Technical sheet :

MRT 1845 115

VISION

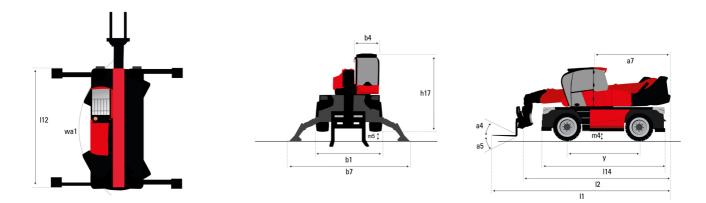




MRT 1845 115 Created on September 17, 2025 at 2:16 AM UTC

	mrt 1845 115 Created on September 17,	2020 41 2.10 / 411 0
Capacities	Ме	tric
Max. capacity	450	0 kg
Max. lifting height	18	
Aximum outreach	15.2	
Veight and dimensions		
Dverall length (with forks)	l1 7.2	6 m
ength to face of forks	12 6.0	
Iverall width	b1 2.4	
)verall height	h17 3.0	
Overall cab width	b4 0.9	
Ground clearance	m4 0.3	
Vheelbase	у 2.4	
ïlt-up angle	a4 10	
ïlt-down angle	a5 10	7°
Furret rotation / rotation (Max.)	400 ° c	or 360 °
Overall weight	1410	10 kg
orks length / width / section	l / e / s 1200 mm x 12	5 mm x 50 mm
Vheels		
tandard tires	405/	70-20
Irive wheels (front / rear)		/ 2
Steering mode	2 wheel steer, 4 whe	
Stabilisers		
Stabilizers Type	Wing	Туре
Controls with stabs		vidual or Simultaneous
ingine		
ingine brand	De	
ingine norm	Stage \	
ngine model	TCD 3	
C. Engine power rating / Power	116 Нр	
Max. torque / Engine rotation (min)	460 Nm @	
Number of cylinders - Capacity of cylinders	4 - 362	20 cm ³
Engine cooling system	Water	cooled
Electric circuit		
lumber of batteries / Battery voltage	2 x 1	12 V
2V Battery capacity	120	Ah
Battery starting current	(EN)8	850 A
ransmission		
ransmission type	Hydro	static
lumber of gears (forward / reverse)		/ 2
fax. travel speed	40 k	
Irawbar pull	9700	
arking brake	Automatic negati	
Service brake	Oil-immersed multi-disc ax	
Performances		
Gradeability (laden / unladen)	46.60 % /	/ 50.00 %
Hydraulics	40.00 %	0.90 %
	Veriable displ	
lydraulic pump type		acement pump
Hydraulic flow	116	
lydraulic Pressure	275	bar
ank capacities		
ingine oil	11	
uel tank	13	
iesel Exhaust fluid (AdBlue® type)	11	11
loise and vibration		
loise at driving position (LpA)	68	dB
loise to environment (LwA)	106	
fibration on hands/arms	< 2.50	
liscellaneous		
Steering wheels (front / rear)		/ 2
controls	2 Joy	
Cab certification	2 Joy: Cabin ROPS -	
		FUPS level Z

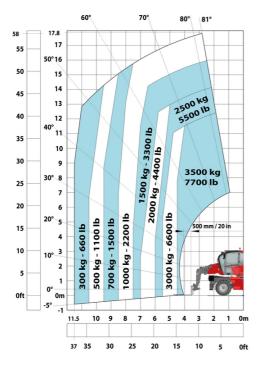
MRT 1845 115 - Dimensional drawing



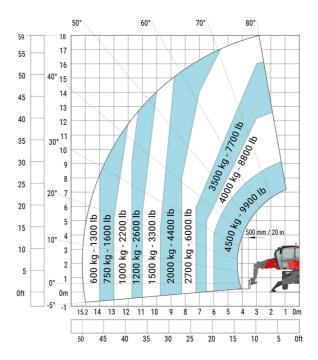
Other data		Metric
Length of frame	114	4.67 m
Wheelbase	у	2.43 m
Ground clearance	m4	0.37 m
Counterweight offset (turret at 90Ű)	а7	2.50 m
Tilt-up angle	a4	10 °
Tilt-down angle	a5	107 °
Overall length at stabilisers	112	4.41 m
External turning radius (over tyres)	Wa1	3.92 m
Overall width with stabilisers 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

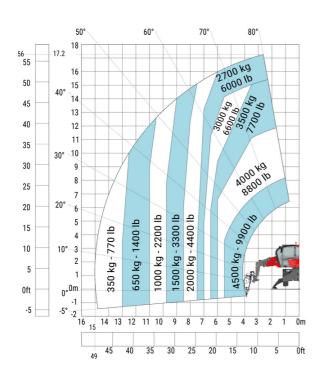
10° 4

30°¹¹

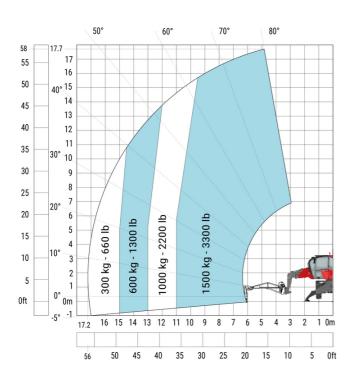
40°15

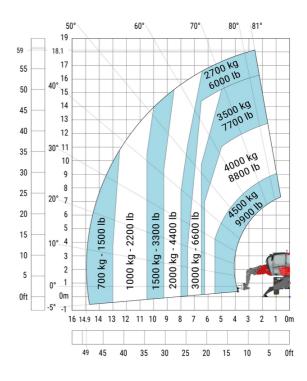
18.1

0ft

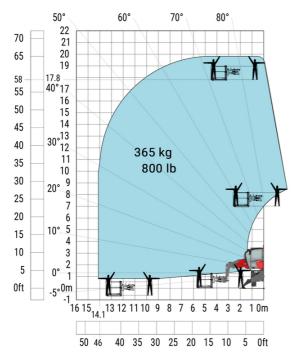


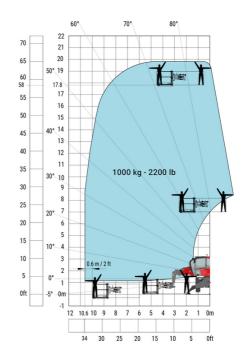






Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform Metric







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