

Technical sheet :

# **MRT 1845 115**

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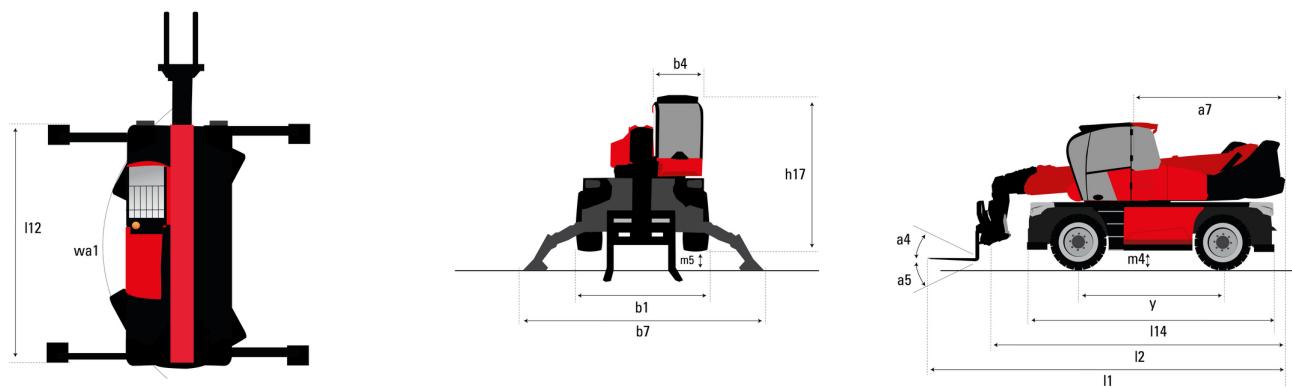
**VISION**



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Capacities		Metric	
Max. capacity		4500 kg	
Max. lifting height		18 m	
Maximum outreach		15.20 m	
Weight and dimensions			
Overall length (with forks)	I1	7.26 m	
Length to face of forks	I2	6.06 m	
Overall width	b1	2.42 m	
Overall height	h17	3.04 m	
Overall cab width	b4	0.96 m	
External turning radius (over tyres)	Wa1	3.92 m	
Ground clearance	m4	0.37 m	
Wheelbase	y	2.43 m	
Tilt-up angle	a4	10 °	
Tilt-down angle	a5	107 °	
Turret rotation		400 °	
Overall weight		14100 kg	
Forks length / width / section	I / e / s	1200 mm x 125 mm x 50 mm	
Wheels			
Standard tires		405/70-20	
Drive wheels (front / rear)		2 / 2	
Steering mode		2 wheel steer, 4 wheel steer, Crab mode	
Stabilisers			
Stabilizers Type		Wing 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 / kW)		116 Hp / 85 kW	
Max. torque / Engine rotation (min)		460 Nm @ 1600 rpm	
Number of cylinders - Capacity of cylinders		4 - 3620 cm³	
Engine cooling system		Water cooled	
Electric circuit			
Number of batteries / Battery voltage		2 x 12 V	
12V Battery capacity		120 Ah	
Battery starting current		850 A	
Transmission			
Transmission type		Hydrostatic	
Number of gears (forward / reverse)		2 / 2	
Max. travel speed		40 km/h	
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)		46.60 % / 50.90 %	
Hydraulics			
Hydraulic pump type		Variable displacement pump	
Hydraulic flow		116 l/min	
Hydraulic Pressure		275 bar	
Tank capacities			
Engine oil		11 l	
Fuel		130 l	
Diesel Exhaust fluid (AdBlue® type)		11 l	
Noise and vibration			
Noise at driving position (LpA)		68 dB	
Noise to environment (LwA)		106 dB	
Vibration on hands/arms		2.50 m/s²	
Miscellaneous			
Steering wheels (front / rear)		2 / 2	
Controls		2 Joysticks	
Cab certification		Cabin ROPS - FOPS level 2	
Attachment recognition system (E-Reco)		Standard	

