Technical sheet :

MRT 1845 115

VISION

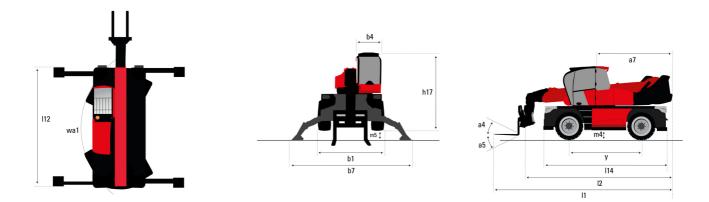




IRT 1845 115	Created or	August 12	. 2025 at	4:23 PM	UTC

	MRT 1845 115 Created on August 12, 2025 a	
Capacities	Metric	
Max. capacity	4500 kg	
Max. lifting height	18 m	
Maximum outreach	15.20 m	
Weight and dimensions		
Overall length (with forks)	l1 7.26 m	
Length to face of forks	l2 6.06 m	
Overall width	b1 2.42 m	
Overall height	h17 3.04 m	
Overall cab width	b4 0.96 m	
Ground clearance	m4 0.37 m	
Wheelbase	y 2.43 m	
Tilt-up angle	a4 10 °	
Tilt-down angle	a5 107 °	
Turret rotation / rotation (Max.)	400 ° or 360 °	
Overall weight	14100 kg	
Forks length / width / section	l / e / s 1200 mm x 125 mm x 5	0 mm
Wheels		U IIIII
Standard tires	405/70-20	
	2/2	
Drive wheels (front / rear)		Oreh mede
Steering mode	2 wheel steer, 4 wheel steer,	Ciab mode
Stabilisers		
Stabilizers Type	Wing 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	116 Hp / 85 kW	
Max. torque / Engine rotation (min)	460 Nm @ 1600 rpr	n
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	(EN)850 A	
Transmission		
Transmission type	Hydrostatic	
Number of gears (forward / reverse)	2/2	
Max. travel speed	40 km/h	
Drawbar pull	9700 daN	
		a broko
Parking brake	Automatic negative parkir	
Service brake	Oil-immersed multi-discs braking axles) on front & rear
Performances		
Gradeability (laden / unladen)	46.60 % / 50.90 %	
Hydraulics		
Hydraulic pump type	Variable displacement	numn
Hydraulic flow	116 l/min	pump
	275 bar	
Hydraulic Pressure	273 Dai	_
Tank capacities		
Engine oil	111	
Fuel tank	130 I	
Diesel Exhaust fluid (AdBlue® type)	111	
Noise and vibration		
Noise at driving position (LpA)	68 dB	
Noise to environment (LwA)	106 dB	
Vibration on hands/arms	< 2.50 m/s ²	
Miscellaneous		
Steering wheels (front / rear)	2/2	
Controls	2 Joysticks	
Cab certification	Cabin ROPS - FOPS lev	/el 2
Attachment recognition system (E-Reco)	Standard	

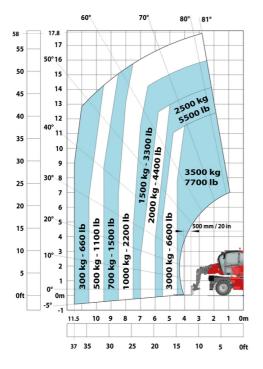
MRT 1845 115 - Dimensional drawing



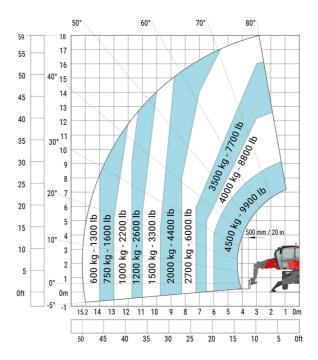
Other data		Metric
Length of frame	114	4.67 m
Wheelbase	у	2.43 m
Ground clearance	m4	0.37 m
Counterweight offset (turret at 90Ű)	а7	2.50 m
Tilt-up angle	a4	10 °
Tilt-down angle	a5	107 °
Overall length at stabilisers	112	4.41 m
External turning radius (over tyres)	Wa1	3.92 m
Overall width with stabilisers extended	b7	4.01 m
Overall height	h17	3.04 m
Ground clearance under front tires on stabilizers	m5	0.18 m

MRT 1845 115 - Load chart

Machine on tires with forks Metric



Machine on lowered stabilisers with forks Metric



70°

80° 81°

3500 kg - 7700 lb

2000 kg - 4400 lb 2500 kg - 5500 lb

1000 kg - 2200 lb 1500 kg - 3300 lb

16 15.1 14 13 12 11 10 9

500 kg - 1100 lb 700 kg - 1500 lb 4000 kg - 8800 lb

 0m

0ft

Machine on lowered stabilisers with winch 5000 kg Metric

Machine on lowered stabilisers with 4000 kg jib (Metric)

60°

50°

0°

0m

-5° -1

20° 7

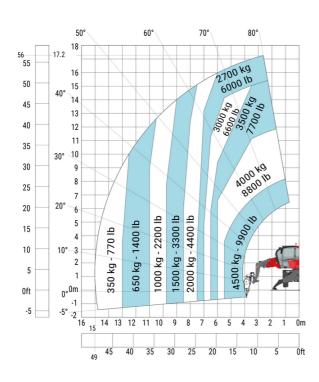
10° 4

30°¹¹

40°15

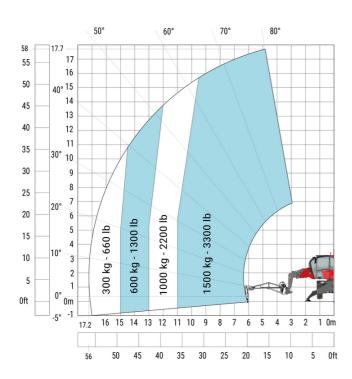
18.1

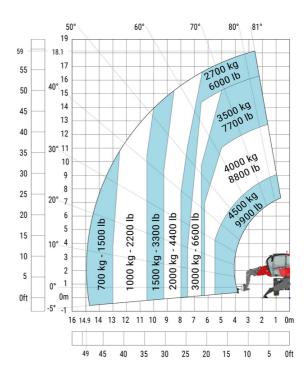
0ft



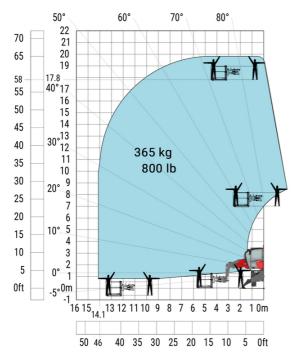
(Metric)

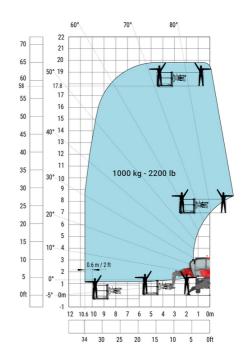
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric)





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







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