Technical sheet:

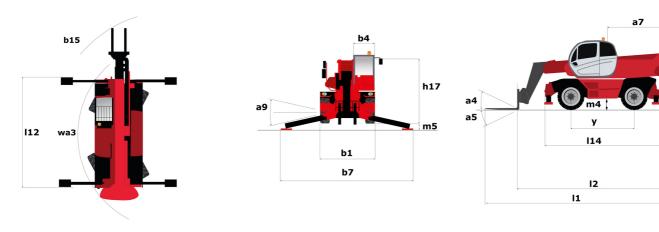
MRT 2550 PRIVILEGE PLUS





			Created on April 26, 2024 at 8:24:57 AM
Capacities		Metric	Imperial
Лах. capacity		4999 kg	11021 lb
Max. lifting height		24.70 m	81 ft
fax. outreach		21.40 m	70 ft 3 in
eight and dimensions			
verall length (with forks)	I1	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 °
It-down angle	a5	102 °	102 °
urret rotation	85	360 °	360 °
rerall weight		18900 kg	41667 lb
•	l/e/s	1200 mm x 150 mm x 50 mm	47 in x 6 in x 2 in
orks length / width / section	1/e/s	1200 mm x 150 mm x 50 mm	47 III X 6 III X 2 III
heels		Desimation	Do assert de
es type		Pneumatic	Pneumatic
andard tires		445/65 R22,5	445/65 R22,5
ive wheels (front / rear)		2 / 2	2 / 2
eering mode		2 wheel steer, 4 wheel steer, Crab mode	2 wheel steer, 4 wheel steer, Crab mode
abilisers			
abs Type		Telescopic Duplex	Telescopic Duplex
ntrols with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneou
gine			
gine brand		Mercedes	Mercedes
gine norm		Stage IV / Tier 4 Final	Stage IV / Tier 4 Final
gine model		OM 934 LA.E4-5	OM 934 LA.E4-5
. Engine power rating / Power / Engine rotation		156 Hp / 115 kW @ 1600 rpm	156 Hp / 115 kW @ 1600 rpm
ax. torque / Engine rotation (min)		675 Nm @ 1200 rpm	498 ft/lbs @ 1200 rpm
umber of cylinders - Capacity of cylinders		4 - 5130 cm ³	4 - 313 in ³
jection		engine Injection direct	engine Injection direct
ngine cooling system		Water	Water
ectric circuit			
umber of batteries / Battery voltage		2 x 12 V	2 x 12 V
2V Battery capacity		120 Ah	120 Ah
ansmission			
ansmission type		Hydrostatic	Hydrostatic
umber of gears (forward / reverse)		2/2	2/2
ax. travel speed		40 km/h	25 mph
awbar pull		8700 daN	8700 daN
rking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
rvice brake		Hydraulic	Hydraulic
rdraulics		- Tydiadilo	,
draulic pump type		Gear pump	Gear pump
draulic flow		115 l/min	30 US gpm
draulic now		275 bar	3989 PSI
rdraulic Pressure		275 bar 225 l	59 US gal
ink capacities		1 677	Jy US Yai
gine oil		14	4110 mal
•			4 US gal
draulic oil		225	59 US gal
el tank		305 I	81 US gal
esel Exhaust fluid (AdBlue® type)		57 l	15 US gal
ise and vibration			
ise at driving position (LpA)		79.70 dB	79.70 dB
ise to environment (LwA)		107 dB	107 dB
oration to whole hand/arm		< 2.50 m/s ²	< 2.50 m/s ²
scellaneous			
eering wheels (front / rear)		2 / 2	2 / 2
ontrols		2 Joysticks	2 Joysticks
fety cab homologation		ROPS - FOPS level 2 cab	ROPS - FOPS level 2 cab

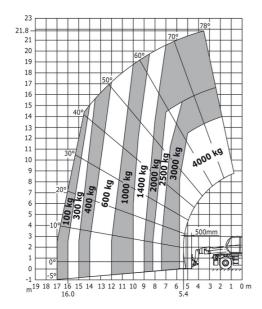
MRT 2550 Privilege Plus - Dimensional drawing



