Technical sheet :

MRT-X 2150 PRIVILEGE PLUS

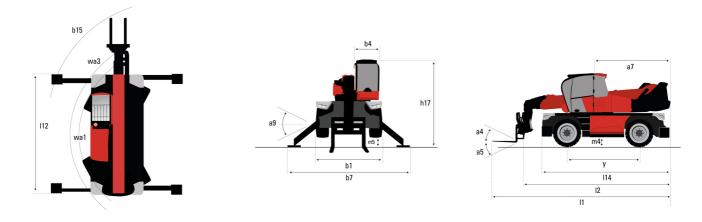




MRT-X 2150 PRIVILEGE PLUS Created on April 25, 2024 at 10:33:30 PM UTC

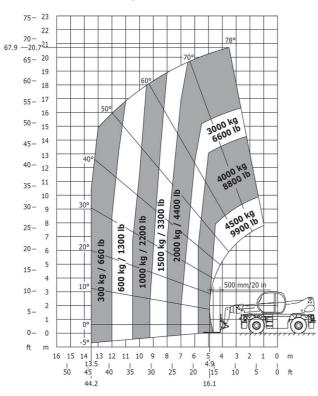
		MRT-X 2150 PRIVILEGE PLUS U	eated off April 23, 2024 at 10.33.30 FM
Capacities		Metric	Imperial
Nax. capacity		4999 kg	11021 lb
/lax. lifting height		20.90 m	68 ft 7 in
Max. outreach		17.90 m	58 ft 9 in
Weight and dimensions			
Overall length (with forks)	11	8.07 m	26 ft 6 in
ength to face of forks	12	6.87 m	22 ft 6 in
Overall width	b1	2.49 m	8 ft 2 in
Overall height	h17	3.05 m	10 ft
Overall cab width	b4	0.99 m	3 ft 3 in
Outer frame turning radius	Wa3	5.23 m	17 ft 2 in
Ground clearance	m4	0.35 m	1 ft 2 in
Vheelbase	у	3.05 m	10 ft
ïlt-up angle	a4	12 °	12 °
ilt-down angle	a5	105 °	105 °
urret rotation		360 °	360 °
overall weight		17930 kg	39529 lb
orks length / width / section	l / e / s	1200 mm x 150 mm x 50 mm	47 in x 6 in x 2 in
Vheels			
tandard tires		445/65 R22,5	445/65 R22,5
rive wheels (front / rear)		2 / 2	2 / 2
tabilisers			
tabs Type		Telescopic Duplex	Telescopic Duplex
Controls with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneous
ingine			
ngine brand		Mercedes	Mercedes
ngine norm		Stage IIIA	Stage IIIA
ngine model		OM904LA.E3A/2	OM904LA.E3A/2
C. Engine power rating / Power / Engine rotation		150 Hp / 110 kW @ 1600 rpm	150 Hp / 110 kW @ 1600 rpm
Max. torque / Engine rotation (min)		580 Nm @ 1200 rpm	428 ft/lbs @ 1200 rpm
lumber of cylinders - Capacity of cylinders		4 - 4250 cm³	4 - 259 in³
njection		engine Injection direct	engine Injection direct
ingine cooling system		Water	Water
Electric circuit			
lumber of batteries / Battery voltage		2 x 12 V	2 x 12 V
2V Battery capacity		120 Ah	120 Ah
ransmission			
ransmission type		Hydrostatic	Hydrostatic
lumber of gears (forward / reverse)		2/2	2/2
lax. 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
lydraulics			
lydraulic pump type		Gear pump	Gear pump
lydraulic flow		115 l/min	30 US gpm
lydraulic Pressure		270 bar	3916 PSI
ank capacities			
ngine oil		14	4 US gal
ydraulic oil		225 1	59 US gal
uel tank		305 1	81 US gal
oise and vibration			
oise at driving position (LpA)		79.70 dB	79.70 dB
oise to environment (LwA)		108 dB	108 dB
ibration to whole hand/arm		< 2.50 m/s ²	< 2.50 m/s ²
liscellaneous			
teering wheels (front / rear)		2/2	2/2
Controls		2 Joysticks	2 Joysticks
afety cab homologation		ROPS - FOPS level 2 cab	ROPS - FOPS level 2 cab

MRT-X 2150 Privilege Plus - Dimensional drawing



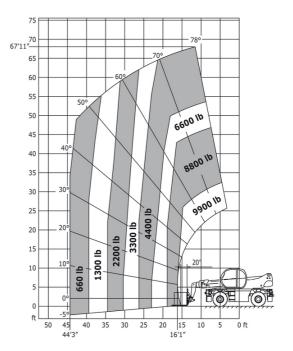
Other data		Metric	Imperial
Length of frame	114	5.35 m	17 ft 7 in
Wheelbase	у	3.05 m	10 ft
Ground clearance	m4	0.35 m	1 ft 2 in
Counterweight offset (turret at 90°)	a7	2.68 m	8 ft 10 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	105 °	105 °
Overall length at stabilisers	112	5.19 m	17 ft
Outer frame turning radius	Wa3	5.23 m	17 ft 2 in
Outer turning radius (with forks)	b15	6.55 m	21 ft 6 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 2150 Privilege Plus - Load chart



