Technical sheet :

MRT-X 2150 PRIVILEGE PLUS

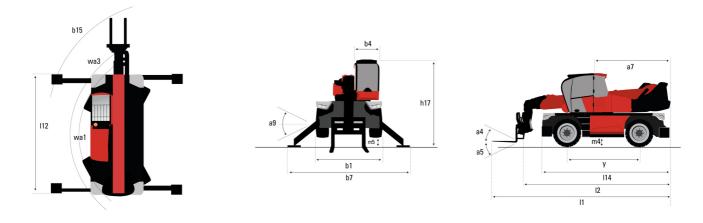




mrt-x 2150 privilege plus Crea	ated on <i>i</i>	April 26	, 2024 at	7:32:55	PM UTC
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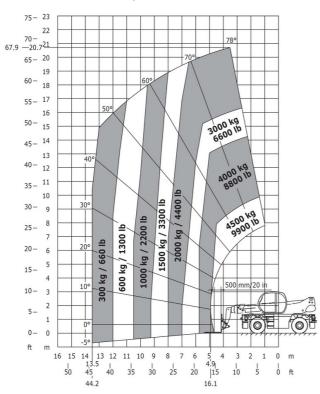
Canaditian		Matria	Imporiel
Capacities		Metric 4999 kg	Imperial 11021 lb
Aax. capacity Aax. lifting height		20.90 m	68 ft 7 in
lax. outreach		17.90 m	58 ft 9 in
Veight and dimensions		17.90 III	58 10 9 11
verall length (with forks)	11	8.07 m	26 ft 6 in
ength to face of forks	11	6.87 m	20 ft 6 in
verall width	b1	2.49 m	8 ft 2 in
Iverall 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		3.05 m	10 ft
	y a4	12 °	10 m
ilt-up angle	a4		
ilt-down angle	a5	105 ° 360 °	105 °
urret rotation			360 °
)verall weight	11.1.	17930 kg	39529 lb
orks length / width / section /heels	l / e / s	1200 mm x 150 mm x 50 mm	47 in x 6 in x 2 in
incers landard 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 Simultaneo
ngine		Mercedes	Mercedes
ngine brand			
ngine norm		Stage IIIA	Stage IIIA
ngine model		0M904LA.E3A/2	0M904LA.E3A/2
C. Engine power rating / Power / Engine rotation		150 Hp / 110 kW @ 1600 rpm	150 Hp / 110 kW @ 1600 rpm
lax. torque / Engine rotation (min)		580 Nm @ 1200 rpm	428 ft/lbs @ 1200 mm
lumber of cylinders - Capacity of cylinders		4 - 4250 cm ³	4 - 259 in ³
njection		engine Injection direct	engine Injection direct
ngine cooling system		Water	Water
lectric circuit		0.101	0.4014
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
ydraulics		0	
ydraulic pump type		Gear pump	Gear pump
ydraulic flow		115 l/min	30 US gpm
ydraulic Pressure		270 bar	3916 PSI
ank capacities			
ngine oil		14	4 US gal
ydraulic oil		225	59 US gal
uel tank		305 l	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
bration to whole hand/arm		< 2.50 m/s²	< 2.50 m/s²
liscellaneous			
teering wheels (front / rear)		2 / 2	2/2
ontrols		2 Joysticks	2 Joysticks
afety cab homologation		ROPS - FOPS level 2 cab	ROPS - FOPS level 2 cab

MRT-X 2150 Privilege Plus - Dimensional drawing



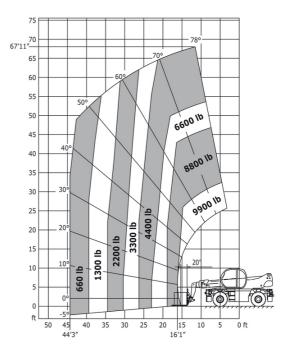
Other data		Metric	Imperial
Length of frame	114	5.35 m	17 ft 7 in
Wheelbase	у	3.05 m	10 ft
Ground clearance	m4	0.35 m	1 ft 2 in
Counterweight offset (turret at 90°)	a7	2.68 m	8 ft 10 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	105 °	105 °
Overall length at stabilisers	112	5.19 m	17 ft
Outer frame 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



