Technical sheet:

# **MRT-X 1645**

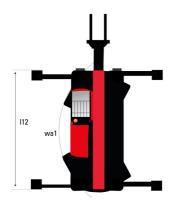
#### **VISION**

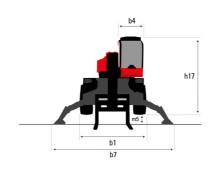


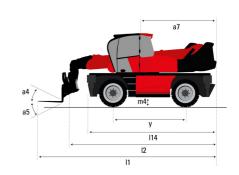


	MRT-X 1645 Created on 29 April 2024 at 21:13	3:57
Capacities	Metric	
Max. capacity	4500 kg	
fax. lifting height	15.80 m	
lax. outreach	13.50 m	
leight and dimensions		
verall length (with forks)	I1 7.58 m	
ength to face of forks	l2 6.38 m	
verall width	b1 2.42 m	
verall height	h17 3.04 m	
verall cab width	b4 0.96 m	
round clearance	m4 0.37 m	
heelbase		
	•	
it-up angle		
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	
teering mode	2 wheel steer, 4 wheel steer, Crab m	ode
abilisers abilisers		
abs Type	Wing Type	
ontrols with stabs	Stabs Commands Individual or Simulta	neous
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 cm <sup>3</sup>	
	Water cooled	
ngine cooling system	water cooled	
lectric circuit	010.1/	
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	,
ervice brake	Oil-immersed multi-discs braking on from	nt & re
	axles	
erformances		
radeability (laden / unladen)	46.60 % / 50.90 %	
ydraulics		
ydraulic pump type	Variable displacement pump	
ydraulic flow	116 l/min	
ydraulic Pressure	275 bar	
ank capacities		
igine oil	11	
rdraulic oil	144 I	
el tank	130	
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>	
	< 2.50 m/\$*	
iscellaneous		
leering wheels (front / rear)	2/2	
ontrols afety cab homologation	2 Joysticks	
	ROPS - FOPS level 2 cab	

## MRT-X 1645 - Dimensional drawing





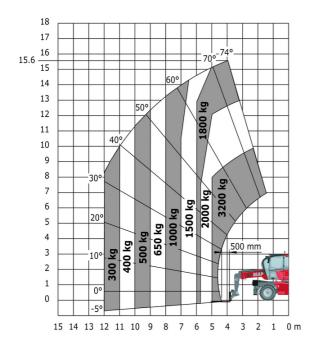


Other data	
ength of frame	
Vheelbase	
Ground clearance	
Counterweight offset (turret at 90°)	
Tilt-up angle	
ïlt-down angle	
Overall length at stabilisers	
External turning radius (over tyres)	
Overall width with stabilisers extended	
Overall height	
Fround clearance under front tires on stabilizers	

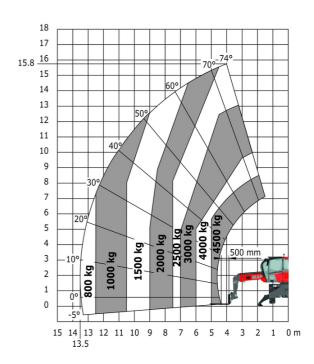
	Metric
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	12 °
a5	105 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m

#### MRT-X 1645 - Load chart

### Machine on tyres with forks Metric

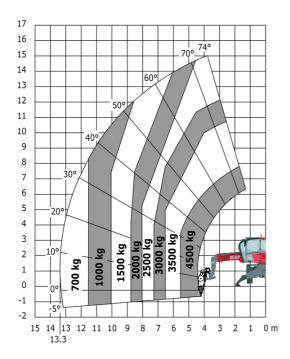


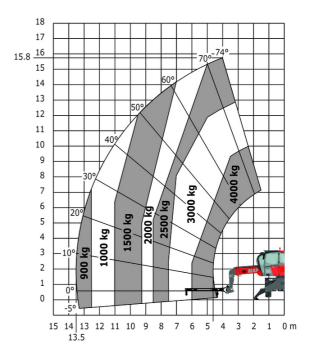
### Machine on lowered stabilisers with forks Metric



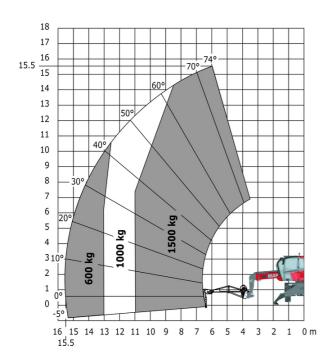
Machine on lowered stabilisers with winch 5000 kg Metric

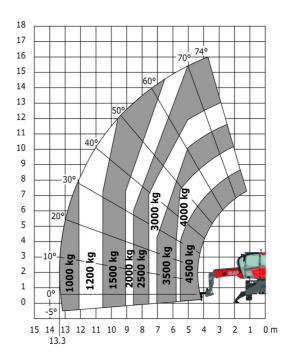
Machine on lowered stabilisers with 4000 kg jib (Metric)



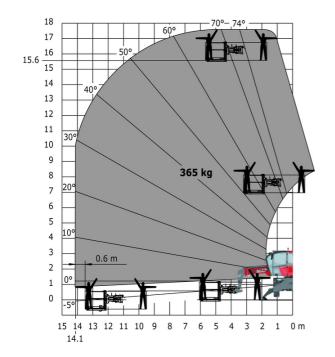


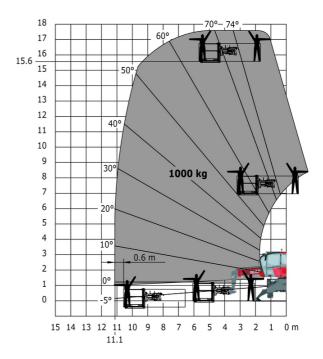
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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