Technical sheet :

MRT 1845 115

VISION

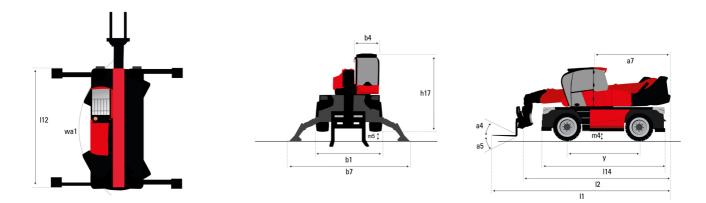




1RT 1845 115	Created on September	r 11	. 2025 at	5:28	PM	UTC

Capacities	Metric	
Aax. capacity	4500 kg	
lax. lifting height	18 m	
laximum outreach	15.20 m	
/eight and dimensions		
verall length (with forks)	l1 7.26 m	
ength to face of forks	l2 6.06 m	
Overall width	b1 2.42 m	
)verall height	h17 3.04 m	
Overall cab width	b4 0.96 m	
Fround clearance	m4 0.37 m	
Vheelbase	y 2.43 m	
filt-up angle	a4 10 °	
ïlt-down angle	a5 107 °	
urret rotation / rotation (Max.)	400 ° or 360 °	
)verall weight	14100 kg	
orks length / width / section	l / e / s 1200 mm x 125 mm x	50 mm
Vheels		
tandard 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 with stabs	Stabs Commands Individual o	Simultaneous
Ingine		
Engine brand	Deutz	
Engine norm	Stage V, Tier 4	
Engine model	TCD 3.6 L4	
.C. Engine power rating / Power	116 Hp / 85 kW	
Max. torque / Engine rotation (min)	460 Nm @ 1600 r	m
Number of cylinders - Capacity of cylinders	4 - 3620 cm ³	
Engine cooling system	Water cooled	
Electric circuit		
Number of batteries / Battery voltage	2 x 12 V	
I2V Battery capacity	120 Ah	
Battery starting current Transmission	(EN)850 A	
Transmission type	Hydrostatic	
Number of gears (forward / reverse)	2/2	
Vaniber of gears (rolward / leverse) Vax. travel speed	40 km/h	
Drawbar pull	9700 daN	
Parking brake	Automatic negative park	na hrake
	Oil-immersed multi-discs brakin	-
Service brake	axles	g on none a re
Performances		
Gradeability (laden / unladen)	46.60 % / 50.90 %	6
Hydraulics		
Hydraulic pump type	Variable displacement	pump
Hydraulic flow	116 l/min	
Hydraulic Pressure	275 bar	
Fank capacities		
ingine oil	111	
uel tank	130	
liesel Exhaust fluid (AdBlue® type)	111	
loise and vibration		
voise at driving position (LpA)	68 dB	
Noise to environment (LwA)	106 dB	
/ibration on hands/arms	< 2.50 m/s²	
Aiscellaneous Contraction Contractica Contra		
Steering wheels (front / rear)	2/2	
Controls	2 Joysticks	
Cab certification	Cabin ROPS - FOPS le	vel 2

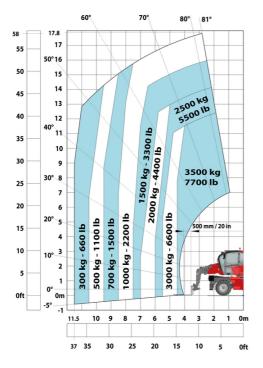
MRT 1845 115 - Dimensional drawing



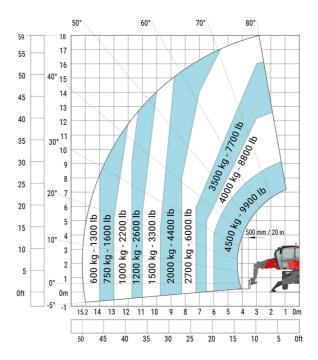
Other data		Metric
Length of frame	114	4.67 m
Wheelbase	у	2.43 m
Ground clearance	m4	0.37 m
Counterweight offset (turret at 90Ű)	а7	2.50 m
Tilt-up angle	a4	10 °
Tilt-down angle	a5	107 °
Overall length at stabilisers	112	4.41 m
External turning radius (over tyres)	Wa1	3.92 m
Overall width with stabilisers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

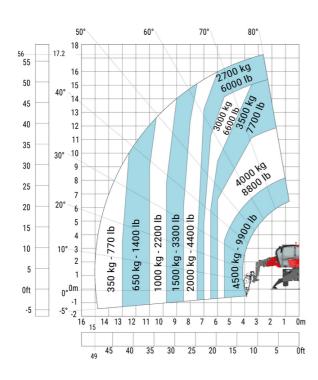
10° 4

30°¹¹

40°15

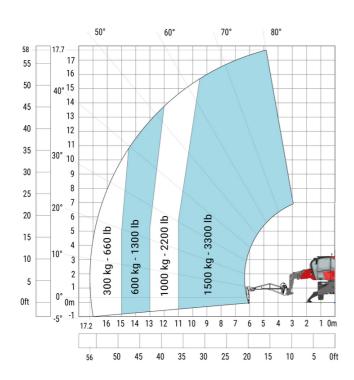
18.1

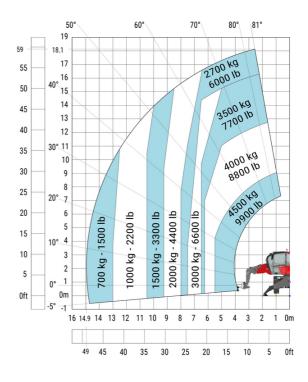
0ft



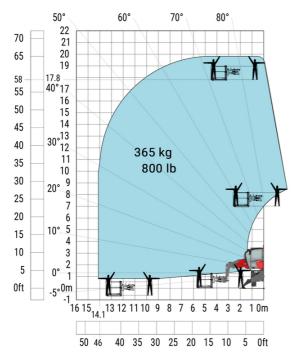
(Metric)

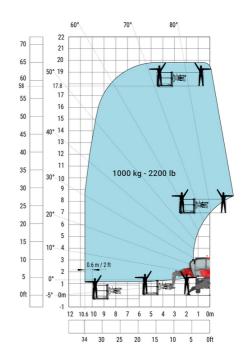
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric)





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







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