Technical sheet:

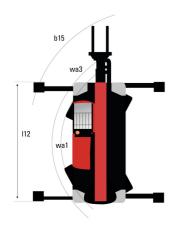
# MRT 3255 PRIVILEGE PLUS

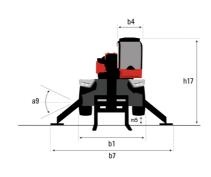


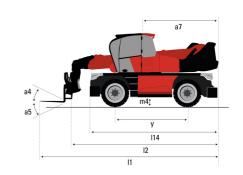


Capacities		Metric	Imperial
Max. capacity		5500 kg	12125 lb
Max. lifting height		31.60 m	103 ft 8 in
Max. outreach		27.20 m	89 ft 3 in
Veight and dimensions		27.20	65 1.CO III
Overall length (with forks)	l1	9.70 m	31 ft 10 in
ength to face of forks	12	8.50 m	27 ft 11 in
verall width	b1	2.50 m	8 ft 2 in
verall height	h17	3.20 m	10 ft 6 in
Overall cab width	b4	0.99 m	3 ft 3 in
Outer frame turning radius	Wa3	5.56 m	18 ft 3 in
Fround clearance	m4	0.42 m	1 ft 5 in
Vheelbase	у	3.75 m	12 ft 4 in
rame leveling longitudinal +/-		3 °	3 °
ïlt-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	l/e/s	1200 mm x 60 mm x 130 mm	47 in x 2 in x 5 in
Vheels .			
Standard tires		17,5-R25	17,5-R25
rive wheels (front / rear)		2 / 2	2/2
Iteering 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 Simultaneou
ngine			
ngine brand		Mercedes	Mercedes
ngine norm		Stage IV / Tier 4 Final	Stage IV / Tier 4 Final
ingine 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
Max. torque / Engine rotation (min)		705 Nm @ 1200 rpm	520 ft/lbs @ 1200 rpm
lumber of cylinders - Capacity of cylinders		4 - 5130 cm³	4 - 313 in³
njection		engine Injection direct	engine Injection direct
ingine cooling system		Water	Water
lectric circuit			
lumber of batteries / Battery voltage		2 x 12 V	2 x 12 V
2V Battery capacity	<u> </u>	120 Ah	120 Ah
ransmission			
ransmission type		CVT	CVT
Max. travel speed		40 km/h	25 mph
rawbar pull		10500 daN	10500 daN
Parking 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 axl
lydraulics			
lydraulic pump type		Variable pump	Variable pump
lydraulic flow		210 l/min	55 US gpm
lydraulic Pressure		350 bar	5076 PSI
ank capacities			
ngine oil		21	6 US gal
ydraulic oil		297 I	78 US gal
uel tank		361 l	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
loise to environment (LwA)		106 dB	106 dB
ibration to whale band/own		< 2.50 m/s²	< 2.50 m/s²
fibration to whole hand/arm fiscellaneous			
fiscellaneous teering wheels (front / rear)		2/2	2 / 2
		2 / 2 2 Joysticks ROPS - FOPS level 2 cab	2 / 2 2 Joysticks ROPS - FOPS level 2 cab

# MRT 3255 Privilege Plus - Dimensional drawing



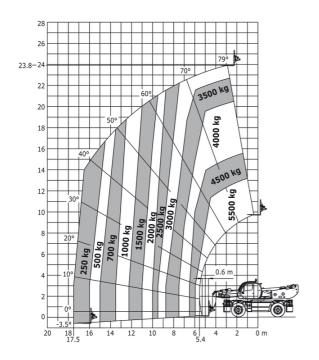




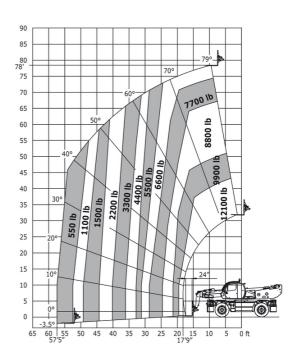
Other data		Metric	Imperial
Length of frame	l14	6.57 m	21 ft 7 in
Wheelbase	у	3.75 m	12 ft 4 in
Ground clearance	m4	0.42 m	1 ft 5 in
Counterweight offset (turret at 90°)	a7	3.80 m	12 ft 6 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	105 °	105 °
Overall length at stabilisers	l12	6.49 m	21 ft 4 in
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

