Technical sheet :

MRT-X 2550 PRIVILEGE PLUS

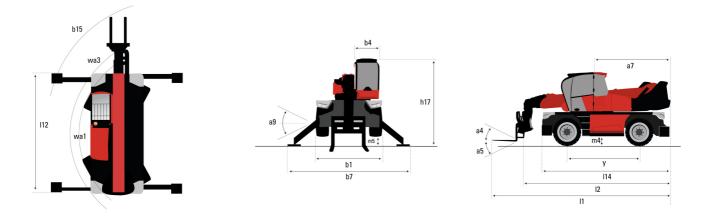




mrt-x 2550 privilege plus Created on July 3, 2025 at 7:35 PM UTC

		MRT-X 2550 PRIVILEGE PL	
Capacities		Metric	Imperial
fax. capacity		4999 kg	11021 lb
/lax. lifting height		24.70 m	81 ft
laximum outreach		21.40 m	70 ft 3 in
/eight and dimensions			
verall length (with forks)	11	9.04 m	29 ft 8 in
ength to face of forks	12	7.84 m	25 ft 9 in
verall width	b1	2.49 m	8 ft 2 in
verall height	h17	3.05 m	10 ft
verall cab width	b4	0.99 m	3 ft 3 in
uter frame turning radius	Wa3	5.23 m	17 ft 2 in
round clearance	m4	0.35 m	1 ft 2 in
heelbase	у	3.05 m	10 ft
It-up angle	a4	13 °	13 °
lt-down angle	a5	102 °	102 °
Irret rotation		360 °	360 °
verall weight		18900 kg	41667 lb
orks length / width / section	l / e / s	1200 mm x 150 mm x 50 mm	47 in x 6 in x 2 in
heels			
res type		Pneumatic	Pneumatic
andard tires		445/65 R22,5	445/65 R22,5
ive wheels (front / rear)		2 / 2	2/2
abilisers			
abilizers Type		Telescopic Duplex	Telescopic Duplex
ontrols with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneous
igine			
ngine brand		Mercedes	Mercedes
igine norm		Stage IIIA / Tier 3	Stage IIIA / Tier 3
igine model		OM 904 LA. E3A/2	OM 904 LA. E3A/2
C. Engine power rating / Power / Engine rotation		150 Hp / 110 kW @ 1600 rpm	150 Hp / 110 kW @ 1600 rpm
ax. torque / Engine rotation (min)		580 Nm @ 1200 rpm	428 ft/lbs @ 1200 rpm
umber of cylinders - Capacity of cylinders		4 - 4250 cm ³	4 - 259 in ³
jection		engine Injection direct	engine Injection direct
ngine cooling system		Water	Water
lectric circuit		Walci	Water
		2 x 12 V	2 x 12 V
umber of batteries / Battery voltage		120 Ah	120 Ah
2V Battery capacity		120 All	120 All
ransmission		Liukeetetie	Understatio
ansmission type		Hydrostatic	Hydrostatic
umber of gears (forward / reverse)		2 / 2 10 km/k	2/2
ax. travel speed		40 km/h	25 mph
rawbar pull		8700 daN	8700 daN
arking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
ervice brake		Hydraulic	Hydraulic
ydraulics			
rdraulic pump type		Gear pump	Gear pump
ydraulic flow		115 l/min	30 US gpm
ydraulic Pressure		275 bar	3989 PSI
ank capacities			
ngine oil		14 I	4 US gal
iel tank		305 I	81 US gal
pise and vibration			
pise at driving position (LpA)		79.70 dB	79.70 dB
pise to environment (LwA)		108 dB	108 dB
bration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
iscellaneous			
eering wheels (front / rear)		2 / 2	2 / 2
ontrols		2 Joysticks	2 Joysticks
ab certification		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2
ttachment recognition system (E-Reco)		Standard	Standard

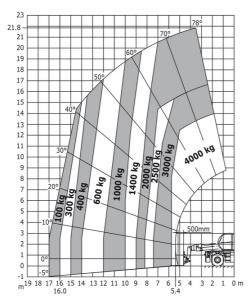
MRT-X 2550 Privilege Plus - Dimensional drawing



