Technical sheet :

MRT 1845 75

VISION

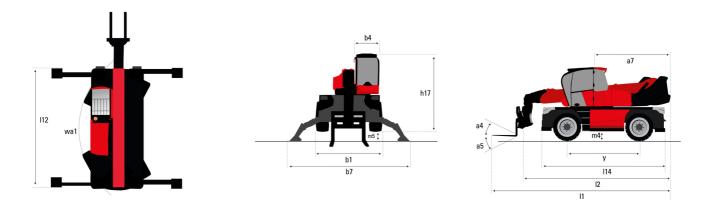




IRT 1845 75	Created on	May 2.	2024 a	at 3:19:58	AM UTC

	MRT 1845 75	Created on May 2, 2024 at 3:19:58 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	v	2.43 m
Tilt-up angle	a4	10 °
Tilt-down angle	a5	107 °
	aJ	400 ° or 360 °
Turret rotation / rotation (Max.)		
Overall weight	1/-/-	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		75 Hp / 55.40 kW
Max. torque / Engine rotation (min)		405 Nm @ 1300 rpm
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		25 km/h
Drawbar pull		9400 daN
•		
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Performances		
Gradeability (laden / unladen)		44.50 % / 44.50 %
Hydraulics		44.30 % / 44.30 %
		Variable diantecoment numn
Hydraulic pump type		Variable displacement pump
Hydraulic flow		116 l/min
Hydraulic Pressure		275 bar
Tank capacities		
Engine oil		11
Hydraulic oil		144 I
Fuel tank		130 l
Noise and vibration		
Noise at driving position (LpA)		68 dB
Noise to environment (LwA)		106 dB
Vibration to whole hand/arm		< 2.50 m/s²
Manufacture		
Miscellaneous		
Steering wheels (front / rear)		2/2
Steering wheels (front / rear)		2 / 2 2 Joysticks ROPS - FOPS level 2 cab

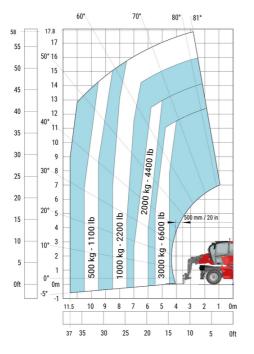
MRT 1845 75 - Dimensional drawing



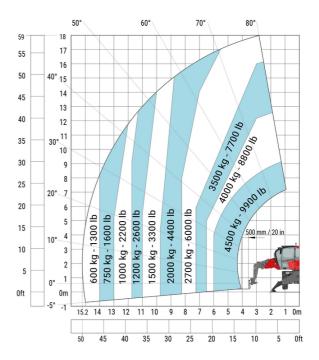
Other data		Metric
Length of frame	114	4.67 m
Wheelbase	у	2.43 m
Ground clearance	m4	0.37 m
Counterweight offset (turret at 90°)	а7	2.50 m
Tilt-up angle	a4	10 °
Tilt-down angle	a5	107 °
Overall length at stabilisers	112	4.41 m
External turning radius (over tyres)	Wa1	3.92 m
Overall width with stabilisers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

MRT 1845 75 - Load chart

Machine on tyres with forks Metric

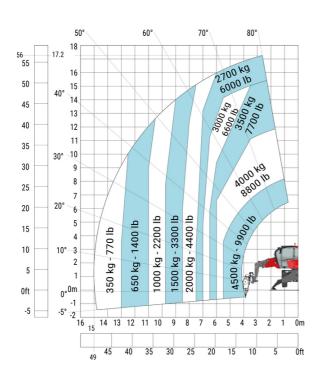


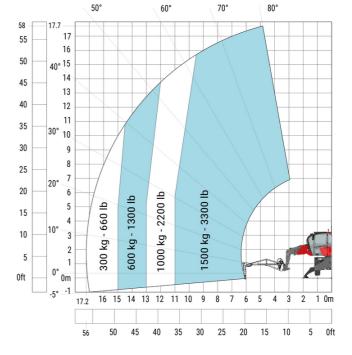
Machine on lowered stabilisers with forks Metric

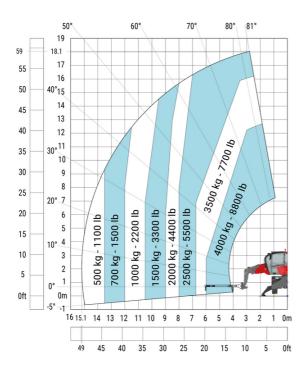


Machine on lowered stabilisers with winch 5000 kg Metric

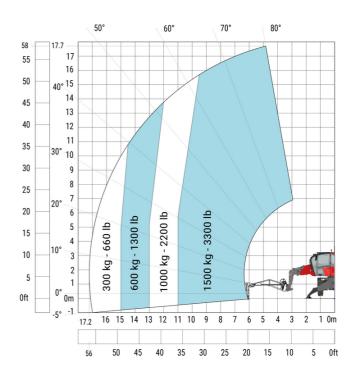
Machine on lowered stabilisers with 1500 kg jib Metric



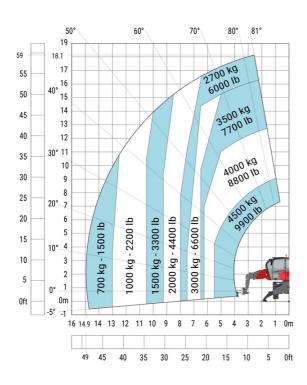




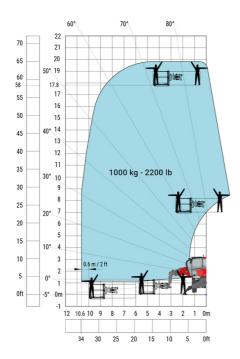
Machine on lowered stabilisers with 4000 kg jib (Metric) Machine on lowered stabilisers with 1500 kg jib with winch (Metric)

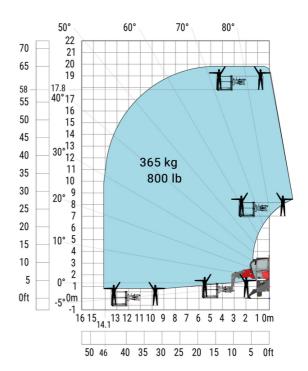


Machine on lowered stabilisers with hook 5000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric



Machine on lowered stabilisers with 1000 kg platform Metric







Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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