Technical sheet:

MRT-X 1645

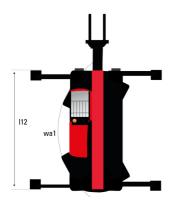
VISION

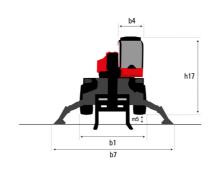


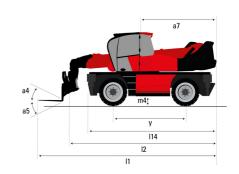


	MRT-x 1645 Created on 3 May 2024 at 20:18:26	
Capacities		Metric
Max. capacity		4500 kg
Max. lifting height		15.80 m
lax. outreach		13.50 m
/eight and dimensions		10.00
verall length (with forks)	l1	7.58 m
ength to face of forks	12	6.38 m
•		
verall width	b1	2.42 m
verall height	h17	3.04 m
verall cab width	b4	0.96 m
round clearance	m4	0.37 m
heelbase	у	2.43 m
ilt-up angle	a4	12 °
ilt-down angle	a5	105 °
urret rotation		400 °
verall weight		13305 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
· ,	01	
teering mode	Z WII	eel steer, 4 wheel steer, Crab mode
tabilisers		
tabs Type		Wing Type
ontrols with stabs	Stabs (Commands Individual or Simultaneous
ngine		
ngine brand		Deutz
ngine norm		Stage IIIA
ngine model		TCD 3.6 L4
C. Engine power rating / Power		116 Hp / 85 kW
lax. 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		Water cooled
lumber of batteries / Battery voltage		2 x 12 V
2V Battery capacity		120 Ah
attery starting current		(EN)850 A
ransmission		
ransmission type		Hydrostatic
umber of gears (forward / reverse)		2/2
lax. travel speed		40 km/h
rawbar pull		9700 daN
arking brake	A	utomatic negative parking brake
		rsed multi-discs braking on front & rea
ervice brake		axles
erformances		
radeability (laden / unladen)		46.60 % / 50.90 %
ydraulics		
ydraulic pump type		Variable displacement pump
ydraulic flow		116 I/min
ydraulic Pressure		275 bar
ank capacities		273 001
		11.1
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
ibration to whole hand/arm		< 2.50 m/s ²
ibiation to whole hand/aim		
liscellaneous		2/2
liscellaneous teering wheels (front / rear)		2 / 2
Infactor to whole rationaling film (fiscellaneous teering wheels (front / rear) controls afety cab homologation		2 / 2 2 Joysticks ROPS - FOPS level 2 cab

MRT-X 1645 - Dimensional drawing





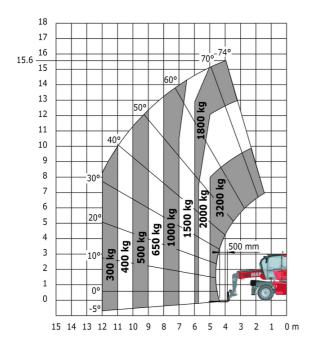


ther data	
ength of frame	
/heelbase	
round clearance	
counterweight offset (turret at 90°)	
ilt-up angle	
ilt-down angle	
verall length at stabilisers	
xternal turning radius (over tyres)	
verall width with stabilisers extended	
verall height	
round clearance under front tires on stabilizers	

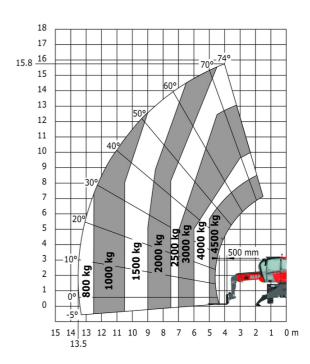
	Metric
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	12 °
a5	105 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m

MRT-X 1645 - Load chart

Machine on tyres with forks Metric

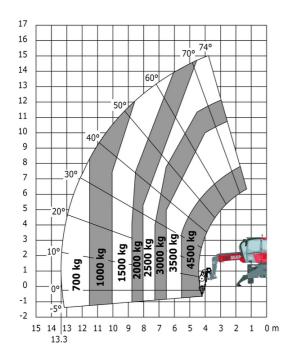


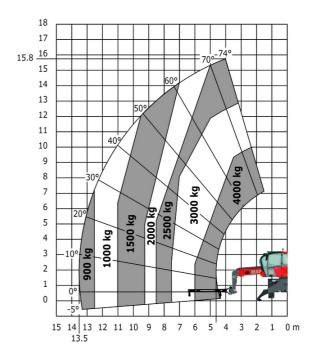
Machine on lowered stabilisers with forks Metric



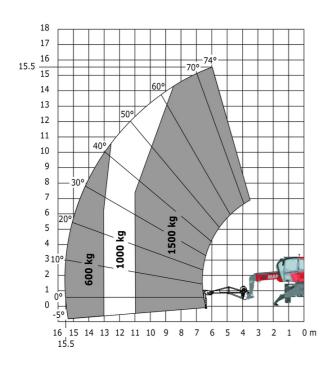
Machine on lowered stabilisers with winch 5000 kg Metric

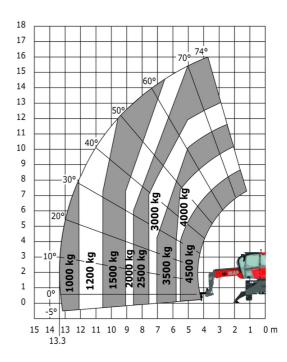
Machine on lowered stabilisers with 4000 kg jib (Metric)



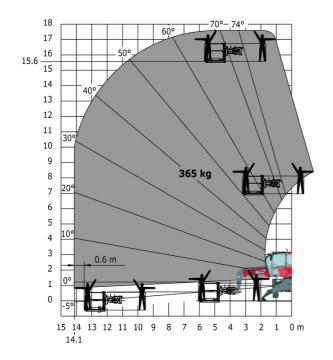


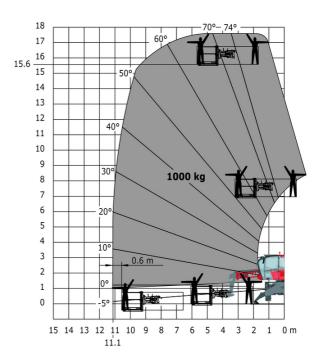
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform Metric









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