Technical sheet:

# **MRT-X 1845**

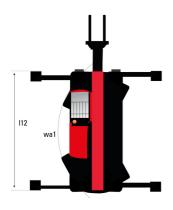
#### **VISION**

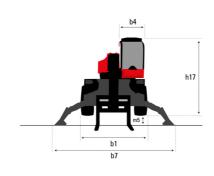


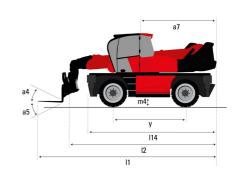


	<b>MRT-X 1845</b> Created on August 12, 2025 at 3:15 PM U
Capacities	Metric
Max. capacity	4500 kg
Max. lifting height	18 m
Maximum outreach	15.20 m
Weight and dimensions	
Overall length (with forks)	l1 7.26 m
ength to face of forks	12 6.06 m
Overall width	b1 2.42 m
Overall height	h17 3.04 m
Overall cab width	b4 0.96 m
Ground clearance	m4 0.37 m
Wheelbase	y 2.43 m
ilt-up angle	a4 10 °
ilt-down angle	a5 107°
Turret rotation	400 °
Overall weight	14100 kg
Forks length / width / section	I / e / s 1200 mm x 125 mm x 50 mm
Wheels	
Standard tires	405/70-20
Orive wheels (front / rear)	2/2
Steering mode	2 wheel steer, 4 wheel steer, Crab mode
Stabilisers	2 micel sizel, 4 micel sizel, stub mode
Stabilizers Type	Wing Type
Controls with stabs	Stabs Commands Individual or Simultaneous
Engine	Stabs Commands individual of Simultaneous
ingine brand	Deutz
•	
ingine norm	Stage IIIA TCD 3.6 L4
Engine model	
.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 cm³
Engine cooling system	Water cooled
Electric circuit	0.401/
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 brake
Service brake	Oil-immersed multi-discs braking on front & rear axles
Performances	UNICO
Gradeability (laden / unladen)	46.60 % / 50.90 %
lydraulics	40.00 % / 30.50 %
	Veriable displacement nump
Hydraulic pump type	Variable displacement pump
Hydraulic flow	116 l/min
lydraulic Pressure	275 bar
fank capacities	
ingine oil	111
uel tank	130 l
loise and vibration	
loise at driving position (LpA)	68 dB
loise to environment (LwA)	106 dB
fibration on hands/arms	< 2.50 m/s <sup>2</sup>
Miscellaneous	
Steering wheels (front / rear)	2/2
Controls	2 Joysticks
Cab certification	Cabin ROPS - FOPS level 2
Attachment recognition system (E-Reco)	Standard

## MRT-X 1845 - Dimensional drawing





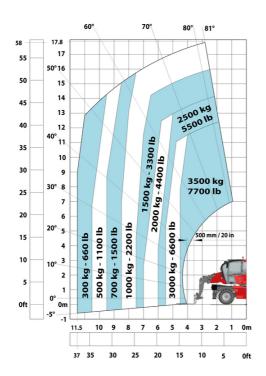


Other data	
Length of frame	
Wheelbase	
Ground clearance	
Counterweight offset (turret at 90°)	
Tilt-up angle	
Tilt-down angle	
Overall length at stabilisers	
External turning radius (over tyres)	
Overall width with stabilisers extended	
Overall height	
Ground clearance under front tires on stabilizers	

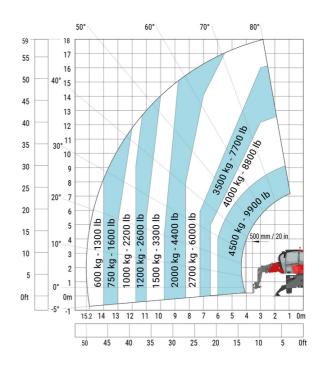
	Metric
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	10 °
a5	107 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m

## MRT-X 1845 - Load chart

#### Machine on tires with forks Metric

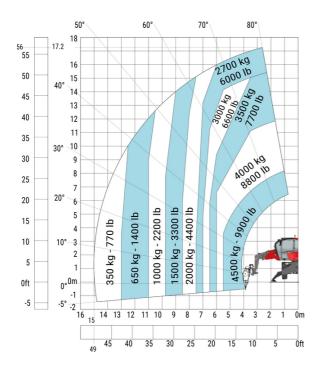


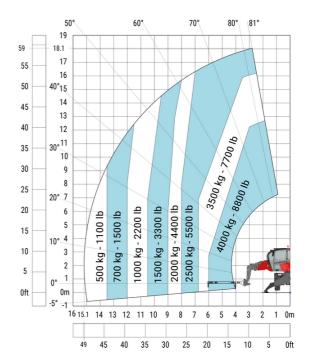
## Machine on lowered stabilisers with forks Metric



Machine on lowered stabilisers with winch 5000 kg Metric

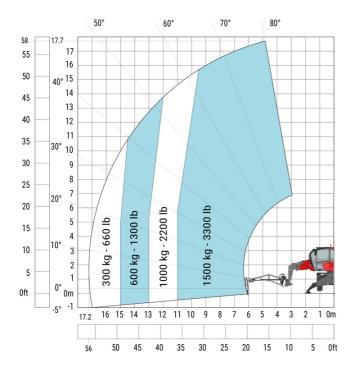
Machine on lowered stabilisers with 4000 kg jib (Metric)

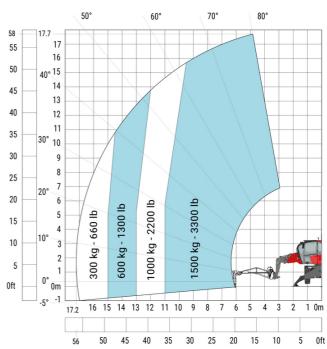




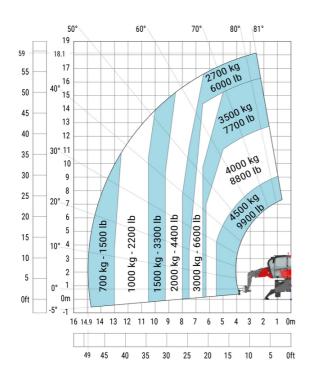
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with extensible jib with (Metric)

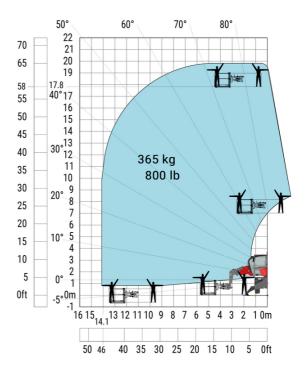
winch (Metric)



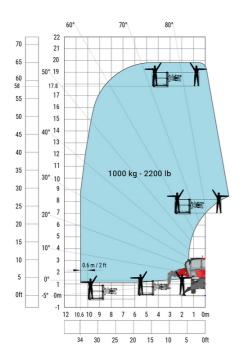


Machine on lowered stabilisers with hook 5000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric





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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