Technical sheet:

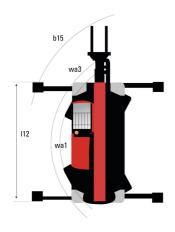
MRT 3255 PRIVILEGE PLUS

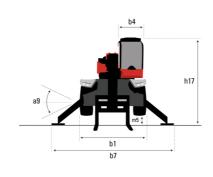


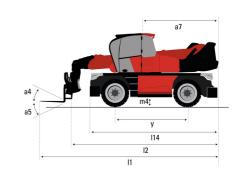


			Created on April 17, 2024 at 9:20:12 PM
Capacities		Metric	Imperial
Max. capacity		5500 kg	12125 lb
Max. lifting height		31.60 m	103 ft 8 in
Max. outreach		27.20 m	89 ft 3 in
Veight and dimensions			
verall length (with forks)	I1	9.70 m	31 ft 10 in
ength to face of forks	12	8.50 m	27 ft 11 in
verall width	b1	2.50 m	8 ft 2 in
verall height	h17	3.20 m	10 ft 6 in
verall cab width	b4	0.99 m	3 ft 3 in
uter frame turning radius	Wa3	5.56 m	18 ft 3 in
round clearance	m4	0.42 m	1 ft 5 in
/heelbase	у	3.75 m	12 ft 4 in
rame leveling longitudinal +/-		3 °	3 °
ilt-up angle	a4	12 °	12 °
ilt-down angle	a5	105 °	105 °
urret rotation		360 °	360 °
verall weight		23986 kg	52880 lb
orks length / width / section	I/e/s	1200 mm x 60 mm x 130 mm	47 in x 2 in x 5 in
/heels			
tandard tires		17,5-R25	17,5-R25
rive wheels (front / rear)		2/2	2/2
teering mode		2 wheel steer, 4 wheel steer, Crab mode	2 wheel steer, 4 wheel steer, Crab mode
tabilisers			
tabs Type		Telescopic Triplex	Telescopic Triplex
controls with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneous
ngine			
ngine brand		Mercedes	Mercedes
ngine norm		Stage IV / Tier 4 Final	Stage IV / Tier 4 Final
ngine model		OM 934 LA.E4-1	OM 934 LA.E4-1
C. Engine power rating / Power / Engine rotation		231 Hp / 170 kW @ 1600 rpm	231 Hp / 170 kW @ 1600 rpm
lax. torque / Engine rotation (min)		705 Nm @ 1200 rpm	520 ft/lbs @ 1200 rpm
umber of cylinders - Capacity of cylinders		4 - 5130 cm ³	4 - 313 in³
njection		engine Injection direct	engine Injection direct
ingine cooling system		Water	Water
lectric circuit		Water	Truce.
lumber of batteries / Battery voltage		2 x 12 V	2 x 12 V
2V Battery capacity		120 Ah	120 Ah
ransmission		120711	120711
ransmission type		CVT	CVT
fax. travel speed		40 km/h	25 mph
rawbar pull		40 Kii/ii 10500 daN	23 mpn 10500 daN
arking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
ervice brake		Oil-immersed multi-discs on front & rear axles	Oil-immersed multi-discs on front & rear axle
lydraulics		on miniciped mana dises on mont a real axies	on minicised manufulses on front a leaf date
		Variable numn	Veriable numn
ydraulic pump type		Variable pump	Variable pump
ydraulic flow		210 l/min	55 US gpm 5076 PSI
ydraulic Pressure		350 bar	5U/0 PSI
ank capacities		01.1	6 110 4-1
ngine oil		21	6 US gal
ydraulic oil		297 I	78 US gal
uel tank		361 I	95 US gal
iesel Exhaust fluid (AdBlue® type)		54 l	14 US gal
oise and vibration			
oise at driving position (LpA)		80 dB	80 dB
oise to environment (LwA)		106 dB	106 dB
bration to whole hand/arm		< 2.50 m/s ²	< 2.50 m/s ²
P			
liscellaneous			
teering wheels (front / rear)		2/2	2/2
ISCELEMENTS teering wheels (front / rear) ontrols afety cab homologation		2 / 2 2 Joysticks ROPS - FOPS level 2 cab	2 / 2 2 Joysticks ROPS - FOPS level 2 cab

MRT 3255 Privilege Plus - Dimensional drawing



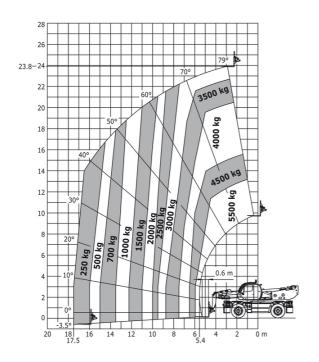




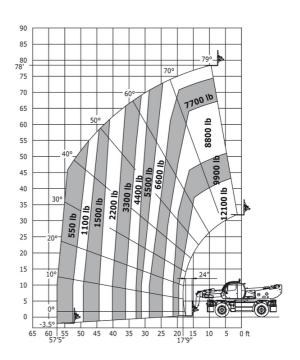
Other data		Metric	Imperial
Length of frame	114	6.57 m	21 ft 7 in
Wheelbase	у	3.75 m	12 ft 4 in
Ground clearance	m4	0.42 m	1 ft 5 in
Counterweight offset (turret at 90°)	a7	3.80 m	12 ft 6 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	105 °	105 °
Overall length at stabilisers	l12	6.49 m	21 ft 4 in
Outer frame turning radius	Wa3	5.56 m	18 ft 3 in
Outer turning radius (with forks)	b15	7 m	23 ft
Overall width with stabilisers extended	b7	7.10 m	23 ft 4 in
Overall height	h17	3.20 m	10 ft 6 in
Frame leveling corrector	a9	+/- 8 °	+/- 8 °
Ground clearance under front tires on stabilizers	m5	0.35 m	1 ft 2 in

