Technical sheet :

MRT 1845 115

VISION

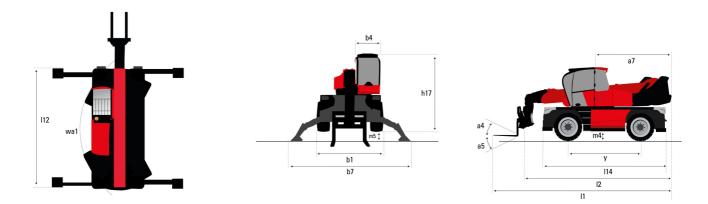




MRT 1845 115	Created on Ma	av 5. 2024 at	4:20:46	AM UTC

	MRT 1845 115	Created on May 5, 2024 at 4:20:46 AM UT(
Capacities		Metric
Max. capacity		4500 kg
Max. lifting height		18 m
Max. outreach		15.20 m
Weight and dimensions		
Overall length (with forks)	1	7.26 m
Length to face of forks	12	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	у	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 50 mm
Wheels		
Standard tires		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		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 rpm
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
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
Parking brake		Automatic negative parking brake
		Oil-immersed multi-discs braking on front & rear
Service brake		axles
Performances		
Gradeability (laden / unladen)		46.60 % / 50.90 %
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow		116 l/min
Hydraulic Pressure		275 bar
Tank capacities		
Engine oil		11
Hydraulic oil		144
Fuel tank		130
Diesel Exhaust fluid (AdBlue® type)		11
Noise and vibration		in the second
Noise at driving position (LpA)		68 dB
Noise to environment (LwA)		106 dB
Vibration to whole hand/arm		< 2.50 m/s²
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Controls		2 Joysticks
Safety cab homologation		ROPS - FOPS level 2 cab
Attachment recognition system (E-Reco)		Standard

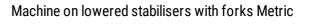
MRT 1845 115 - Dimensional drawing

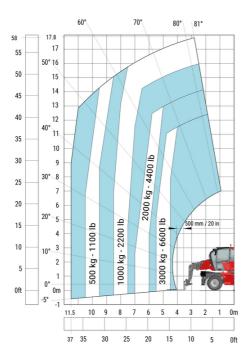


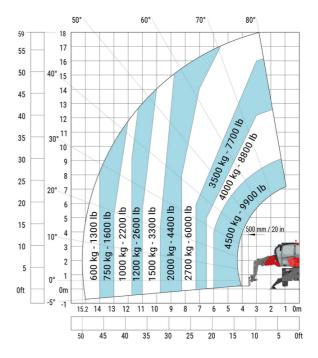
Other data		Metric
Length of frame	114	4.67 m
Wheelbase	у	2.43 m
Ground clearance	m4	0.37 m
Counterweight offset (turret at 90°)	а7	2.50 m
Tilt-up angle	a4	10 °
Tilt-down angle	a5	107 °
Overall length at stabilisers	112	4.41 m
External turning radius (over tyres)	Wa1	3.92 m
Overall width with stabilisers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

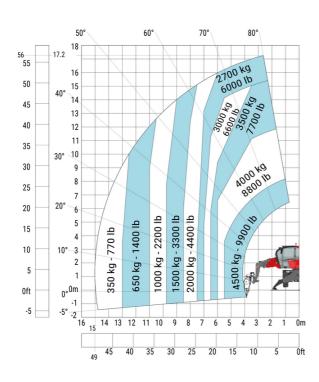
10° 4

30°¹¹

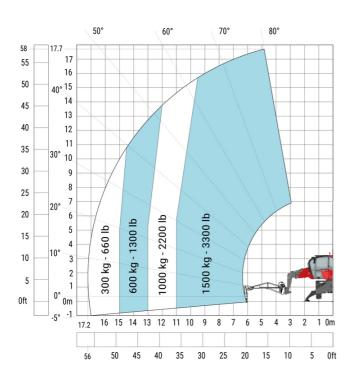
40°15

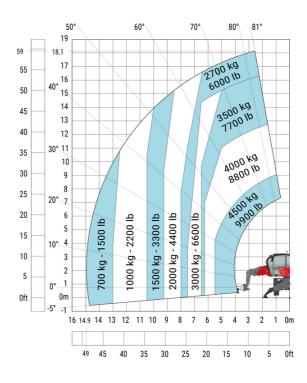
18.1

0ft

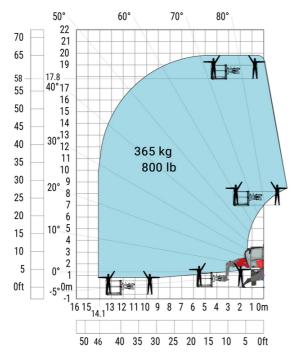


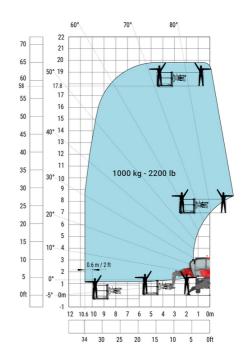






Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform Metric







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