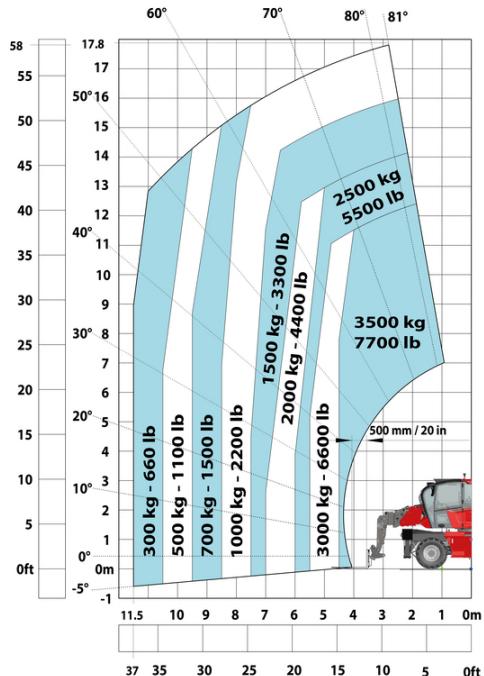
## MRT 1845 115 - Dimensional drawing



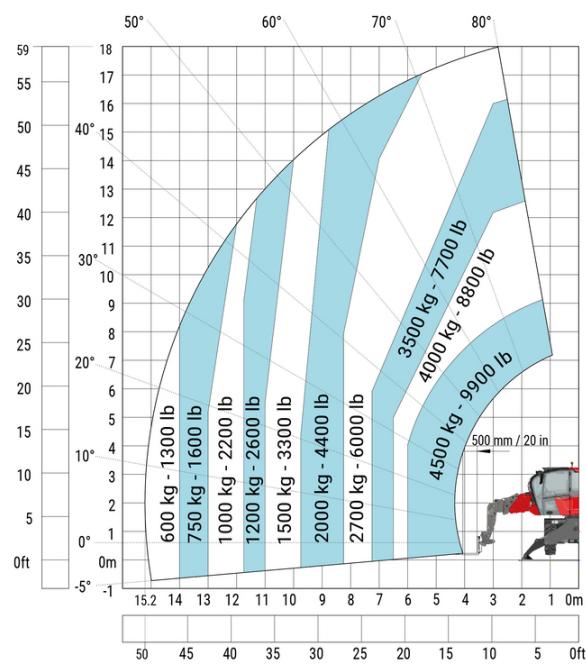
Other data	Metric
Length of frame	4.67 m
Wheelbase	2.43 m
Ground clearance	0.37 m
Counterweight offset (turret at 90°)	2.50 m
Overall length at stabilisers	4.41 m
Overall width with stabilisers extended	4.01 m
Ground clearance under front tires on stabilizers	0.18 m

