Technical sheet :

# MRT-X 2550 PRIVILEGE PLUS

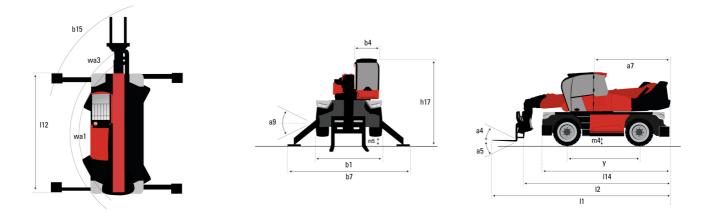




#### mrt-x 2550 privilege plus Created on July 3, 2025 at 8:45 PM UTC

		MRI-X 2330 FRIVILEGE FL	<b>US</b> Created on July 3, 2025 at 8.45 PM C
Capacities		Metric	Imperial
fax. capacity		4999 kg	11021 lb
Лах. lifting height		24.70 m	81 ft
faximum outreach		21.40 m	70 ft 3 in
/eight and dimensions			
verall length (with forks)	11	9.04 m	29 ft 8 in
ength to face of forks	12	7.84 m	25 ft 9 in
verall width	b1	2.49 m	8 ft 2 in
verall 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	у	3.05 m	10 ft
ilt-up angle	a4	13 °	13 °
It-down angle	а5	102 °	102 °
urret rotation		360 °	360 °
verall weight		18900 kg	41667 lb
orks length / width / section	l/e/s	1200 mm x 150 mm x 50 mm	47 in x 6 in x 2 in
heels			
res type		Pneumatic	Pneumatic
andard tires		445/65 R22,5	445/65 R22,5
rive wheels (front / rear)		2 / 2	2 / 2
tabilisers		272	
abilizers Type		Telescopic Duplex	Telescopic Duplex
ontrols with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneous
ngine		Stabs commands individual of simultaneous	
ngine brand		Mercedes	Mercedes
ngine norm		Stage IIIA / Tier 3	Stage IIIA / Tier 3
		OM 904 LA. E3A/2	OM 904 LA. E3A/2
ngine model			
C. Engine power rating / Power / Engine rotation		150 Hp / 110 kW @ 1600 mm	150 Hp / 110 kW @ 1600 rpm
lax. torque / Engine rotation (min)		580 Nm @ 1200 rpm	428 ft/lbs @ 1200 rpm
umber of cylinders - Capacity of cylinders		4 - 4250 cm <sup>3</sup>	4 - 259 in <sup>3</sup>
ijection		engine Injection direct	engine Injection direct
ngine cooling system		Water	Water
lectric circuit		01014	0.101
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		8700 daN	8700 daN
arking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
ervice brake		Hydraulic	Hydraulic
ydraulics			
ydraulic pump type		Gear pump	Gear pump
ydraulic flow		115 l/min	30 US gpm
ydraulic Pressure		275 bar	3989 PSI
ank capacities			
ngine oil		14 I	4 US gal
uel tank		305 I	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 on hands/arms		< 2.50 m/s <sup>2</sup>	< 2.50 m/s²
liscellaneous			
teering wheels (front / rear)		2 / 2	2/2
ontrols		2 Joysticks	2 Joysticks
ab certification		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2
		Standard	Standard

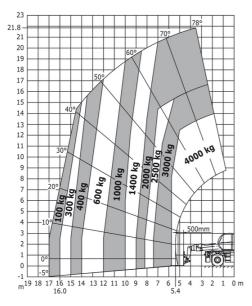
## MRT-X 2550 Privilege Plus - Dimensional drawing



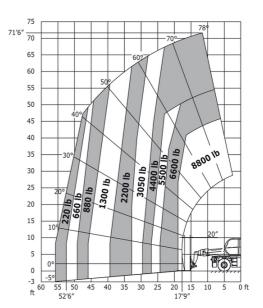
Other data		Metric	Imperial
Length of frame	114	5.35 m	17 ft 7 in
Wheelbase	У	3.05 m	10 ft
Ground clearance	m4	0.35 m	1 ft 2 in
Counterweight offset (turret at 90°)	а7	3.18 m	10 ft 5 in
Tilt-up angle	a4	13 °	13 °
Tilt-down angle	a5	102 °	102 °
Overall length at stabilisers	112	5.19 m	17 ft
Outer frame turning radius	Wa3	5.23 m	17 ft 2 in
Outer turning radius (with forks)	b15	6.92 m	22 ft 8 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 2550 Privilege Plus - Load chart