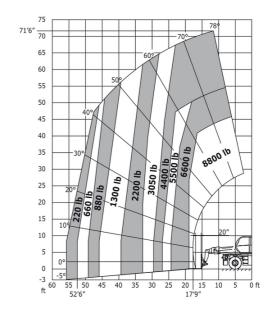
Other data		Metric	Imperial
Length of frame	l14	5.35 m	17 ft 7 in
Wheelbase	у	3.05 m	10 ft
Ground clearance	m4	0.35 m	1 ft 2 in
Counterweight offset (turret at 90°)	a7	3.18 m	10 ft 5 in
Tilt-up angle	a4	13 °	13 °
Tilt-down angle	a5	102 °	102 °
Overall length at stabilisers	l12	5.19 m	17 ft
Outer frame 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 2550 Privilege Plus - Load chart

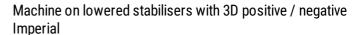
Machine on tyres with forks Metric

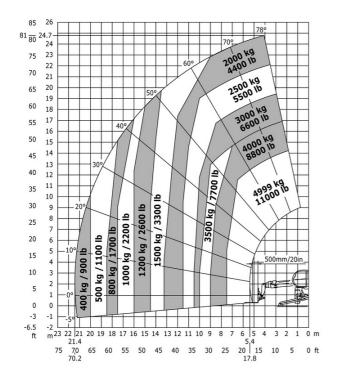


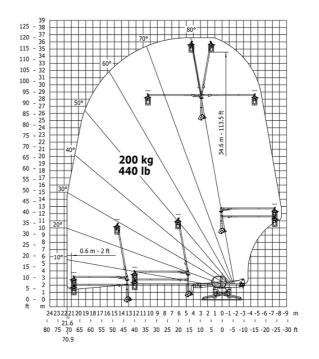
Machine on tyres with forks Imperial



Machine on lowered stabilisers with forks Metric

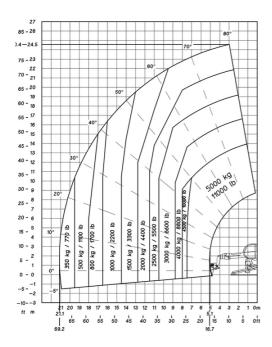


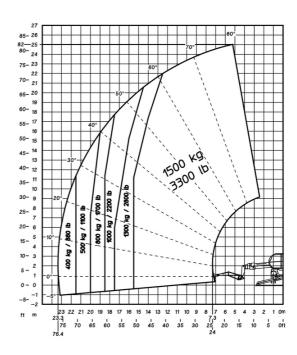




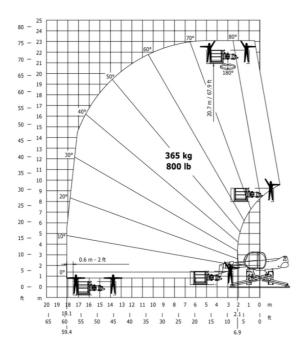
Machine on lowered stabilisers with winch 5000 kg Metric

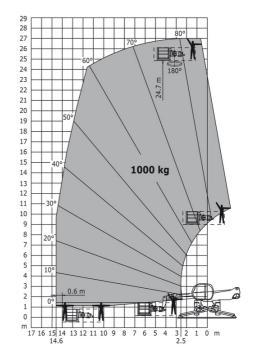
Machine on lowered stabilisers with 1500 kg jib Metric

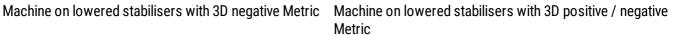


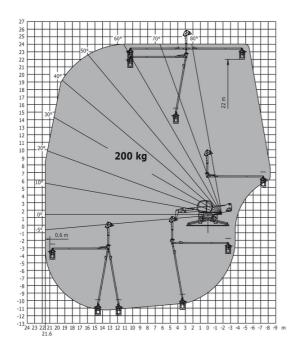


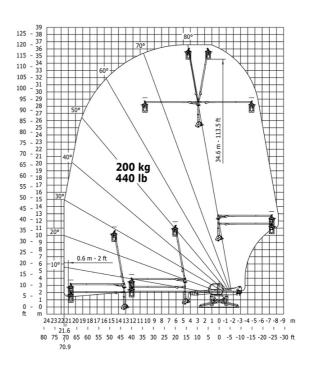
Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform Metric















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