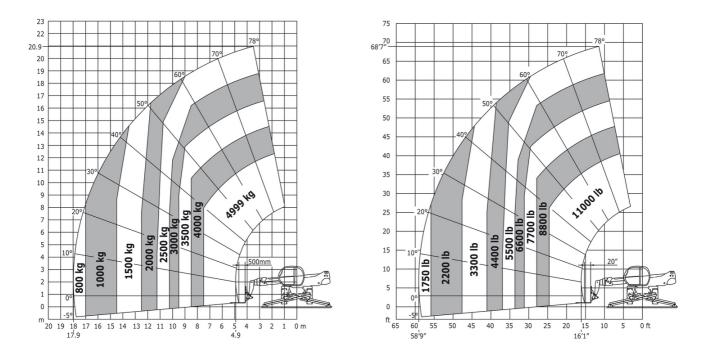
Machine on tyres with forks Metric

Machine on tyres with forks Imperial

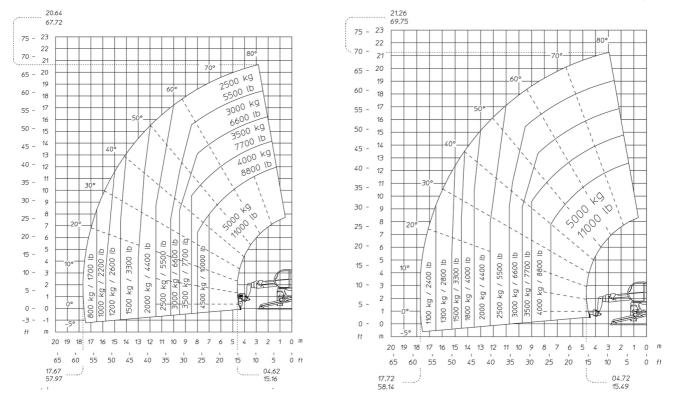


Machine on lowered stabilisers with forks Metric

Machine on lowered stabilisers with forks Imperial

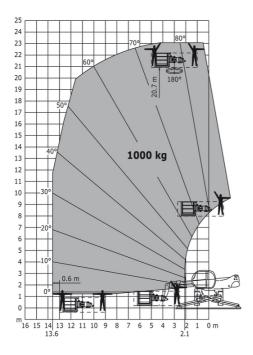


Machine on lowered stabilisers with winch 5000 kg Metric Machine on lowered stabilisers with winch 5000 kg Imperial

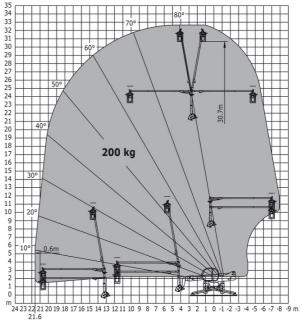


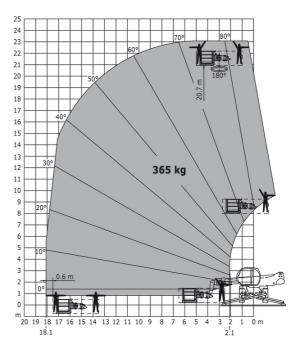
Machine on lowered stabilisers with 365 kg platform Metric

Machine on lowered stabilisers with 1000 kg platform Metric



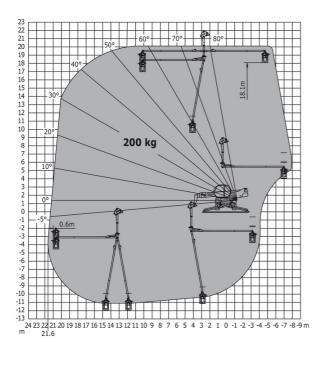
Machine on lowered stabilisers with 3D positive Metric





Machine on lowered stabilisers with 1500 kg jib Metric

Machine on lowered stabilisers with 3D negative Metric





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