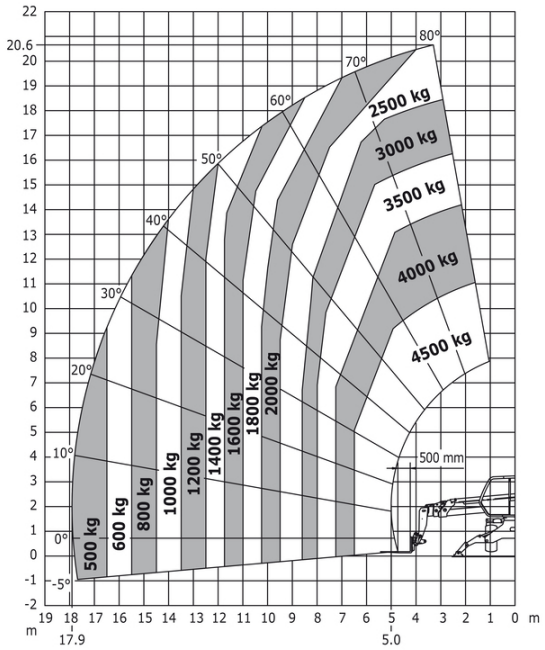
Machine on tyres with forks Metric



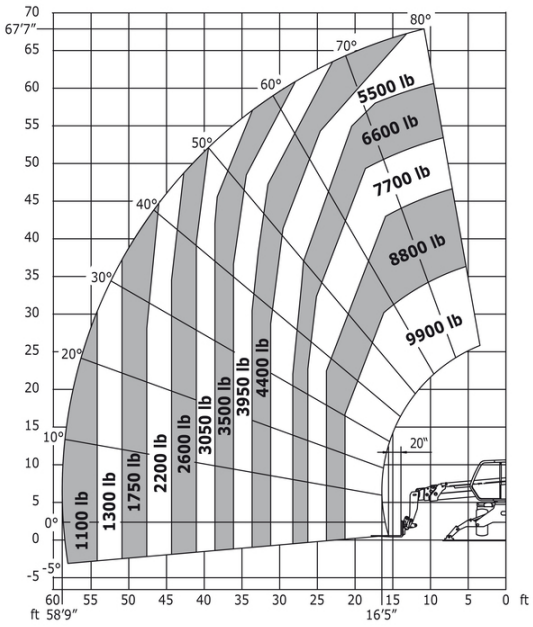
Machine on tyres with forks Imperial



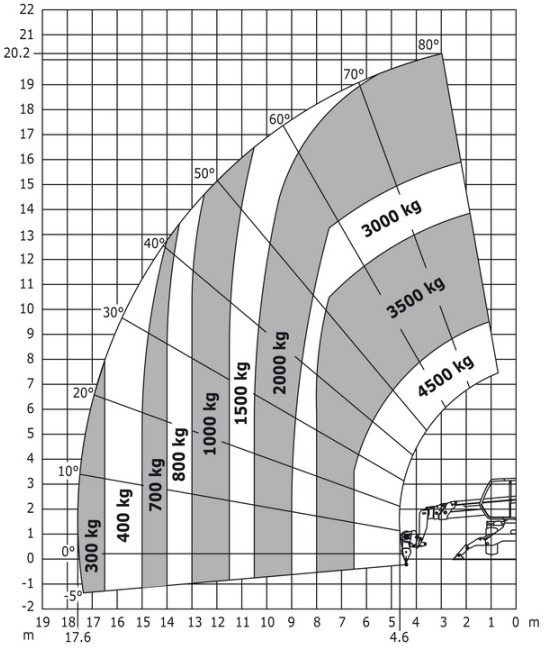
Machine on lowered stabilisers with forks Metric



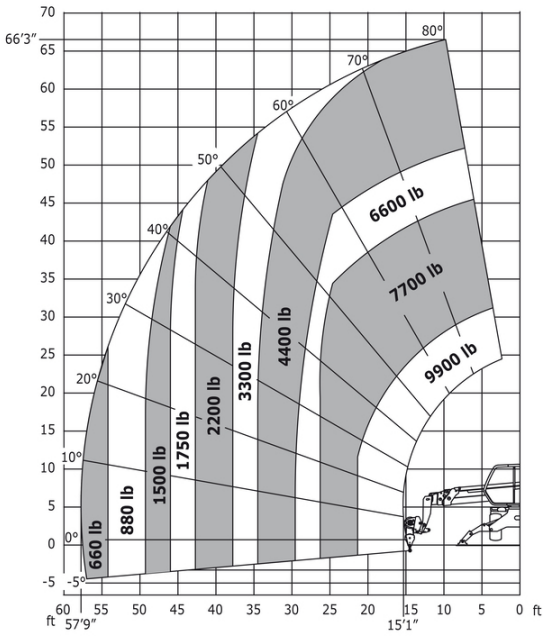
Machine on lowered stabilisers with forks Imperial



