Technical sheet:

# **MRT-X 1645**

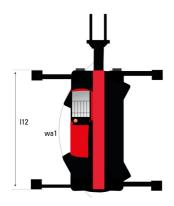
#### **VISION**

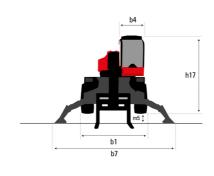


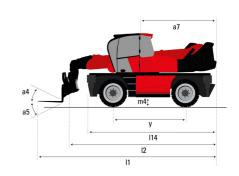


0 17	MRT-X 1645 Created on May 3, 2024 at 3:14:16	
Capacities	Metric	
lax. capacity	4500 kg	
lax. lifting height	15.80 m	
ax. outreach	13.50 m	
eight and dimensions		
verall length (with forks)	l1 7.58 m	
ength to face of forks	l2 6.38 m	
verall width	b1 2.42 m	
verall height	h17 3.04 m	
verall cab width	b4 0.96 m	
round clearance	m4 0.37 m	
heelbase	y 2.43 m	
It-up angle	a4 12 °	
It-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		
andard tires	405/70-20	
rive wheels (front / rear)	2/2	
eering mode	2 wheel steer, 4 wheel steer, Crab mo	ode
tabilisers	Z wheel Steel, 4 wheel Steel, Clab life	Jue
	Wing Type	
abs Type	- //	
ontrols with stabs	Stabs Commands Individual or Simultan	ieous
ngine		
ngine brand	Deutz	
ngine norm	Stage IIIA	
ngine model	TCD 3.6 L4	
C. Engine power rating / Power	116 Hp / 85 kW	
ax. torque / Engine rotation (min)	460 Nm @ 1600 rpm	
umber of cylinders - Capacity of cylinders	4 - 3620 cm³	
ngine cooling system	Water cooled	
lectric circuit		
umber 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	
ax. travel speed	40 km/h	
rawbar pull	9700 daN	
arking brake	Automatic negative parking brake	
aikiliy biake	Oil-immersed multi-discs braking on fron	
ervice brake	axles	it ox ic
erformances		
radeability (laden / unladen)	46.60 % / 50.90 %	
ydraulics		
ydraulic pump type	Variable displacement pump	
ydraulic flow	116 I/min	
	275 bar	
ydraulic Pressure	2/3 Dal	
ank capacities	**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	
bration to whole hand/arm	< 2.50 m/s <sup>2</sup>	
iscellaneous		
teering wheels (front / rear)	2/2	
ontrols	2 Joysticks	
afety cab homologation	ROPS - FOPS level 2 cab	
ttachment recognition system (E-Reco)	Standard	

## MRT-X 1645 - Dimensional drawing





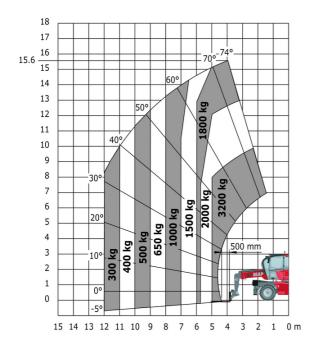


Other data	
Length of frame	
Wheelbase	
Ground clearance	
Counterweight offset (turret at 90°)	
Tilt-up angle	
Tilt-down angle	
Overall length at stabilisers	
External turning radius (over tyres)	
Overall width with stabilisers extended	
Overall height	
Ground clearance under front tires on stabilizers	

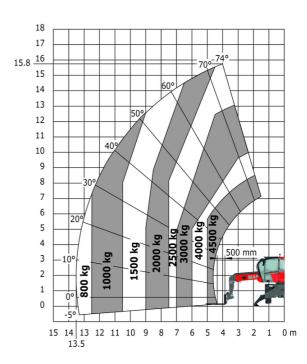
	Metric
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	12 °
a5	105 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m

### MRT-X 1645 - Load chart

### Machine on tyres with forks Metric

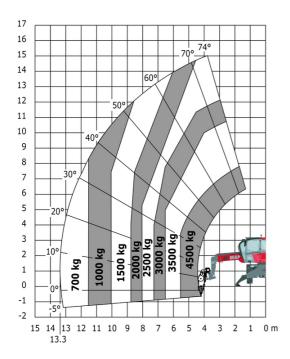


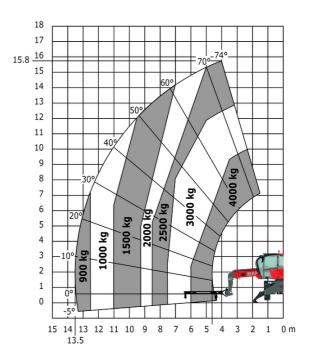
## Machine on lowered stabilisers with forks Metric



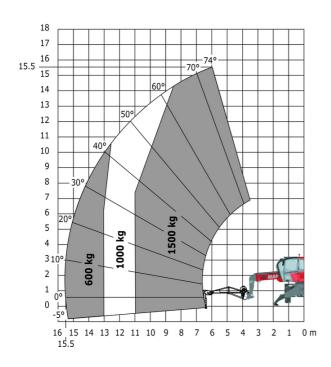
Machine on lowered stabilisers with winch 5000 kg Metric

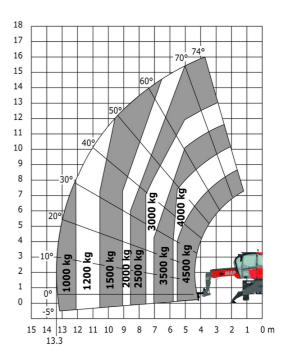
Machine on lowered stabilisers with 4000 kg jib (Metric)



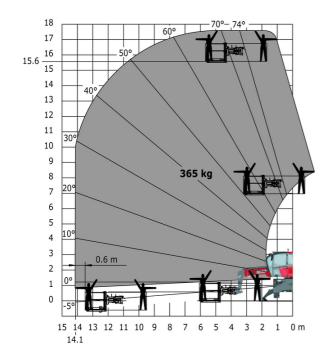


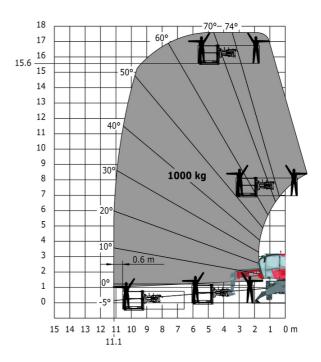
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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