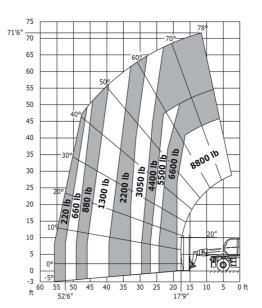
Other data		Metric	Imperial
Length of frame	114	5.35 m	17 ft 7 in
Wheelbase	У	3.05 m	10 ft
Ground clearance	m4	0.35 m	1 ft 2 in
Counterweight offset (turret at 90°)	а7	3.18 m	10 ft 5 in
Tilt-up angle	a4	13 °	13 °
Tilt-down angle	a5	102 °	102 °
Overall length at stabilisers	112	5.19 m	17 ft
Outer frame turning radius	Wa3	5.23 m	17 ft 2 in
Outer turning radius (with forks)	b15	6.92 m	22 ft 8 in
Overall width with stabilisers extended	b7	5.55 m	18 ft 3 in
Overall height	h17	3.05 m	10 ft
Frame leveling corrector	a9	+/- 8 °	+/- 8 °
Ground clearance under front tires on stabilizers	m5	0.23 m	9 in

MRT-X 2550 Privilege Plus - Load chart

Machine on tires with forks Metric

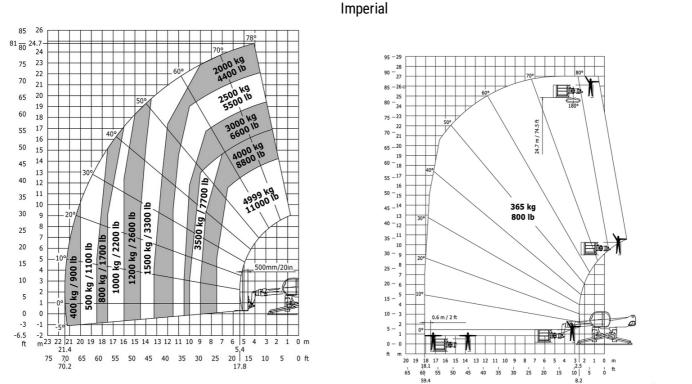


Machine on tires with forks Imperial

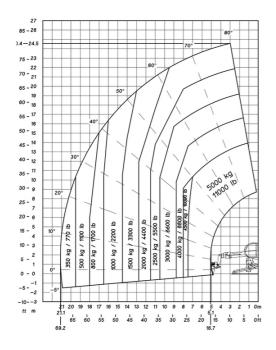


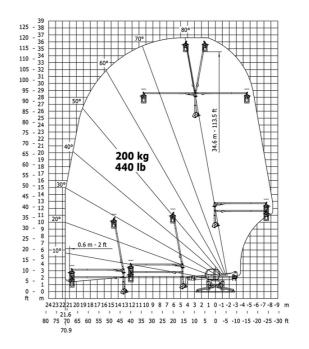
Machine on lowered stabilisers with 365/1000 kg platform

Machine on lowered stabilisers with forks Metric



Machine on lowered stabilisers with winch 5000 kg Metric Machine on lowered stabilisers with 3D positive / negative Imperial



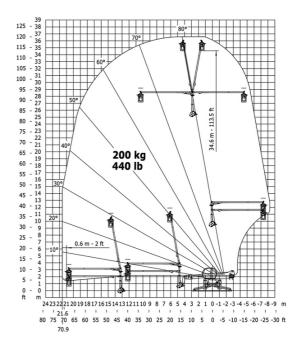


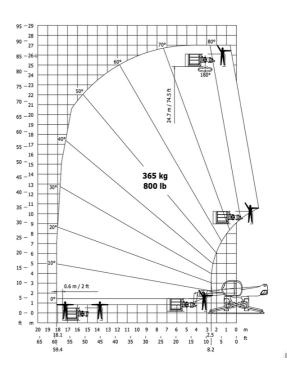
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Machine on lowered stabilisers with 1500 kg jib Metric

Machine on lowered stabilisers with 1000 kg platform Metric

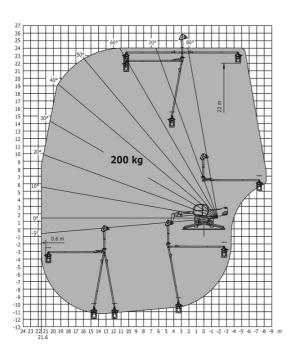
Machine on lowered stabilisers with 3D positive Metric





chine of lowered stabilisers with 1500 kg jib Metric

1000 kg platform Machine on lowered sta





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