Technical sheet :

MRT 1845 115

VISION

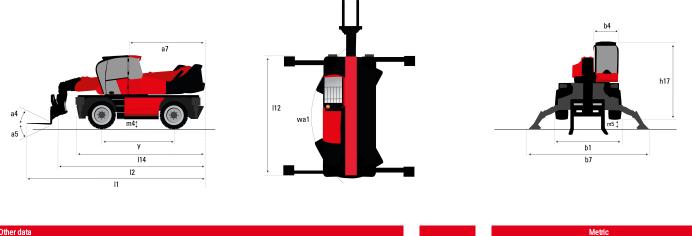




		MRT 184	5115	Created	on 1	July 2021	at 09:10:42	UTC
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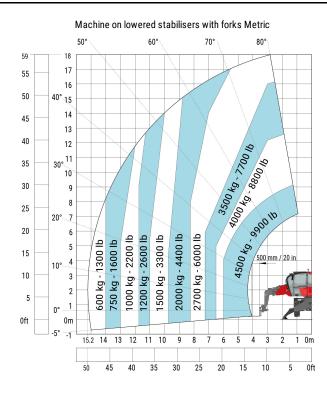
	MIRT 1845 TTS - Created on T July 2021 at 09:	10.42 0
Capacities	Metric	
Max. capacity	Q 4500 kg	
Max. lifting height	h3 18 m	
Max. Reach	l4 15.2 m	
Weight and dimensions		
Overall width	b1 2.45 m	
Overall height	h17 3.04 m	
Overall cab width	b4 0.96 m	
Ground clearance	m4 0.37 mm	
Wheelbase	y 2.43 mm	
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 50 mm	
Wheels		
Standard tyres	405/70-20	
Drive wheels (front / rear)	2/2	
Steering mode	2 wheel steer, 4 wheel steer, Crab mode	
-	2 wheel steer, 4 wheel steer, clab mode	
Stabilisers	Wing Topo	
Stabs Type	Wing Type Stabs Commands Individual or Simultaneous	
Controls with stabs	Stabs Commands individual of Simultaneous	
Engine	Durt	
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 cm ³	
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	
Parking brake	Automatic negative parking brake	
Service brake	Oil-immersed multi-discs braking on front & rear a	xles
Hydraulics		
Hydraulic pump type	Load sensing pump	
Hydraulic flow	116 l/min	
Hydraulic Pressure	275 Bar	
Tank capacities		
Engine oil	111	
Hydraulic oil	144	
Fuel tank	130	
Diesel Exhaust fluid (AdBlue® type)	111	
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



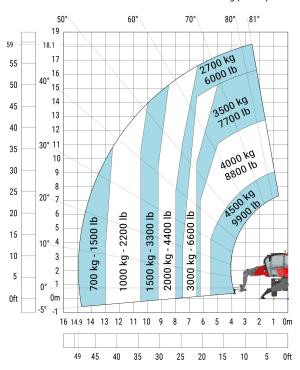
		Medic
Overall length (with forks)	11	7.26 m
Length to face of forks	12	6.06 m
Length of frame	114	4.53 m
Wheelbase	у	2.43 mm
Ground clearance	m4	0.37 mm
Counterweight offset (turret at 90°)	a7	2.5 m
Tilt-up angle	a4	10 °
Tilt-down angle	a5	107 °
Overall length at stabilisers	l12	4.41 m
External turning 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 tires on stabilizers	m5	0.18 m

Load chart

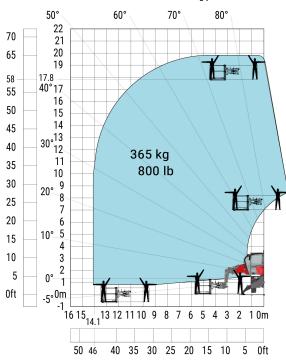


Machine on lowered stabilisers with winch 5000 kg Metric 50° 60° 70° 80° 56— 55 18 17.2 2700 kg 6000 lb 16 50 15 40° 14 1700 Ib 45 3000 13 40 12 11 35 10 30° 4000 K9 4000 ID 30 9 8 25 7 20° 20 6 4500 kg - 9900 kg 1000 kg - 2200 lb 1500 kg - 3300 lb 2000 kg -/4400/lb 5 650 kg - 1400 lb 15 350 kg - 770 lb 4 10 10° 3 2 5 1 0°^{.0m} 0ft -1 -5 -5° -2 15 14 13 12 11 10 9 8 7 6 5 4 3 2 16 1 0m 45 40 35 30 25 20 15 10 5 Oft 49

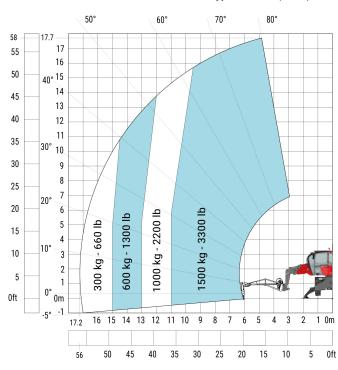
Machine on lowered stabilisers with hook 5000 kg (Metric)



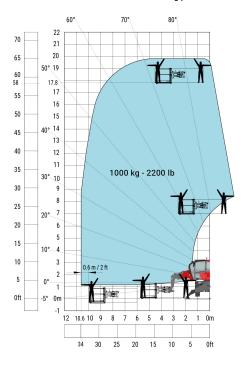
Machine on lowered stabilisers with 365 kg platform Metric

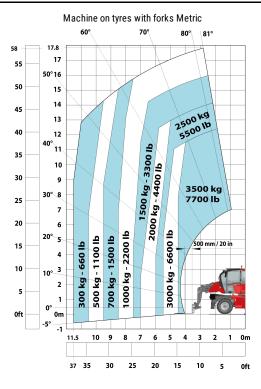


Machine on lowered stabilisers with 1500 kg jib with winch (Metric)



Machine on lowered stabilisers with 1000 kg platform Metric







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