Technical sheet :

MRT-X 1845

VISION



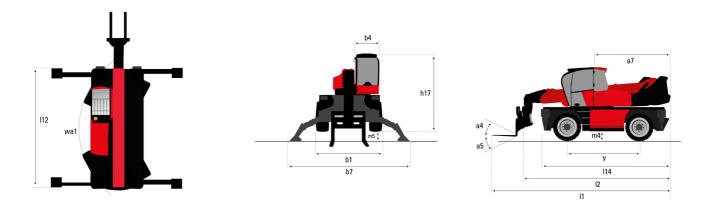


MRT-X 1845	Created on M	lav 5	2024 at	3.34.33	DM LITC
MRI-X1845	Greated Off IV	lay J,	ZUZ4 di	3.34.33	

	MRT-X 1845 Created on May 5, 2024 at 3:3	34:33
Capacities	Metric	
Max. capacity	4500 kg	
Max. lifting height	18 m	
Max. outreach	15.20 m	
Weight and dimensions		
Overall length (with forks)	l1 7.26 m	
Length to face of forks	l2 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	y 2.43 m	
Tilt-up angle	a4 10 °	
Tilt-down angle	a5 107 °	
Turret rotation	400 °	
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, C	Crab m
Stabilisers		
Stabs Type	Wing Type	_
Controls with stabs	Stabs Commands Individual or Si	imultar
Engine		
Engine brand	Deutz	_
Engine norm	Stage IIIA	
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	
Drawbar pull	9700 daN	
Parking brake	Automatic negative parking	1 hrake
	Oil-immersed multi-discs braking	
Service brake	axles	011 1101
Performances		
Gradeability (laden / unladen)	46.60 % / 50.90 %	
Hydraulics		
Hydraulic pump type	Variable displacement p	ump
Hydraulic flow	116 l/min	
Hydraulic Pressure	275 bar	
Tank capacities		
Engine oil	111	
Hydraulic oil	144	
Fuel tank	130	
Noise and vibration		
Noise at driving position (LpA)	68 dB	
Noise to environment (LwA)	106 dB	
Vibration to whole hand/arm	< 2.50 m/s ²	
Miscellaneous	 2.00 m/ 3 	
Steering wheels (front / rear)	2/2	
Controls	2 Joysticks	
Safety cab homologation	ROPS - FOPS level 2 ca	ah
Attachment recognition system (E-Reco)	Standard	
	Statuatu	

Metric				
4500 kg				
18 m				
15.20 m				
7.26 m				
6.06 m				
2.42 m				
3.04 m				
0.96 m				
0.37 m				
2.43 m				
10 °				
107 °				
400 °				
14100 kg				
1200 mm x 125 mm x 50 mm				
405/70-20				
2/2				
2 wheel steer, 4 wheel steer, Crab mode				
Wing Ture				
Wing Type				
Stabs Commands Individual or Simultaneous				
Deutz				
Stage IIIA				
TCD 3.6 L4				
116 Hp / 85 kW				
460 Nm @ 1600 rpm				
4 - 3620 cm ³				
Water cooled				
2 x 12 V				
120 Ah				
(EN)850 A				
Hydrostatic				
2 / 2				
9700 daN				
Automatic negative parking brake				
Oil-immersed multi-discs braking on front & rear axles				

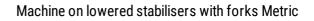
MRT-X 1845 - Dimensional drawing

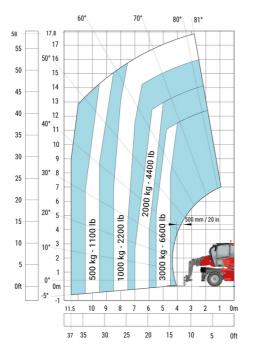


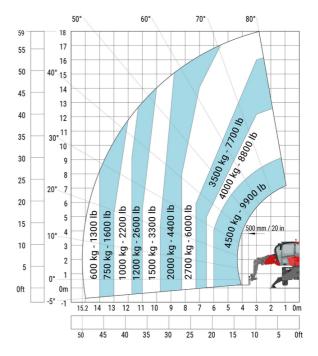
Other data		Metric
Length of frame	114	4.67 m
Wheelbase	у	2.43 m
Ground clearance	m4	0.37 m
Counterweight offset (turret at 90°)	а7	2.50 m
Tilt-up angle	a4	10 °
Tilt-down angle	a5	107 °
Overall length at stabilisers	112	4.41 m
External turning radius (over tyres)	Wa1	3.92 m
Overall width with stabilisers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

MRT-X 1845 - Load chart

Machine on tyres with forks Metric

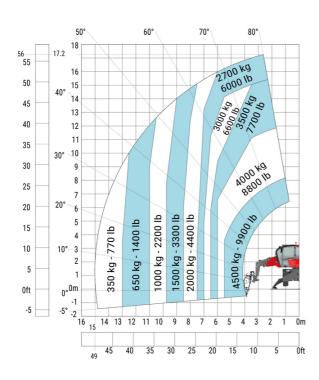


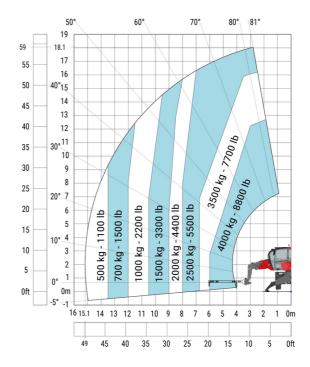




Machine on lowered stabilisers with winch 5000 kg Metric

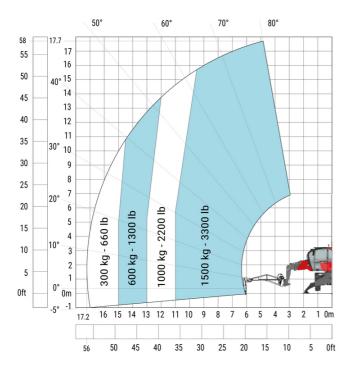
Machine on lowered stabilisers with 4000 kg jib (Metric)

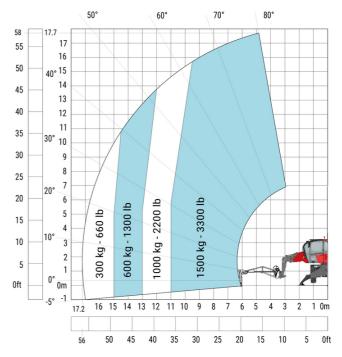




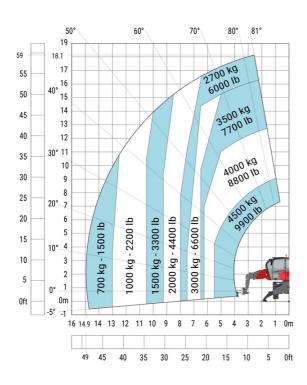
(Metric)

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

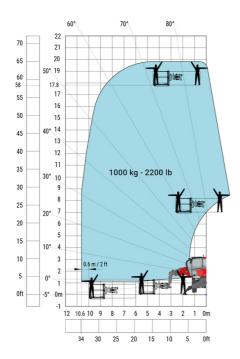


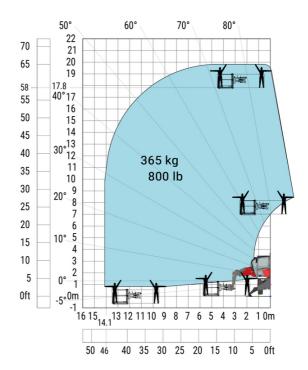


Machine on lowered stabilisers with hook 5000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric



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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