

Technical sheet :

# **MRT 1645 115**

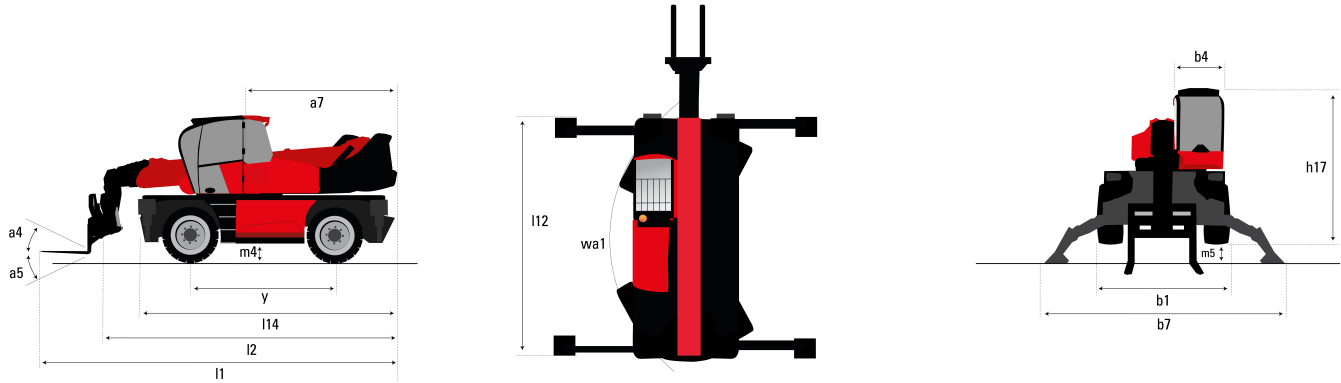
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**VISION**



Capacities		Metric
Max. capacity	Q	4500 kg
Max. lifting height	h3	15.9 m
Max. Reach	l4	13.4 m
Weight and dimensions		
Overall width	b1	2.45 m
Overall height	h17	3.04 m
Overall cab width	b4	0.96 m
Ground clearance	m4	0.37 m
Wheelbase	y	2.43 mm
Tilt-up angle	a4	12 °
Tilt-down angle	a5	105 °
Turret rotation		400 °
Overall weight		13305 kg
Forks length / width / section	l / e / s	1200 mm x 125 mm x 50 mm
Wheels		
Standard tyres		405/70-20
Drive wheels (front / rear)		2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
Stabilisers		
Stabs Type		Wing Type
Controls with stabs		Stabs Commands Individual or Simultaneous
Engine		
Engine brand		Deutz
Engine norm		EU Stage V / US EPA Tier 4
Engine model		TCD 3.6 L4
I.C. Engine power rating / Power (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
Number of batteries / Battery / Batteries capacity		2 x 12 V / 120 Ah
Battery starting current		(EN)850 A
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 2
Max. travel speed		40 km/h
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Hydraulics		
Hydraulic pump type		Load sensing pump
Hydraulic flow		116 l/min
Hydraulic Pressure		275 Bar
Tank capacities		
Engine oil		11 l
Hydraulic oil		144 l
Fuel tank		130 l
Diesel Exhaust fluid (AdBlue® type)		11 l
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Controls		2 Joysticks
Safety cab homologation		ROPS - FOPS cab (level 2)
Attachment recognition system (E-Reco)		Standard

