Technical sheet:

MRT-X 1845

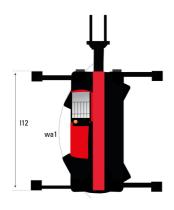
VISION

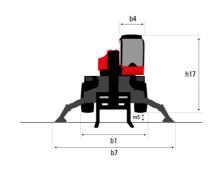


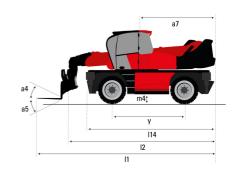


	MRT-X 1845 Created on May 2, 2024 at 11:04:16 AM L
Capacities	Metric
Max. capacity	4500 kg
Max. lifting height	18 m
Max. outreach	15.20 m
Veight and dimensions	
verall length (with forks)	l1 7.26 m
ength to face of forks	12 6.06 m
verall width	b1 2.42 m
verall height	h17 3.04 m
verall cab width	b4 0.96 m
round clearance	m4 0.37 m
/heelbase	y 2.43 m
ilt-up angle	a4 10 °
ilt-down angle	a5 107°
urret rotation	400 °
verall weight	14100 kg
orks length / width / section	I / e / s 1200 mm x 125 mm x 50 mm
/heels	
tandard tires	405/70-20
rive wheels (front / rear)	2/2
teering mode	2 wheel steer, 4 wheel steer, Crab mode
tabilisers	
tabs Type	Wing Type
controls with stabs	Stabs Commands Individual or Simultaneous
ngine	Stable Communities in a management of the stable communities and the stable communities are stable communities are stable communities and the stable communities are stable communities and the stable communiti
ngine brand	Deutz
ngine norm	Stage IIIA
ngine model	TCD 3.6 L4
C. Engine power rating / Power	116 Hp / 85 kW
fax. torque / Engine rotation (min)	460 Nm @ 1600 rpm
lumber of cylinders - Capacity of cylinders	4 - 3620 cm ³
ingine cooling system	Water cooled
lectric circuit	Hatai 55664
lumber of batteries / Battery voltage	2 x 12 V
2V Battery capacity	120 Ah
lattery starting current	(EN)850 A
ransmission	(2.1)000 11
ransmission type	Hydrostatic
umber of gears (forward / reverse)	2/2
rawbar pull	9700 daN
arking brake	Automatic negative parking brake
	Oil-immersed multi-discs braking on front & rea
ervice brake	axles
erformances	
radeability (laden / unladen)	46.60 % / 50.90 %
lydraulics	
ydraulic pump type	Variable displacement pump
lydraulic flow	116 l/min
ydraulic Pressure	275 bar
ank capacities	
ngine oil	111
ydraulic oil	144
uel tank	130
oise and vibration	
oise at driving position (LpA)	68 dB
loise to environment (LwA)	106 dB
fibration to whole hand/arm	< 2.50 m/s ²
Aiscellaneous	2.00 m, 0
teering wheels (front / rear)	2/2
controls	2 Joysticks
afety cab homologation	ROPS - FOPS level 2 cab
,	1010 1010 16461 2 640

MRT-X 1845 - Dimensional drawing





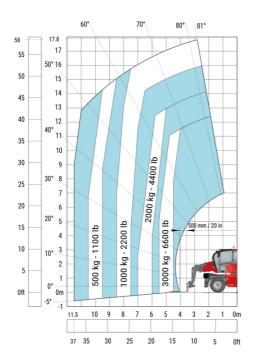


Other data	
Length of frame	
Wheelbase	
Ground clearance	
Counterweight offset (turret at 90°)	
Tilt-up angle	
Tilt-down angle	
Overall length at stabilisers	
External turning radius (over tyres)	
Overall width with stabilisers extended	
Overall height	
Ground clearance under front tires on stabilizers	

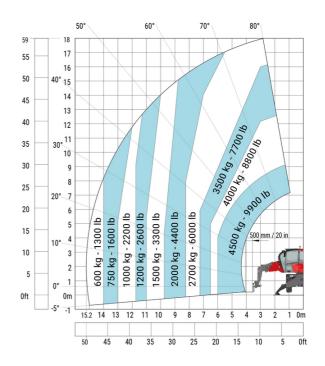
	Metric
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	10 °
a5	107 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m

MRT-X 1845 - Load chart

Machine on tyres with forks Metric

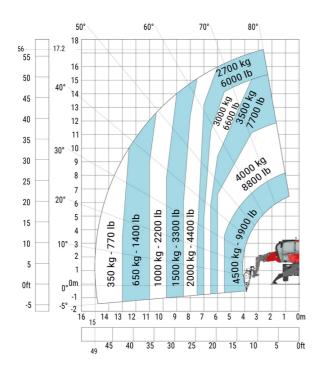


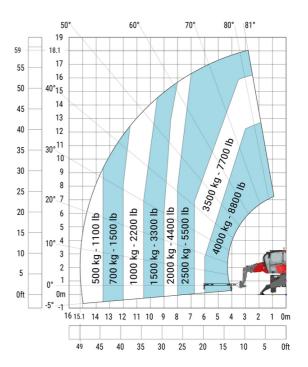
Machine on lowered stabilisers with forks Metric



Machine on lowered stabilisers with winch 5000 kg Metric

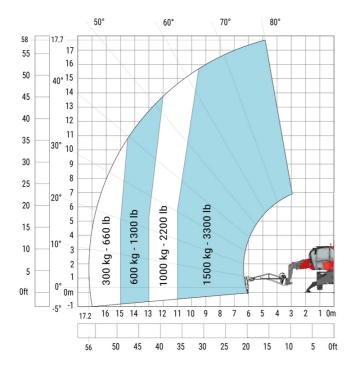
Machine on lowered stabilisers with 4000 kg jib (Metric)

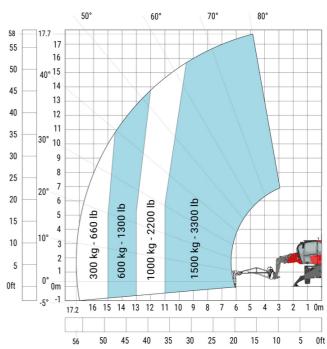




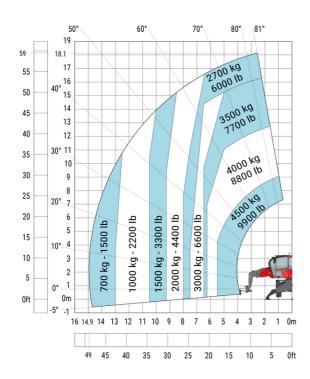
(Metric)

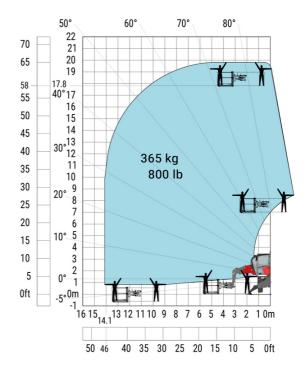
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with extensible jib with winch (Metric)



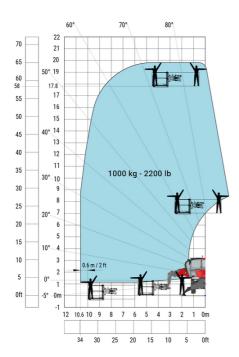


Machine on lowered stabilisers with hook 5000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric





Machine on lowered stabilisers with 1000 kg platform Metric







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