Technical sheet:

# **MRT-X 2145**

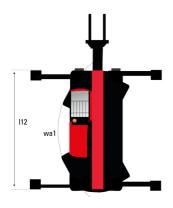
### **VISION**

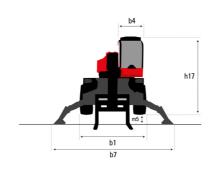


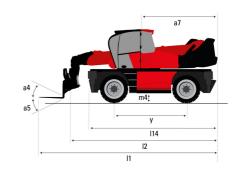


pacities  X. capacity  X. capacity  X. ilifting height  Xximum outeach  Jight and dimensions  erall length (with forks)  night to face of forks  erall width  erall height  erall ab width  bound clearance  neelbase  t-up angle  t-down angle  ret rotation  erall weight  rks length / width / section  neels  underd tires  we wheels (front / rear)  ering mode  join gine  gine brand gine norm gine model  Engine power rating / Power  xx. torque / Engine rotation (min)  mber of cylinders - Capacity of cylinders  gine cooling system  settle circuit  mber of batteries / Battery voltage  V Battery capacity  U Street capacity  U Street capacity  Watters capacity  U Street capacity	11 12 b1 h17 b4 m4 y a4 a5	Metric 4500 kg 20.60 m 18 m  7.93 m 6.73 m 2.48 m 3.04 m 0.96 m 0.37 m 2.73 m 10 °
ix. lifting height iximum outreach light and dimensions erall length (with forks) ingth to face of forks erall width erall height erall ab width bound clearance ineelbase thup angle thdown angle retrotation erall wight / section erall vight /	l2 b1 h17 b4 m4 y a4	20.60 m  18 m  7.93 m 6.73 m 2.48 m 3.04 m 0.96 m 0.37 m 2.73 m 10 °
aximum outreach sight and dimensions erall length (with forks) ingth to face of forks erall width erall ab width  und clearance seelbase t-up angle t-down angle met rotation erall weight rks length / width / section seels seels we wheels (front / rear) seeing mode shibilizers type introls with stabs gine gine prand gine prome gine model  Engine power rating / Power ixx torque / Engine rotation (min) mber of cylinders - Capacity of cylinders gine cooling system set of Stateries / Battery voltage V Battery capacity V Battery capacity	l2 b1 h17 b4 m4 y a4	18 m 7.93 m 6.73 m 2.48 m 3.04 m 0.96 m 0.37 m 2.73 m 10 °
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erall width erall height erall cab width  pund clearance heelbase hetup angle hetdown angle ret rotation erall weight rks length / width / section heels handard tires heels (front / rear) heering mode hiblitzers Type hntrols with stabs gine gine brand gine norm gine model heering power rating / Power kx. torque / Engine rotation (min) hember of cylinders - Capacity of cylinders gine cooling system heering statery capacity  V Battery capacity  V Battery capacity	b1 h17 b4 m4 y a4	2.48 m 3.04 m 0.96 m 0.37 m 2.73 m 10 °
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erall cab width bund clearance heelbase t-up angle t-down angle met rotation erall weight rks length / width / section heels h	b4 m4 y a4 a5	0.96 m 0.37 m 2.73 m 10 ° 107 °
cound clearance neelbase thup angle thdown angle met notation erall weight rks length / width / section neels notadrd tres we wheels (front / rear) retring mode abilisers rotation suit stabs gine gine brand gine norm gine norm gine power rating / Power ext. torque / Engine rotation (min) mber of cylinders - Capacity of cylinders gine cooling system extric circuit mber of batteries / Battery voltage V Battery capacity	m4 y a4 a5	0.37 m 2.73 m 10 ° 107 °
teelbase t-up angle t-down angle rret rotation erall weight rks length / width / section neels andard tires we wheels (front / rear) retring mode abilisers tibilizers Type mitrols with stabs gine gine gine brand gine norm gine model  Engine power rating / Power ax. torque / Engine rotation (min) mber of cylinders - Capacity of cylinders gine cooling system actric circuit mber of batteries / Battery voltage V Battery capacity	y a4 a5	2.73 m 10 ° 107 °
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rks length / width / section  neels  andard tires  we wheels (front / rear)  sering mode  shillsers  shillzers Type  ntrols with stabs  gine  gine  gine  gine pomm  gine power rating / Power  sax. torque / Engine rotation (min)  mber of cylinders - Capacity of cylinders  gine cooling system  settic circuit  mber of batteries / Battery voltage  V Battery capacity	I/e/s	400 °
rks length / width / section  neels  andard tires  we wheels (front / rear)  sering mode  shillsers  shillzers Type  ntrols with stabs  gine  gine  gine  gine pomm  gine power rating / Power  sax. torque / Engine rotation (min)  mber of cylinders - Capacity of cylinders  gine cooling system  settic circuit  mber of batteries / Battery voltage  V Battery capacity	l/e/s	14900 kg