## MRT 1845 115 - Load chart

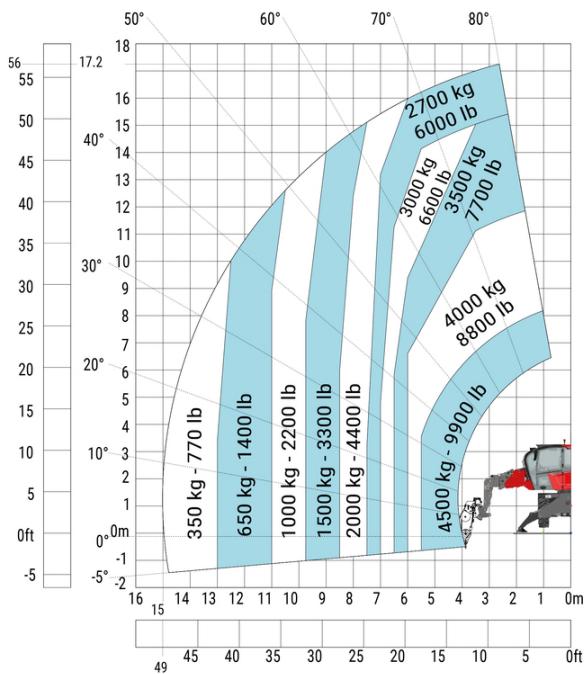
Machine on tires with forks Metric



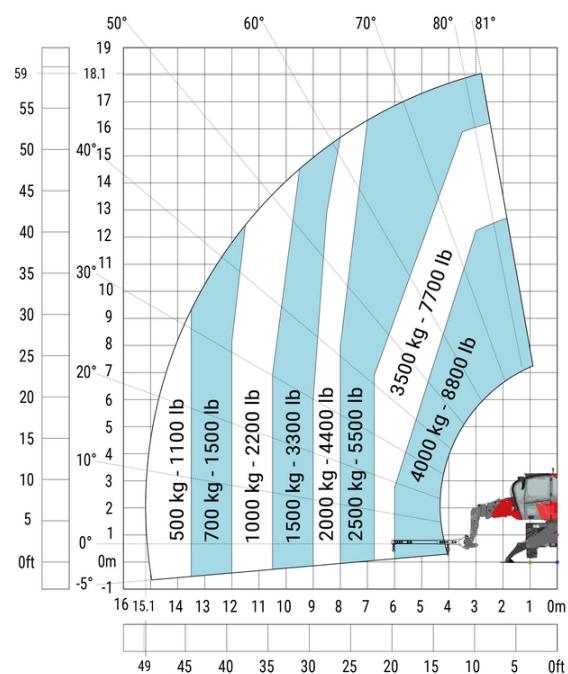
Machine on lowered stabilisers with forks Metric



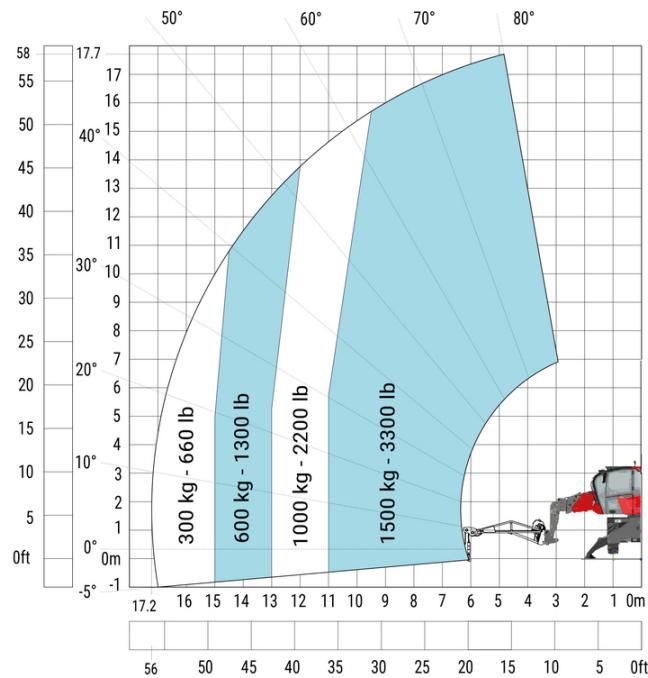
## Machine on lowered stabilisers with winch 5000 kg Metric



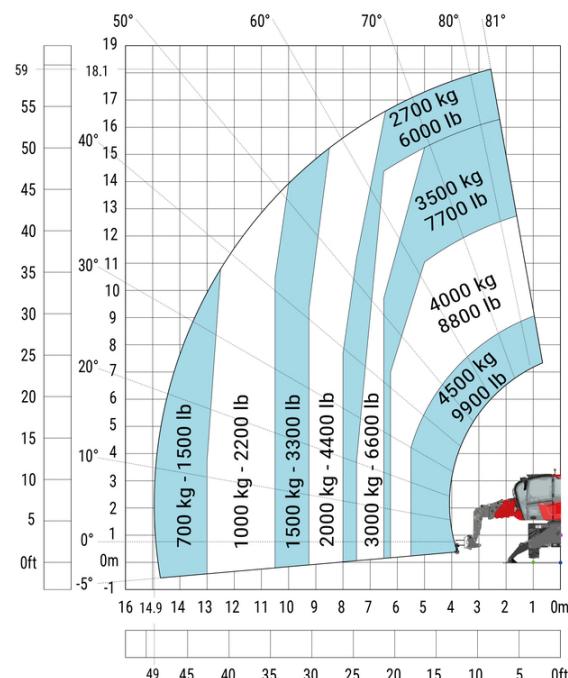
### Machine on lowered stabilisers with 4000 kg jib (Metric)



