Technical sheet:

# **MRT-X 1645**

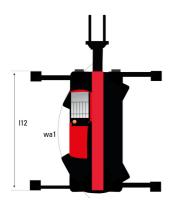
#### **VISION**

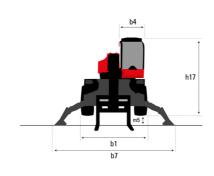


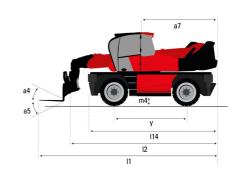


	MRT-X 1645 Created on May 2, 2024 at 8:14:35 P
Capacities	Metric
lax. capacity	4500 kg
lax. lifting height	15.80 m
ax. outreach	13.50 m
eight and dimensions	
verall length (with forks)	I1 7.58 m
ength to face of forks	l2 6.38 m
verall width	b1 2.42 m
verall height	h17 3.04 m
verall cab width	b4 0.96 m
round clearance	m4 0.37 m
heelbase	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	1/e/s 1200 mm x 123 mm x 30 mm
	405/70.00
andard tires	405/70-20
rive wheels (front / rear)	2/2
teering mode	2 wheel steer, 4 wheel steer, Crab mod
tabilisers	
abs Type	Wing Type
ontrols with stabs	Stabs Commands Individual or Simultane
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
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
·	9700 daN
rawbar pull	
arking brake	Automatic negative parking brake
ervice brake	Oil-immersed multi-discs braking on front axles
erformances	
radeability (laden / unladen)	46.60 % / 50.90 %
ydraulics	40.00 %
•	Variable displacement pump
ydraulic pump type	
ydraulic flow	116 l/min
ydraulic Pressure	275 bar
nk capacities	
ngine oil	111
ydraulic oil	144
uel tank	130
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 <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







ther data
ength of frame
heelbase
round clearance
ounterweight offset (turret at 90°)
It-up angle
lt-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

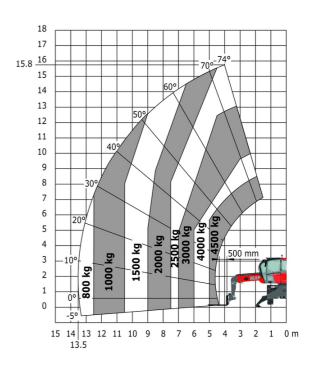
	Metric
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	12 °
a5	105 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m

### MRT-X 1645 - Load chart

## Machine on tyres with forks Metric

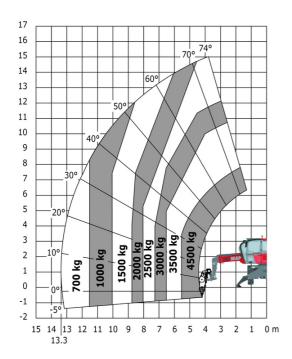
#### 18 17 16 15.6 15 14 13 12 40 10 8 2000 kg 1500 kg 6 1000 kg 5 650 kg 4 400 kg 300 kg 3 10° 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 m

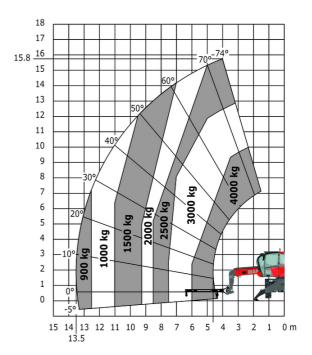
## Machine on lowered stabilisers with forks Metric



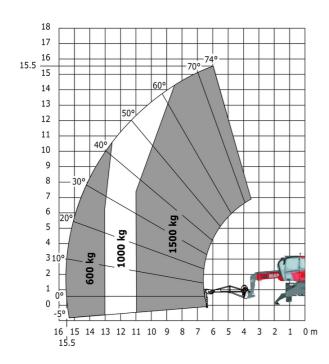
Machine on lowered stabilisers with winch 5000 kg Metric

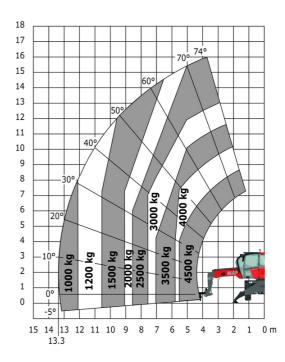
Machine on lowered stabilisers with 4000 kg jib (Metric)



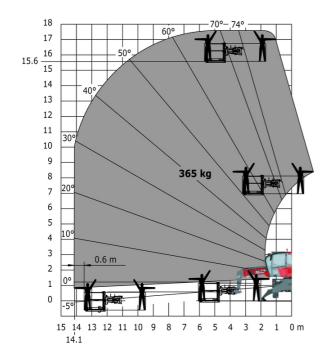


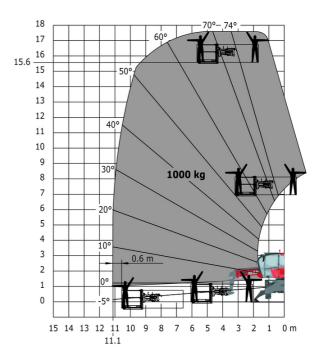
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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