neels andard tires we wheels (front / rear) eering mode abilisers abilizers Type introls with stabs gine gine brand gine norm gine model . Engine power rating / Power ax. torque / Engine rotation (min) mber of cylinders - Capacity of cylinders gine cooling system actic circuit mber of batteries / Battery voltage		1200 mm x 125 mm x 50 mm
andard tires  we wheels (front / rear)  pering mode  abilisers  abilizers Type  introls with stabs  gine  gine brand  gine norm  gine model  . Engine power rating / Power  ax. torque / Engine rotation (min)  mber of cylinders - Capacity of cylinders  gine cooling system  actic circuit  mber of batteries / Battery voltage  V Battery capacity		
ve wheels (front / rear) eering mode abilisers abilisers Type introls with stabs gine gine gine brand gine norm gine model . Engine power rating / Power ax. torque / Engine rotation (min) mber of cylinders - Capacity of cylinders gine cooling system actic circuit mber of batteries / Battery voltage		18-19,5
eering mode abilisers abilizers Type antrols with stabs gine gine brand gine norm gine model . Engine power rating / Power ax. torque / Engine rotation (min) amber of cylinders - Capacity of cylinders gine cooling system actic circuit amber of batteries / Battery voltage V Battery capacity		2/2
abilizers Type introls with stabs  gine gine gine brand gine norm gine model . Engine power rating / Power ax. torque / Engine rotation (min) mber of cylinders - Capacity of cylinders gine cooling system actic circuit mber of batteries / Battery voltage V Battery capacity		2 wheel steer, 4 wheel steer, Crab mode
abilizers Type Introls with stabs  gine  gine brand gine norm gine model  Engine power rating / Power  Ext. torque / Engine rotation (min)  Imber of cylinders - Capacity of cylinders gine cooling system  Extinct Circuit  Imber of batteries / Battery voltage  V Battery capacity		2 miles etce, 1 miles etce, out more
ntrols with stabs  gine  gine brand  gine norm  gine model  . Engine power rating / Power  ext. torque / Engine rotation (min)  mber of cylinders - Capacity of cylinders  gine cooling system  ectic circuit  mber of batteries / Battery voltage		Spider Type
gine gine brand gine norm gine model . Engine power rating / Power ax. torque / Engine rotation (min) mber of cylinders - Capacity of cylinders gine cooling system actic circuit mber of batteries / Battery voltage		Stabs Commands Individual or Simultaneous
gine brand gine norm gine model . Engine power rating / Power ax. torque / Engine rotation (min) mber of cylinders - Capacity of cylinders gine cooling system actic circuit mber of batteries / Battery voltage		Stabs Commands Individual of Simultaneous
gine norm gine model . Engine power rating / Power ax. torque / Engine rotation (min) mber of cylinders - Capacity of cylinders gine cooling system actric circuit mber of batteries / Battery voltage		Deutz
gine model  . Engine power rating / Power  ax. torque / Engine rotation (min)  Imber of cylinders - Capacity of cylinders  gine cooling system  actric circuit  Imber of batteries / Battery voltage		Stage IIIA
Engine power rating / Power ax. torque / Engine rotation (min) mber of cylinders - Capacity of cylinders gine cooling system actic circuit mber of batteries / Battery voltage V Battery capacity		TCD 3.6 L4
ax. torque / Engine rotation (min) mber of cylinders - Capacity of cylinders gine cooling system actric circuit mber of batteries / Battery voltage V Battery capacity		
mber of cylinders - Capacity of cylinders gine cooling system ectric circuit mber of batteries / Battery voltage V Battery capacity		116 Hp / 85 kW
gine cooling system  actric circuit  mber of batteries / Battery voltage  V Battery capacity		460 Nm @ 1600 rpm 4 - 3620 cm <sup>3</sup>
re <mark>ctric circuit</mark> Imber of batteries / Battery voltage  V Battery capacity		
mber of batteries / Battery voltage V Battery capacity		Water cooled
V Battery capacity		2 v 12 V
		2 x 12 V
		120 Ah
ttery starting current		(EN)850 A
ansmission		W. L. + S
ansmission type		Hydrostatic
mber of gears (forward / reverse)		2/2
ax. travel speed		40 km/h
awbar pull		97000 daN
rking brake		Automatic negative parking brake
rvice brake		Oil-immersed multi-discs braking on front & rea axles
dormances		axies
rformances adeability (laden / unladen)		48.70 % / 49.80 %
draulics		40.70 % / 49.00 %
		Verichle dienlessment numn
draulic pump type		Variable displacement pump
draulic flow		116 l/min
draulic Pressure		275 bar
nk capacities		
gine oil		111
el tank		133 l
ise and vibration		
ise at driving position (LpA)		68 dB
ise to environment (LwA)		106 dB
oration on hands/arms		< 2.50 m/s <sup>2</sup>
scellaneous		
pering wheels (front / rear)		2/2
ntrols		2 Joysticks
b certification		Cabin ROPS - FOPS level 2

