Technical sheet:

MRT-X 1845

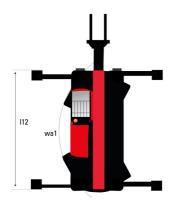
VISION

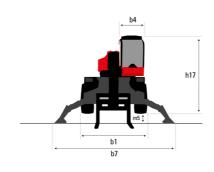


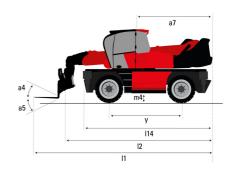


	MRT-X 1845 Created on September 9, 2025 at 8:58 PM
Capacities	Metric
Max. capacity	4500 kg
Max. lifting height	18 m
laximum outreach	15.20 m
eight and dimensions	
verall length (with forks)	I1 7.26 m
ength to face of forks	l2 6.06 m
verall width	b1 2.42 m
verall height	h17 3.04 m
verall cab width	b4 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 °
lverall 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
Steering mode	2 wheel steer, 4 wheel steer, Crab mode
tabilisers	E micei deci, 4 micei deci, diab mode
tabilizers Type	Wing Type
Controls with stabs	Stabs Commands Individual or Simultaneous
ngine	Stabs Commands individual of Simultaneous
ngine brand	Deutz
ngine norm	Stage IIIA
ngine model	TCD 3.6 L4
C. Engine power rating / Power	116 Hp / 85 kW
Aax. torque / Engine rotation (min)	460 Nm @ 1600 rpm
lumber of cylinders - Capacity of cylinders	4 - 3620 cm³
Engine cooling system	Water cooled
Electric circuit	water cooled
	2 x 12 V
lumber of batteries / Battery voltage	120 Ah
2V Battery capacity	
Battery starting current	(EN)850 A
ransmission	Hala Artis
ransmission type	Hydrostatic
lumber of gears (forward / reverse)	2/2
rawbar pull	9700 daN
arking brake	Automatic negative parking brake
Service brake	Oil-immersed multi-discs braking on front & rea axles
Performances	
radeability (laden / unladen)	46.60 % / 50.90 %
lydraulics	40.00 m 00.20 m
lydraulic pump type	Variable displacement pump
lydraulic flow	116 l/min
lydraulic Pressure	275 bar
ank capacities	273 bui
ngine oil	111
ngine on uel tank	130 I
	1301
oise and vibration	(0.40
oise at driving position (LpA)	68 dB
oise to environment (LwA)	106 dB
ibration on hands/arms	< 2.50 m/s²
Miscellaneous	
Steering wheels (front / rear)	2/2
Controls	2 Joysticks
Cab certification	Cabin ROPS - FOPS level 2

MRT-X 1845 - Dimensional drawing





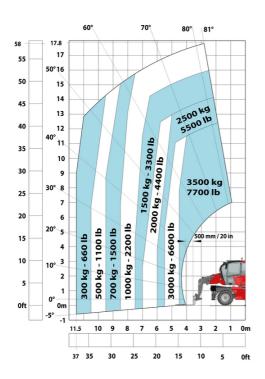


ther data
ength of frame
/heelbase
round clearance
ounterweight offset (turret at 90°)
ilt-up angle
ilt-down angle
verall length at stabilisers
xternal turning radius (over tyres)
verall width with stabilisers extended
verall height
round clearance under front tires on stabilizers

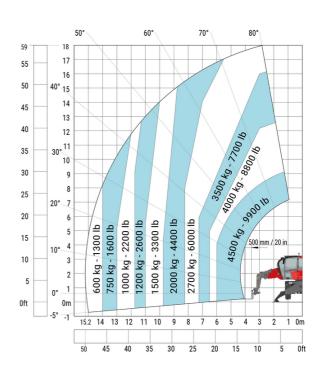
	Metric
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	10 °
a5	107 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m

MRT-X 1845 - Load chart

Machine on tires with forks Metric

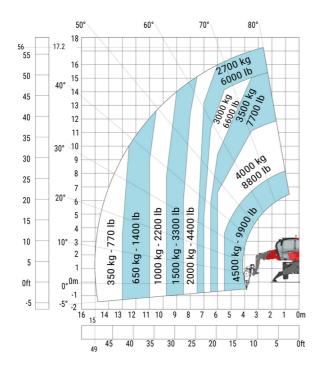


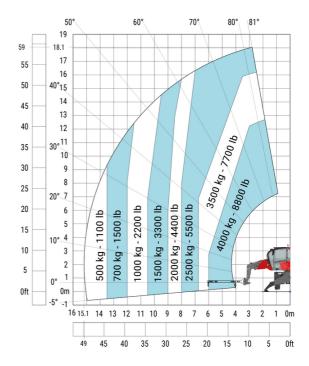
Machine on lowered stabilisers with forks Metric



Machine on lowered stabilisers with winch 5000 kg Metric

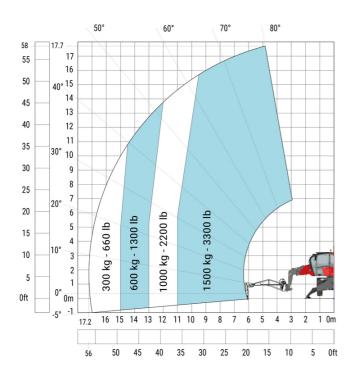
Machine on lowered stabilisers with 4000 kg jib (Metric)

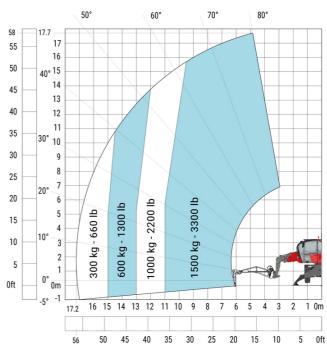




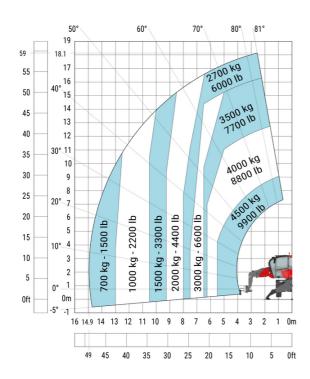
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with extensible jib with (Metric)

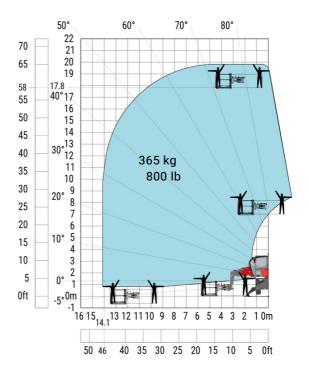
winch (Metric)



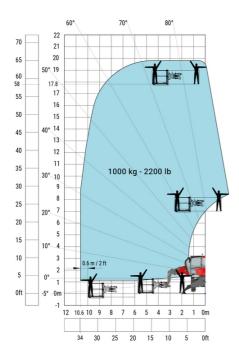


Machine on lowered stabilisers with hook 5000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric





Machine on lowered stabilisers with 1000 kg platform Metric







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