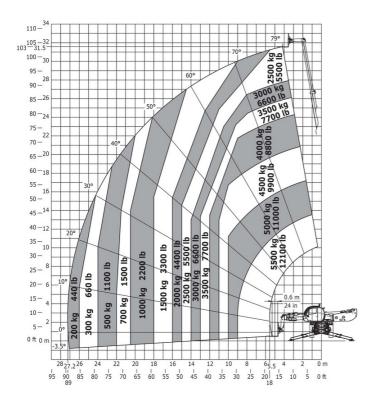


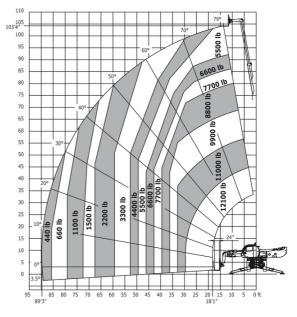
## Machine on tyres with forks Imperial



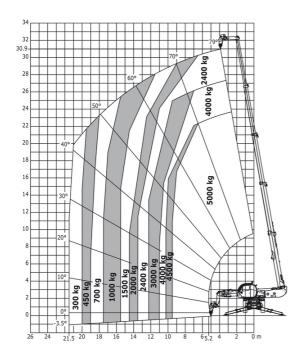
#### Machine on lowered stabilisers with forks Metric

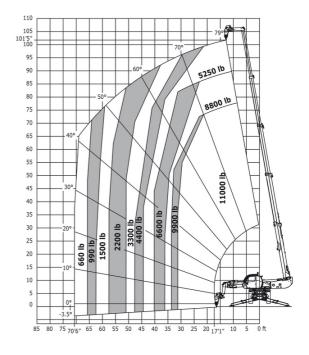
#### Machine on lowered stabilisers with forks Imperial





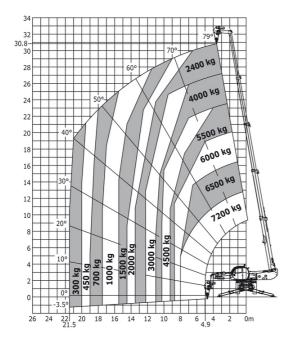
Machine on lowered stabilisers with winch 5000 kg Metric Machine on lowered stabilisers with winch 5000 kg Imperial

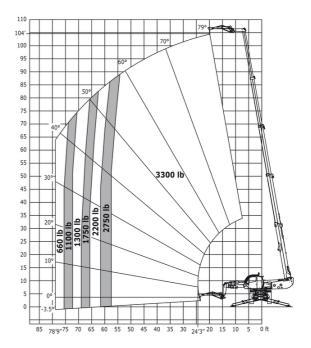




Machine on lowered stabilisers with winch 7000 kg Metric

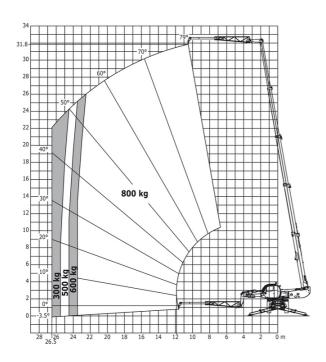
Machine on lowered stabilisers with 1500 kg jib Imperial

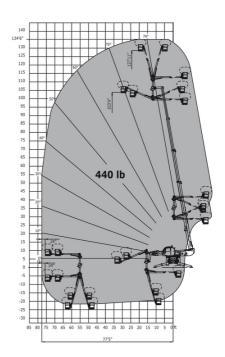




Machine on lowered stabilisers with 800 kg jib Metric

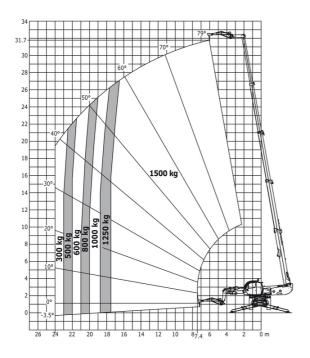
Machine on lowered stabilisers with 3D positive / negative Imperial

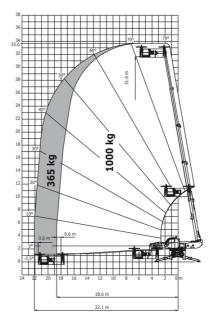




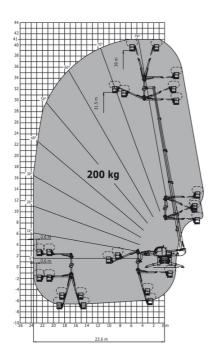
Machine on lowered stabilisers with 1500 kg jib Metric

Machine on lowered stabilisers with 1000 kg platform Metric





Machine on lowered stabilisers with 3D positive / negative Metric







#### **Head Office**

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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