### Machine on tires with forks Metric



## Machine on tires with forks Imperial



Machine on lowered stabilisers with 365/1000 kg platform

Machine on lowered stabilisers with forks Metric

81 70 24.7 k9 2500 kg 5500 lb -26 -23 3000 kg 6600 lb 24.7 m / 74.5 ft 70 -<sub>21</sub> 65 - 20 60 -<sub>18</sub> 55 - 17 e 4999 K 11000 -15 365 kg 1500 kg / 3300 lb \_14 1200 kg / 2600 lb 800 lb Ę 40 -12 1000 kg / 2200 lb 3500 1 800 kg / 1700 lb 500 kg / 1100 lb e -10 400 kg / 900 lb - 3 0.6 m / 2 ft -3 -1 -6.5 -2 6 5 4 5 4 20 15 17.8 0 m ft \_\_\_\_\_1 50 45 40 35 30 0 ft 18.1 60 59 45 13 12 40 11 10 9 8 35 30 25 7 6 20 0 m ¦ ft 15

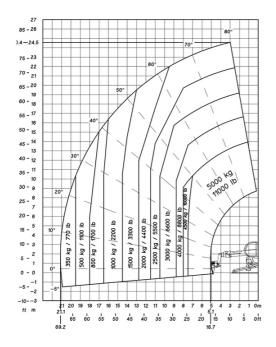
Imperial

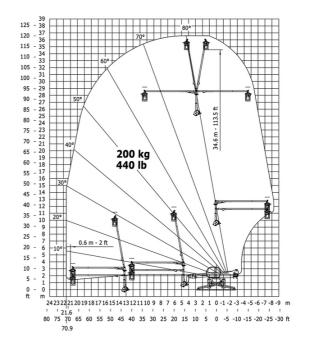
#### Machine on lowered stabilisers with winch 5000 kg Metric Machine on lowered stabilisers with 3D positive / negative Imperial

65

 3 | ,2.5 10 | 8.2

I

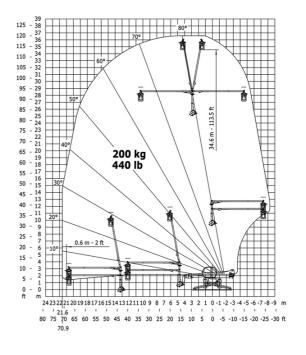


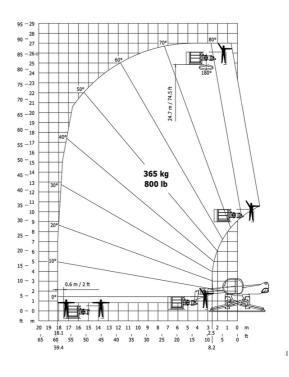


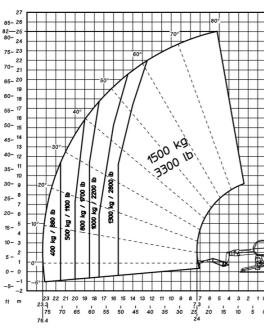
Machine on lowered stabilisers with 1500 kg jib Metric

Machine on lowered stabilisers with 1000 kg platform Metric

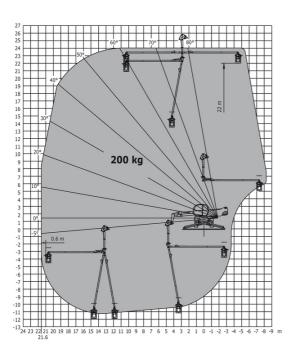
Machine on lowered stabilisers with 3D positive Metric







Machine on lowered stabilisers with 365 kg platform Metric





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