MRT 3255 Privilege Plus - Load chart

Machine on tyres with forks Metric

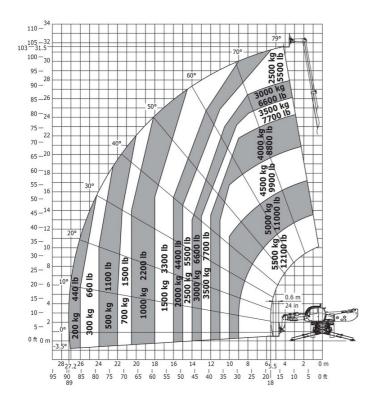


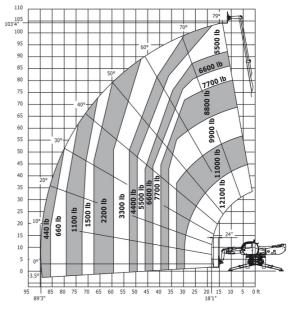
Machine on tyres with forks Imperial



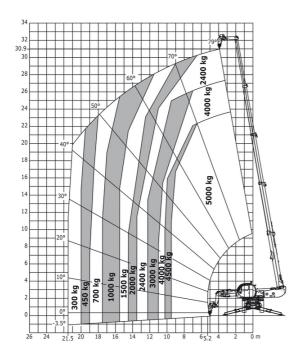
Machine on lowered stabilisers with forks Metric

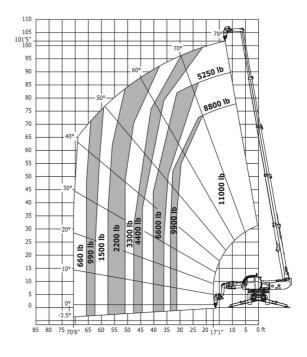
Machine on lowered stabilisers with forks Imperial





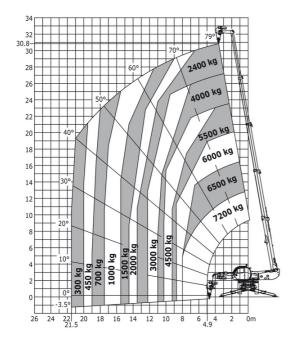
Machine on lowered stabilisers with winch 5000 kg Metric Machine on lowered stabilisers with winch 5000 kg Imperial

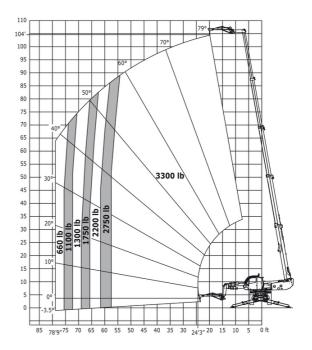




Machine on lowered stabilisers with winch 7000 kg Metric

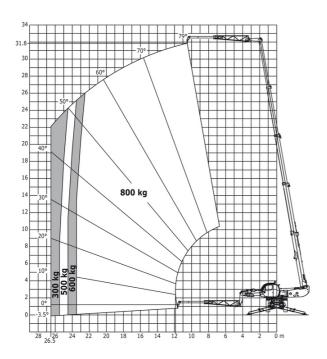
Machine on lowered stabilisers with 1500 kg jib Imperial

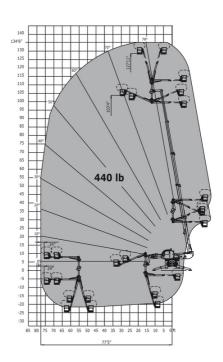




Machine on lowered stabilisers with 800 kg jib Metric

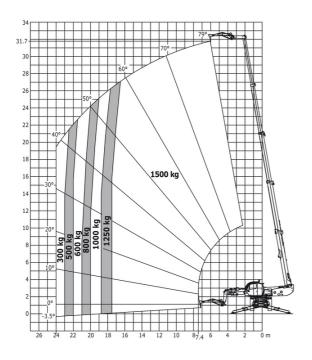
Machine on lowered stabilisers with 3D positive / negative Imperial

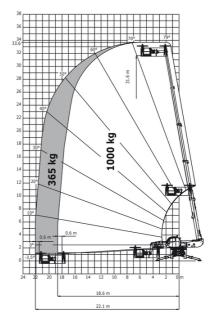




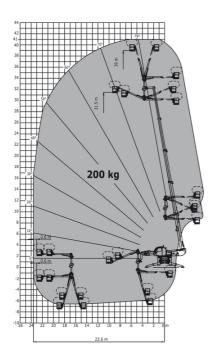
Machine on lowered stabilisers with 1500 kg jib Metric

Machine on lowered stabilisers with 1000 kg platform Metric





Machine on lowered stabilisers with 3D positive / negative Metric







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