Technical sheet :

# MRT 2470 PRIVILEGE PLUS

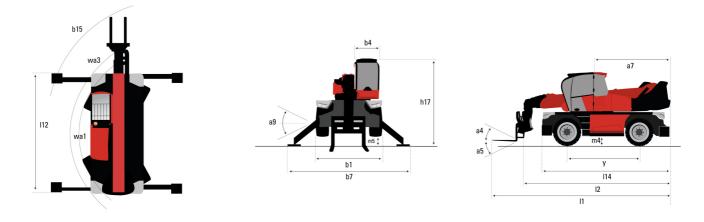




# MRT 2470 PRIVILEGE PLUS Created on July 3, 2025 at 9:46 PM UTC

0		Mada	lana sa al
Capacities		Metric 7000 kg	Imperial 15432 lb
Aax. capacity		-	81 ft 4 in
fax. lifting height		24.80 m 20.50 m	67 ft 3 in
Aaximum outreach Veight and dimensions		20.50 11	67 Tt 3 III
Iverall length (with forks)	1	8.75 m	28 ft 8 in
ength to face of forks	12	7.55 m	24 ft 9 in
verall width	b1	2.49 m	8 ft 2 in
	h17	3.05 m	10 ft
verall height verall cab width		0.99 m	3 ft 3 in
round clearance	b4		
	m4	0.35 m	1 ft 2 in
/heelbase	у	3.25 m	10 ft 8 in
ilt-up angle	a4	12 °	12 °
ilt-down angle	a5	108 °	108 °
urret rotation		360 °	360 °
Iverall 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
'heels			
res type		Pneumatic	Pneumatic
tandard tires		445/65 R22,5	445/65 R22,5
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			
tabilizers Type		Telescopic Duplex	Telescopic Duplex
ontrols 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.E4-3	OM 934 LA.E4-3
C. Engine power rating / Power / Engine rotation		176 Hp / 129 kW @ 1600 rpm	176 Hp / 129 kW @ 1600 rpm
lax. torque / Engine rotation (min)		750 Nm @ 1200 rpm	553 ft/lbs @ 1200 rpm
umber of cylinders - Capacity of cylinders		4 - 5130 cm <sup>3</sup>	4 - 313 in <sup>3</sup>
njection		engine Injection direct	engine Injection direct
ngine cooling system		Water	Water
lectric circuit			
umber of batteries / Battery voltage		2 x 12 V	2 x 12 V
2V Battery capacity		120 Ah	120 Ah
ransmission			
ransmission type		Hydrostatic	Hydrostatic
umber of gears (forward / reverse)		2 / 2	2 / 2
ax. 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
ydraulics			
ydraulic pump type		Variable pump	Variable pump
ydraulic flow		180 l/min	48 US gpm
ydraulic Pressure		350 bar	5076 PSI
ank capacities			
ngine oil		21	6 US gal
uel tank		290 1	77 US gal
iesel Exhaust fluid (AdBlue® type)		57 1	15 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 on hands/arms		< 2.50 m/s <sup>2</sup>	< 2.50 m/s <sup>2</sup>
liscellaneous		× 2.30 III/8	× 2.30 III/5 <sup>-</sup>
teering wheels (front / rear)		2 / 2	2/2
ontrols			2 / 2 2 Joysticks
		2 Joysticks	-
ab certification		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2

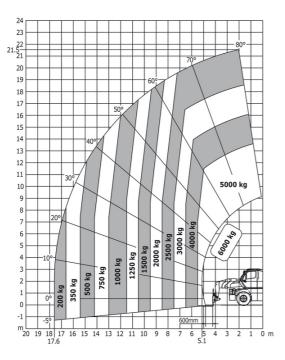
# MRT 2470 Privilege Plus - Dimensional drawing



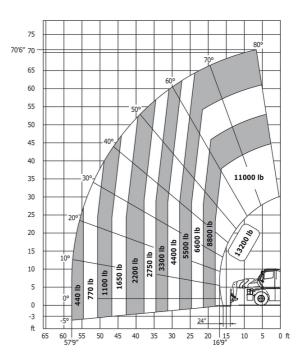
Other data		Metric	Imperial
Length of frame	114	5.62 m	18 ft 5 in
Wheelbase	У	3.25 m	10 ft 8 in
Ground clearance	m4	0.35 m	1 ft 2 in
Counterweight offset (turret at 90°)	а7	3.42 m	11 ft 3 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	108 °	108 °
Overall length at stabilisers	112	5.62 m	18 ft 5 in
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 2470 Privilege Plus - Load chart