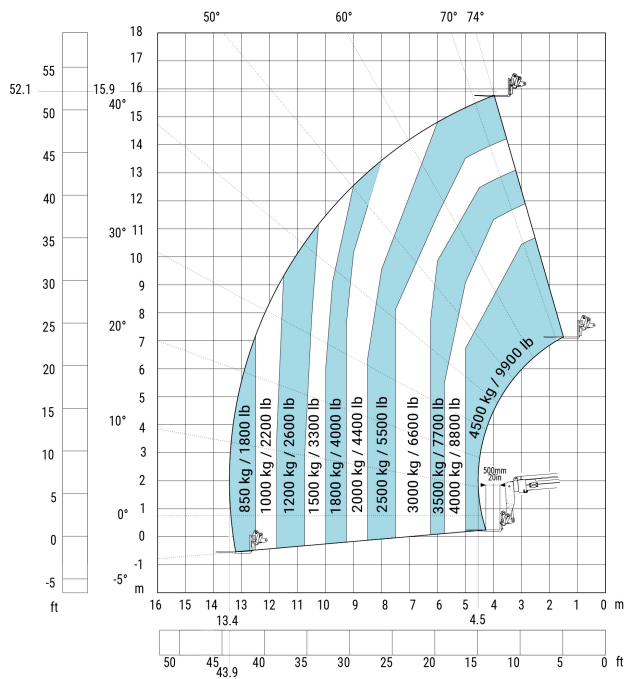
## Dimensional drawing



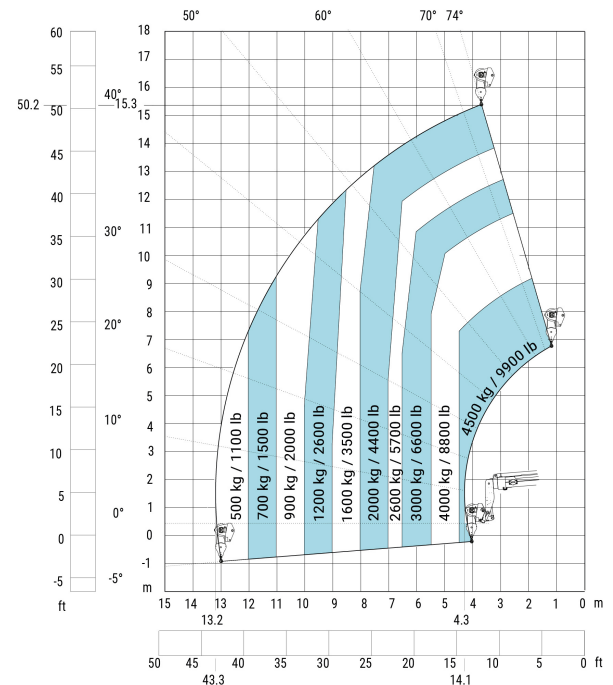
Other data		Metric	
Overall length (with forks)		l1	7.58 m
Length to face of forks		l2	6.38 m
Length of frame		l14	4.53 m
Wheelbase		y	2.43 m
Ground clearance		m4	0.37 m
Counterweight offset (turret at 90°)		a7	2.5 m
Tilt-up angle		a4	12°
Tilt-down angle		a5	105°
Overall length at stabilisers		l12	4.41 m
External turning radius (over tyres)		Wa1	3.6 m
Overall width		b1	2.45 m
Overall width with stabilisers extended		b7	4.01 m
Overall cab width		b4	0.96 m
Overall height		h17	3.04 m
Ground clearance under front tyres on stabilizers		m5	0.18 m

## Load chart

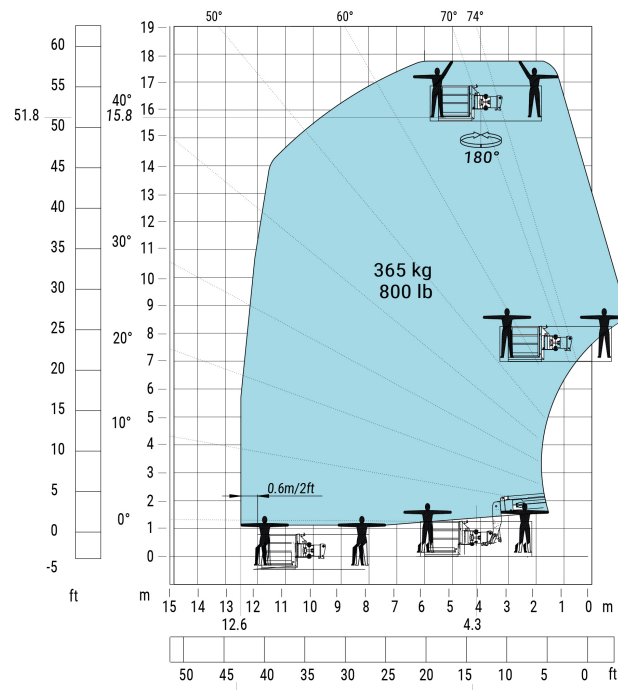
Machine on lowered stabilisers with forks Metric



Machine on lowered stabilisers with winch 5000 kg Metric



## Machine on lowered stabilisers with 365 kg platform Metric





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