Technical sheet :

MRT-X 2470 PRIVILEGE PLUS

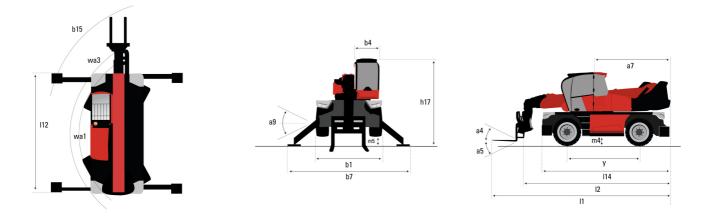




MRT-X 2470 PRIVILEGE PLUS Created on July 4, 2025 at 8:58 PM UTC

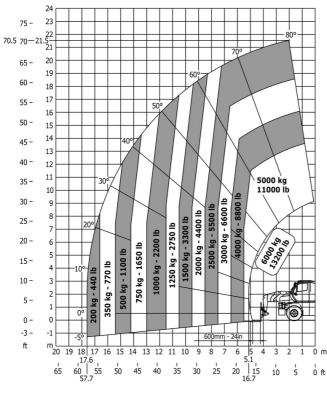
Capacities		Metric	Imperial
Max. capacity		7000 kg	15432 lb
Max. lifting height		24.80 m	81 ft 4 in
Maximum outreach		20.50 m	67 ft 3 in
Weight and dimensions			
Overall length (with forks)	1	8.75 m	28 ft 8 in
ength to face of forks	12	7.55 m	24 ft 9 in
Overall width	b1	2.49 m	8 ft 2 in
Overall height	h17	3.05 m	10 ft
Overall cab width	b4	0.99 m	3 ft 3 in
Duter frame turning radius	Wa3	4.90 m	16 ft 1 in
Ground clearance	m4	0.35 m	1 ft 2 in
Vheelbase	у	3.25 m	10 ft 8 in
ïlt-up angle	a4	12 °	12 °
ïlt-down angle	a5	108 °	108 °
urret rotation		360 °	360 °
verall weight		21760 kg	47973 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			
ires type		Pneumatic	Pneumatic
tandard tires		445/65 R22,5	445/65 R22,5
rive wheels (front / rear)		2/2	2/2
tabilisers			
tabilizers Type		Telescopic Duplex	Telescopic Duplex
controls with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneous
ngine			
ngine brand		Mercedes	Mercedes
ngine norm		Stage IIIA	Stage IIIA
ngine model		0M_904_LA_E3A/1	0M_904_LA_E3A/1
C. Engine power rating / Power / Engine rotation		176 Hp / 129 kW @ 1600 rpm	176 Hp / 129 kW @ 1600 rpm
Max. torque / Engine rotation (min)		675 Nm @ 1200 rpm	498 ft/lbs @ 1200 rpm
lumber of cylinders - Capacity of cylinders		4 - 4250 cm ³	4 - 259 in ³
njection		engine Injection direct	engine Injection direct
Engine cooling system		Water	Water
Electric circuit		Water	Watch
Number of batteries / Battery voltage		2 x 12 V	2 x 12 V
2V Battery capacity		180 Ah	180 Ah
ransmission		100 All	Too Aii
ransmission type		Hydrostatic	Hydrostatic
		2 / 2	2 / 2
umber of gears (forward / reverse)			
fax. travel speed		40 km/h	25 mph
rawbar pull		9500 daN	9500 daN
arking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
ervice brake		Hydraulic	Hydraulic
lydraulics			
lydraulic pump type		Variable displacement pump	Variable displacement pump
lydraulic flow		180 l/min	48 US gpm
lydraulic Pressure		350 bar	5076 PSI
ank capacities			
ngine oil		21	6 US gal
uel tank		290 l	77 US gal
loise and vibration			
loise at driving position (LpA)		79.70 dB	79.70 dB
loise to environment (LwA)		108 dB	108 dB
ibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
<i>l</i> iscellaneous			
Steering wheels (front / rear)		2 / 2	2 / 2
Controls		2 Joysticks	2 Joysticks
Cab certification		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2
		Standard	Standard