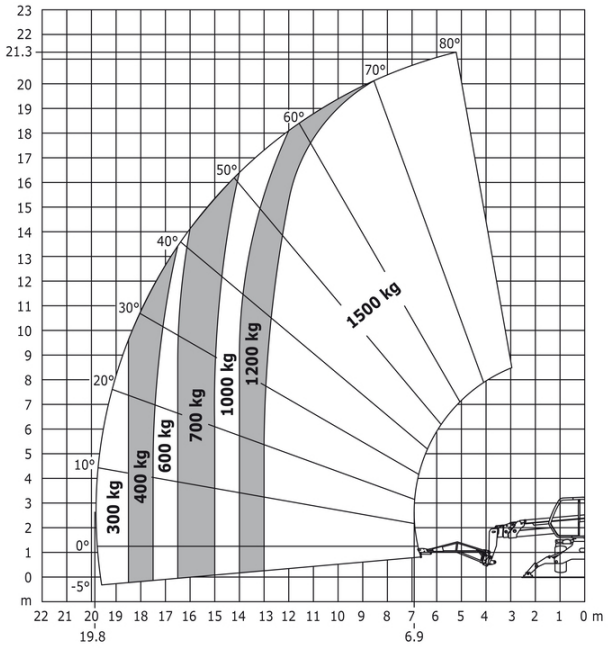
Machine on lowered stabilisers with winch 5000 kg Metric



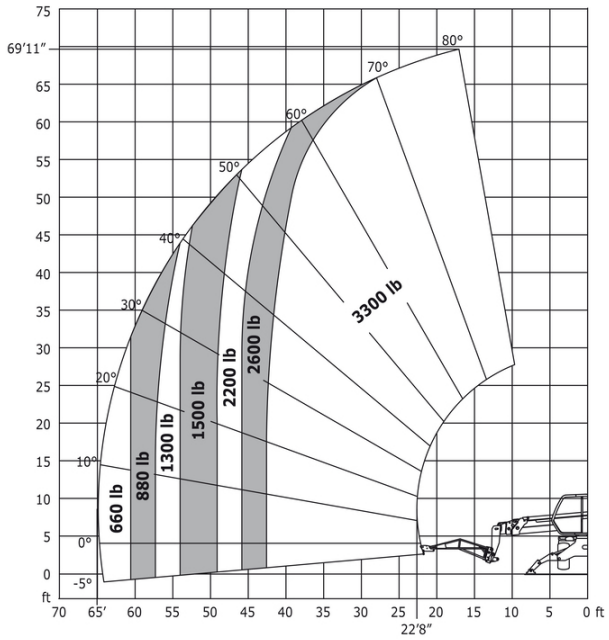
Machine on lowered stabilisers with winch 5000 kg Imperial



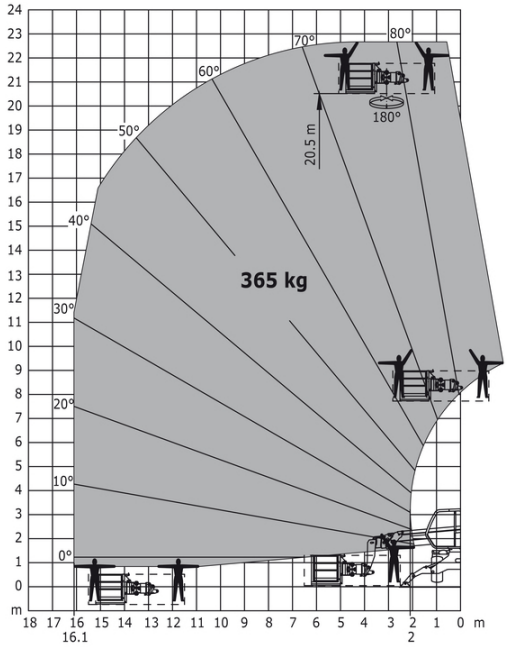
Machine on lowered stabilisers with 1500 kg jib Metric



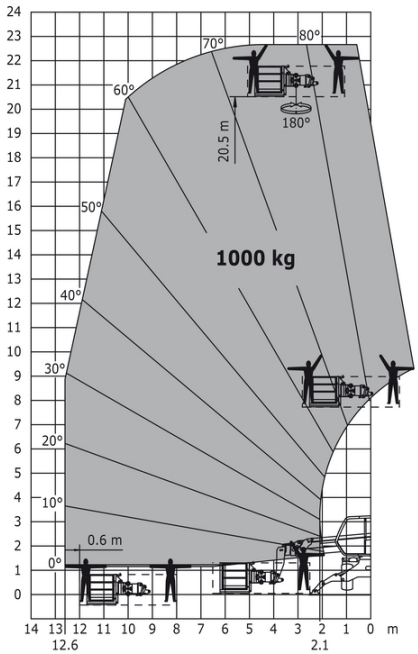
Machine on lowered stabilisers with 1500 kg jib Imperial



Machine on lowered stabilisers with 365 kg platform Metric



Machine on lowered stabilisers with 1000 kg platform Metric



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