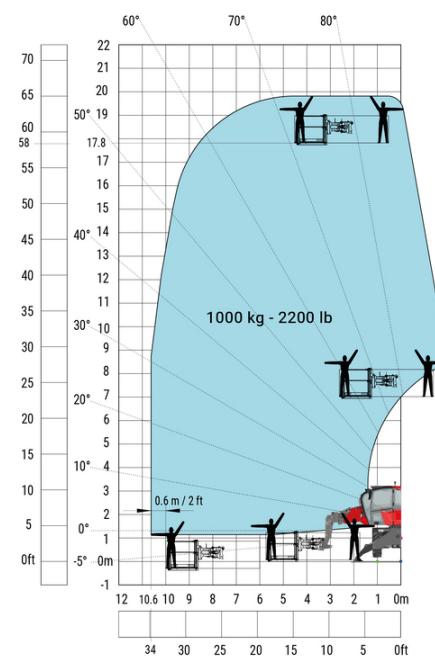
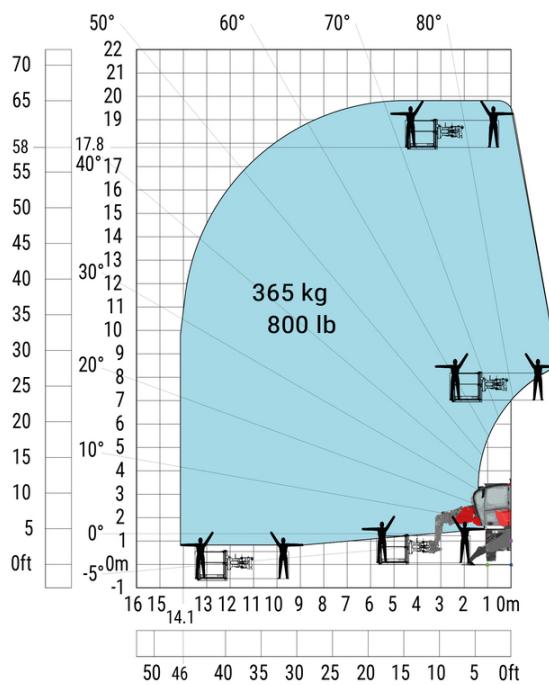
Machine on lowered stabilisers with 1500 kg jib with winch (Metric)

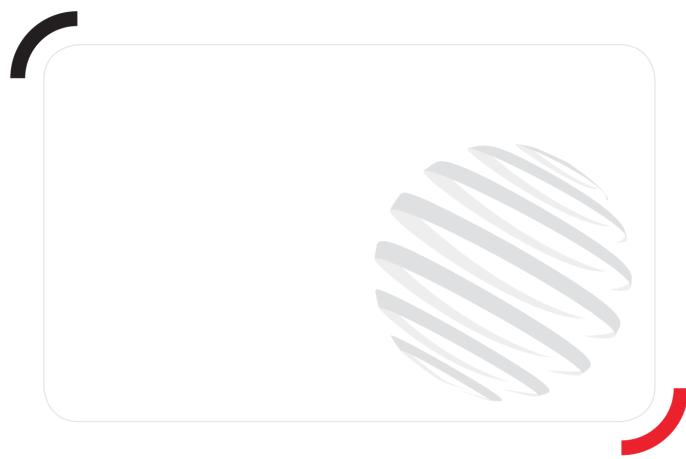


## Machine on lowered stabilisers with hook 5000 kg (Metric)



Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform Metric





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