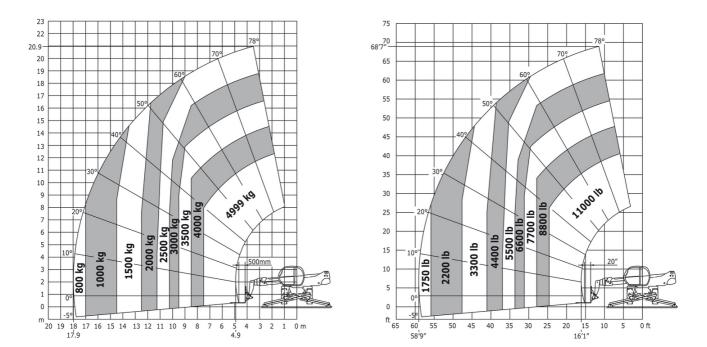
Machine on tyres with forks Metric

Machine on tyres with forks Imperial

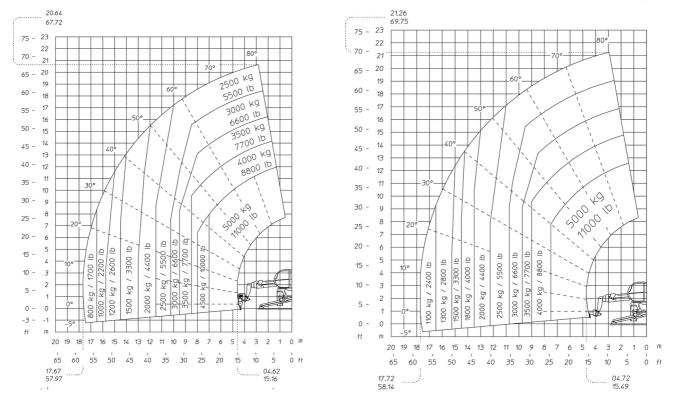


Machine on lowered stabilisers with forks Metric

Machine on lowered stabilisers with forks Imperial

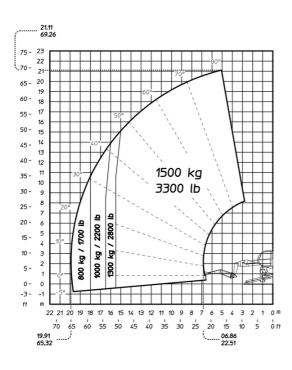


Machine on lowered stabilisers with winch 5000 kg Metric Machine on lowered stabilisers with winch 5000 kg Imperial

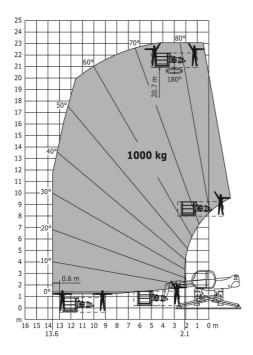


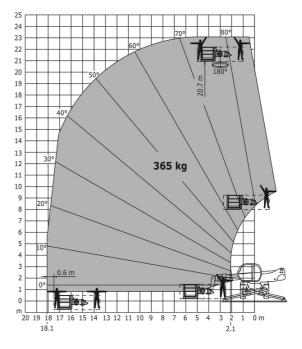
Machine on lowered stabilisers with 1500 kg jib Metric

Machine on lowered stabilisers with 365 kg platform Metric

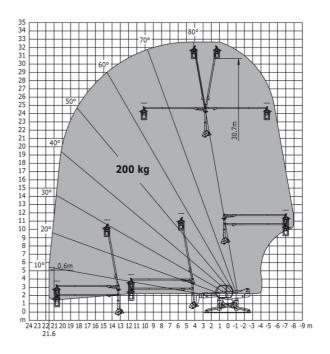


Machine on lowered stabilisers with 1000 kg platform Metric

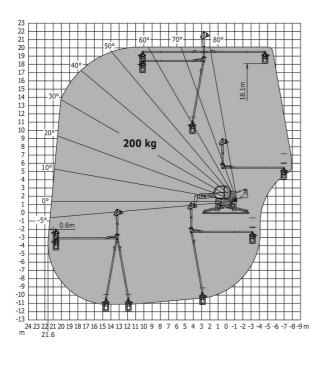




Machine on lowered stabilisers with 3D positive Metric



Machine on lowered stabilisers with 3D negative Metric







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