## MRT-X 2145 - Dimensional drawing





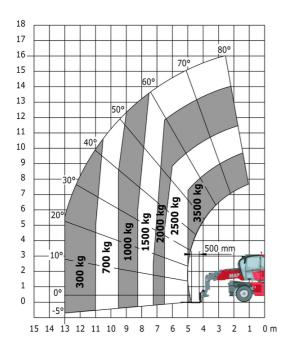


Other data	
Length of frame	
Wheelbase	
Ground clearance	
Counterweight offset (turret at 90°)	
Tilt-up angle	
Tilt-down angle	
Overall length at stabilisers	
External turning radius (over tyres)	
Overall width with stabilisers extended	
Overall height	
Ground clearance under front tires on stabilizers	

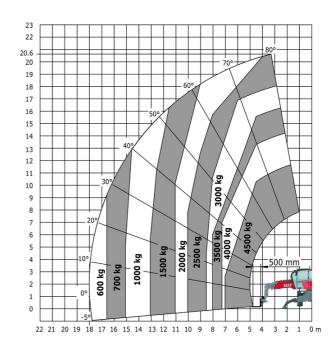
	Metric
l14	4.97 m
у	2.73 m
m4	0.37 m
a7	2.50 m
a4	10 °
a5	107 °
l12	4.71 m
Wa1	4.16 m
b7	4.98 m
h17	3.04 m
m5	0.18 m

MRT-X 2145 - Load chart

### Machine on tires with forks Metric

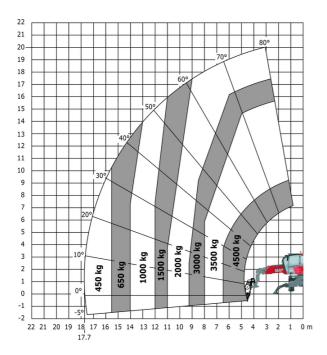


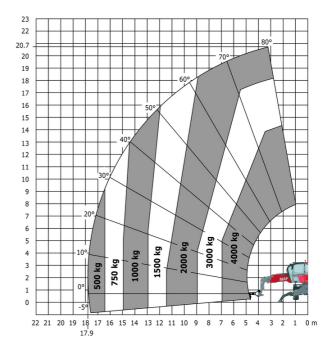
## Machine on lowered stabilisers with forks Metric



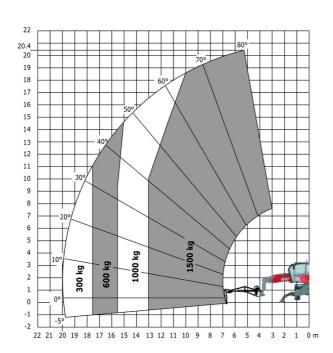
Machine on lowered stabilisers with winch 5000 kg Metric

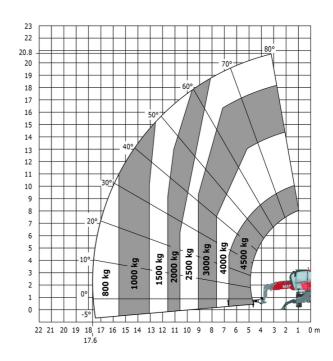
Machine on lowered stabilisers with 4000 kg jib (Metric)



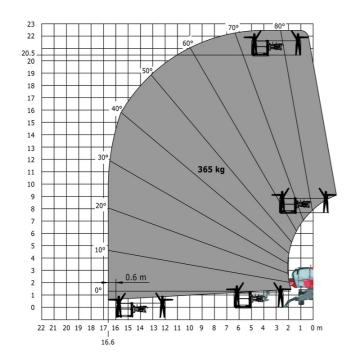


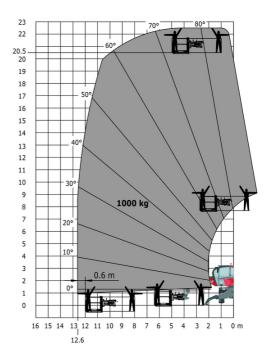
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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