#### Machine on tires with forks Metric

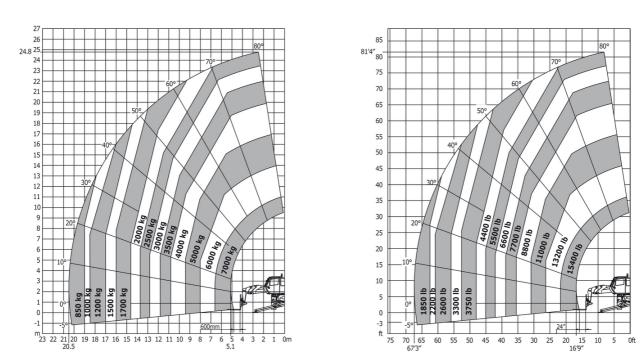


# Machine on tires with forks Imperial

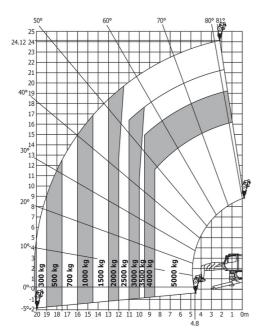


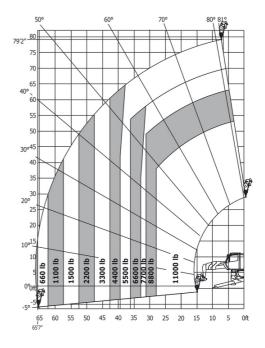
# Machine on lowered stabilisers with forks Metric

## Machine on lowered stabilisers with forks Imperial

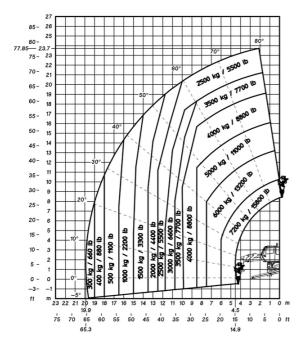


Machine on lowered stabilisers with winch 5000 kg Metric Machine on lowered stabilisers with winch 5000 kg Imperial





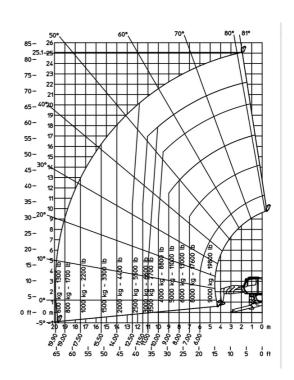
Machine on lowered stabilisers with winch 7200 kg (metric) Machine on lowered stabilisers with 1000 kg platform Imperial

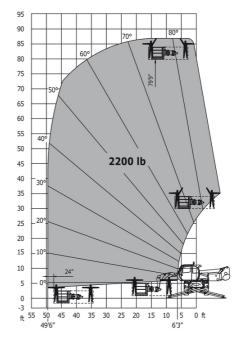


Machine on lowered stabilisers with 1500 kg jib Metric

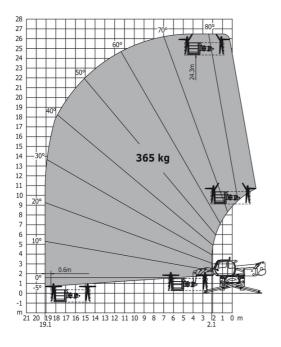
- 26 75-23 \_ 20 40 - 12 1500 kg ЭЗQO IЬ 25-Ð 1300 kg / 2800 800 kg / h700 lb 1000 kg / 2200 kg / 1300<sup>1</sup> lb 10 - 3 0 - 0 -3--1 ft m 24 23 22 22.3 21 20 19 0 m 75 70 65 60 55 50 45 73.3 25 20 22.9 40 35 30 o ft 

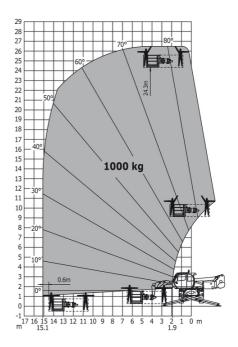
Machine on lowered stabilisers with hook 9000 kg (Metric)





Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform Metric







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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