MRT-X 2470 Privilege Plus - Dimensional drawing



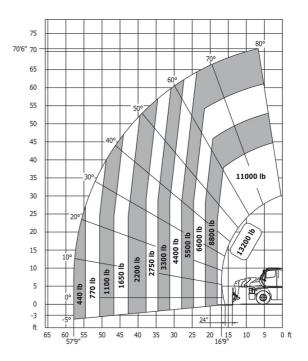
Other data		Metric	Imperial
Length of frame	114	5.62 m	18 ft 5 in
Wheelbase	у	3.25 m	10 ft 8 in
Ground clearance	m4	0.35 m	1 ft 2 in
Counterweight offset (turret at 90°)	a7	3.42 m	11 ft 3 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	108 °	108 °
Overall length at stabilisers	l12	5.62 m	18 ft 5 in
Outer frame turning radius	Wa3	4.90 m	16 ft 1 in
Outer turning radius (with forks)	b15	6.26 m	20 ft 6 in
Overall width with stabilisers extended	b7	6.06 m	19 ft 11 in
Overall height	h17	3.05 m	10 ft
Frame leveling corrector	a9	+/- 7.40 °	+/- 7.40 °
Ground clearance under front tires on stabilizers	m5	0.32 m	1 ft 1 in

MRT-X 2470 Privilege Plus - Load chart



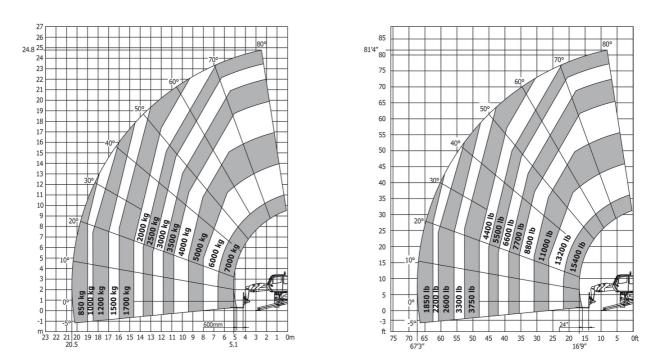
Machine on tires with forks Metric

Machine on tires with forks Imperial

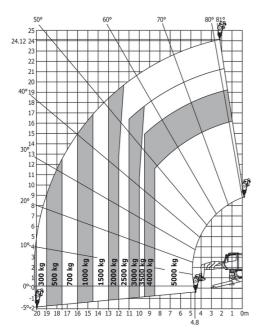


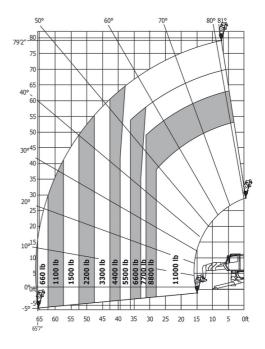
Machine on lowered stabilisers with forks Metric

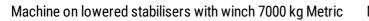
Machine on lowered stabilisers with forks Imperial



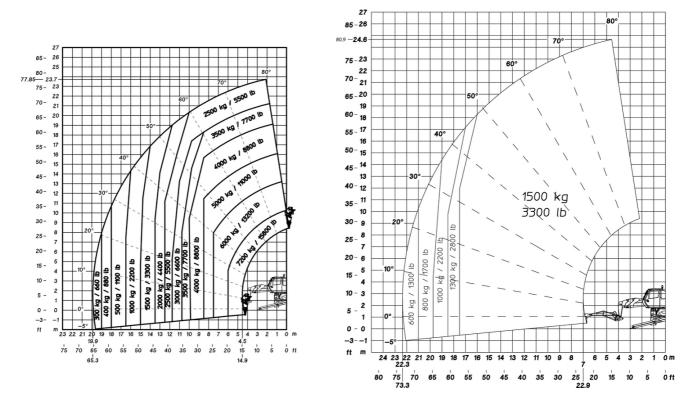
Machine on lowered stabilisers with winch 5000 kg Metric Machine on lowered stabilisers with winch 5000 kg Imperial



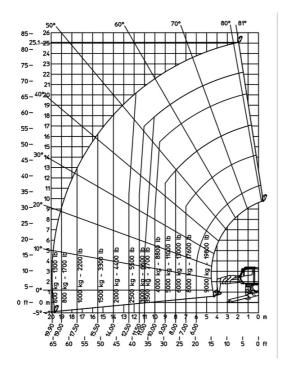


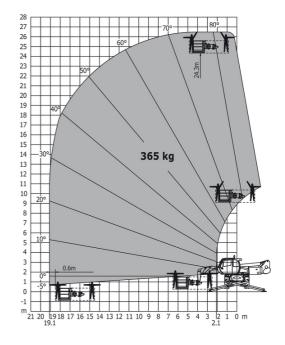


Machine on lowered stabilisers with 1500 kg jib Metric

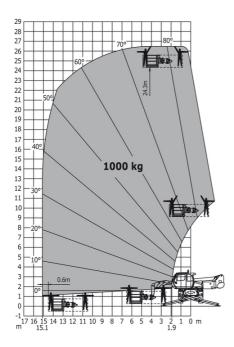


Machine on lowered stabilisers with hook 9000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric





Machine on lowered stabilisers with 1000 kg platform Metric





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