Technical sheet:

MRT-X 1645

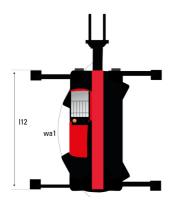
VISION

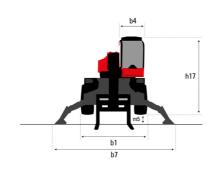


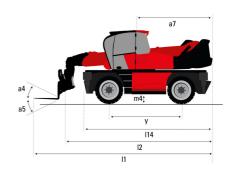


	MRT-X 1645 Created on May 2, 2024 a	
Capacities	Metric	
Max. capacity	4500 kg	
lax. lifting height	15.80 m	
lax. outreach	13.50 m	
leight and dimensions		
verall length (with forks)	I1 7.58 m	
ength to face of forks	12 6.38 m	
verall width	b1 2.42 m	
verall height	h17 3.04 m	
verall cab width	b4 0.96 m	
round clearance	m4 0.37 m	
heelbase	y 2.43 m	
ilt-up angle	a4 12 °	
It-down angle	a5 105°	
urret rotation	400 °	
verall weight	13305 kg	
•		
orks length / width / section	l / e / s 1200 mm x 125 mn	I X 30 IIIIII
heels	405/70.00	
andard tires	405/70-20)
rive wheels (front / rear)	2/2	
teering mode	2 wheel steer, 4 wheel st	teer, Crab mode
tabilisers		
tabs Type	Wing Type	
ontrols with stabs	Stabs Commands Individua	ıl or Simultaneous
ngine		
ngine brand	Deutz	
ngine norm	Stage IIIA	
ngine model	TCD 3.6 L	4
C. Engine power rating / Power	116 Hp / 85	kW
ax. torque / Engine rotation (min)	460 Nm @ 160	0 rpm
umber of cylinders - Capacity of cylinders	4 - 3620 cm	n³
ngine cooling system	Water coole	ed
lectric circuit		
umber of batteries / Battery voltage	2 x 12 V	
2V Battery capacity	120 Ah	
attery starting current	(EN)850 A	4
ransmission	(=1),330	
ransmission type	Hydrostati	r
umber of gears (forward / reverse)	2/2	•
ax. travel speed	40 km/h	
rawbar pull	9700 daN	
arking brake	Automatic negative p	
ervice brake	Oil-immersed multi-discs bra axles	iking on front & re
erformances		
radeability (laden / unladen)	46.60 % / 50.	90 %
ydraulics	40.00 %7 30.	90 N
ydraulic pump type	Variable displacem	ont numn
	Variable displacem	
ydraulic flow	116 l/min	
ydraulic Pressure	275 bar	
nk capacities		
ngine oil	111	
ydraulic oil	144	
uel tank	130 l	
oise and vibration		
oise at driving position (LpA)	68 dB	
oise to environment (LwA)	106 dB	
bration to whole hand/arm	< 2.50 m/s	32
liscellaneous		
teering wheels (front / rear)	2/2	
ontrols	2 Joystick	s
afety cab homologation	ROPS - FOPS leve	
ttachment recognition system (E-Reco)	Standard	

MRT-X 1645 - 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	

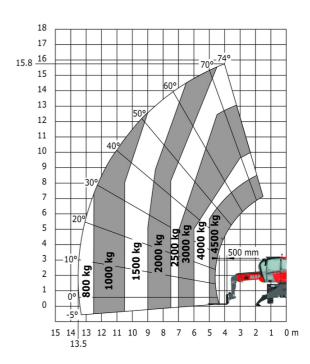
	Metric
	Medic
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	12 °
a5	105 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m

MRT-X 1645 - Load chart

Machine on tyres with forks Metric

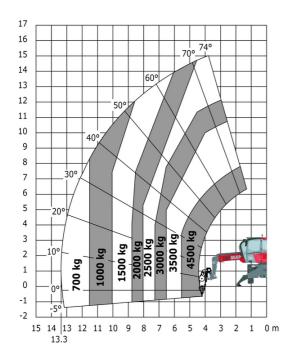
18 17 16 15.6 15 14 13 12 10 8 2000 kg 1500 kg 6 1000 kg 5 650 kg 400 kg 300 kg 3 10° 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 m

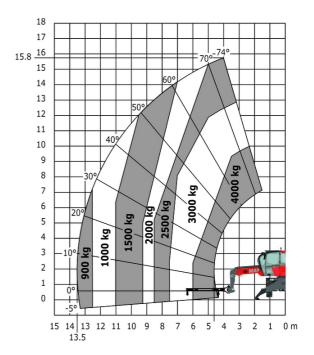
Machine on lowered stabilisers with forks Metric



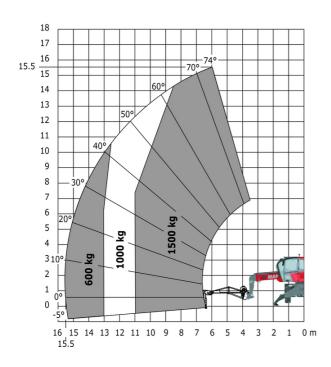
Machine on lowered stabilisers with winch 5000 kg Metric

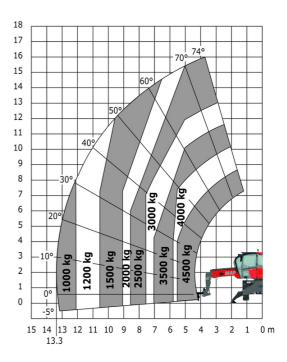
Machine on lowered stabilisers with 4000 kg jib (Metric)



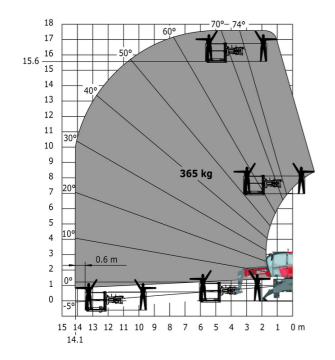


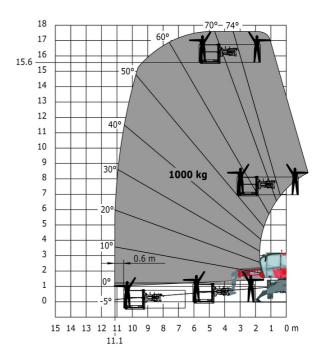
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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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