Technical sheet :

MRT-X 3050 PRIVILEGE PLUS

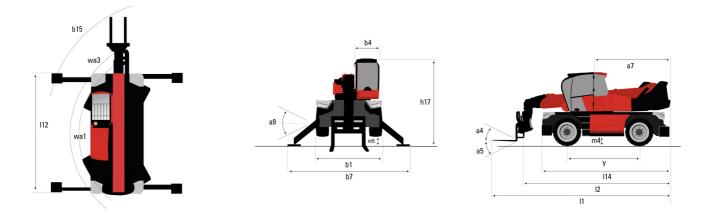




MRT-X 3050 PRIVILEGE PLUS Created on July 3, 2025 at 9:15 PM UTC

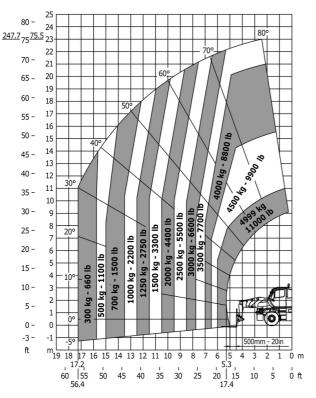
Capacities		Metric	Imperial
Max. capacity		4999 kg	11021 lb
Max. lifting height		29.50 m	96 ft 9 in
Maximum outreach		25.80 m	84 ft 8 in
Weight and dimensions			
Overall length (with forks)	1	9.02 m	29 ft 7 in
Length to face of forks	12	7.82 m	25 ft 8 in
Overall width	b1	2.49 m	8 ft 2 in
Overall height	h17	3.05 m	10 ft
Overall cab width	b4	0.99 m	3 ft 3 in
Outer frame turning radius	Wa3	4.90 m	16 ft 1 in
Ground clearance	m4	0.35 m	1 ft 2 in
Wheelbase	у	3.25 m	10 ft 8 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	108 °	108 °
Turret rotation	40	360 °	360 °
Overall weight		21810 kg	48083 lb
Forks length / width / section	l / e / s	1200 mm x 45 mm x 130 mm	47 in x 2 in x 5 in
Wheels	., ., .		
lires type		Pneumatic	Pneumatic
Standard tires		445/65 R22,5	445/65 R22,5
Drive wheels (front / rear)		2 / 2	2 / 2
Stabilisers		2,2	
Stabilizers Type		Telescopic Duplex	Telescopic Duplex
Controls with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneous
Ingine		Stabs commands individual of simultaneous	
ingine brand		Mercedes	Mercedes
ingine norm		Stage IIIA	Stage IIIA
ingine 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
Number 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		Walci	Walci
Number of batteries / Battery voltage		2 x 12 V	2 x 12 V
12V Battery capacity		120 Ah	120 Ah
Transmission		120 All	120 All
Fransmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		2 / 2	2 / 2
Max. travel speed		40 km/h	25 mph
)rawbar pull		9500 daN	9500 daN
Parking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
Service brake		Hydraulic	Hydraulic
lydraulics		nyulaune	nyulduic
Hydraulic pump type		Variable pump	Variable pump
Hydraulic flow		180 l/min	48 US gpm
Hydraulic Pressure		350 bar	5076 PSI
Hydraulic Pressure Hydraulic tank capacity		290 l	77 US gal
· · ·		2901	/ / US yai
Fank capacities		21	6 110 mail
Engine oil Fuel tank			6 US gal
uel tank Noise and vibration		290 l	77 US gal
		70.70 - 10	70.70.40
Noise at driving position (LpA)		79.70 dB	79.70 dB
Noise to environment (LwA)		108 dB	108 dB
/ibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous Discellaneous		0/2	0.10
Steering wheels (front / rear)		2/2	2/2
Controls Cab certification		2 Joysticks	2 Joysticks
		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2

MRT-X 3050 Privilege Plus - Dimensional drawing



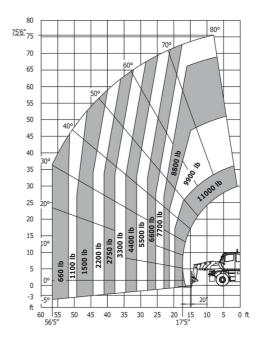
Other data		Metric	Imperial
Length of frame	114	5.62 m	18 ft 5 in
Wheelbase	у	3.25 m	10 ft 8 in
Ground clearance	m4	0.35 m	1 ft 2 in
Counterweight offset (turret at 90°)	а7	3.42 m	11 ft 3 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	108 °	108 °
Overall length at stabilisers	112	5.62 m	18 ft 5 in
Outer frame turning radius	Wa3	4.90 m	16 ft 1 in
Outer turning radius (with forks)	b15	6.49 m	21 ft 4 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 3050 Privilege Plus - Load chart

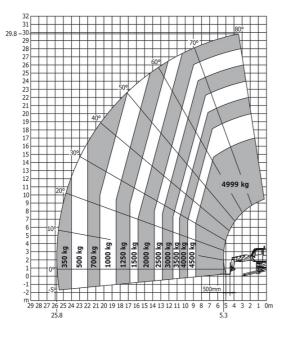


Machine on tires with forks Metric

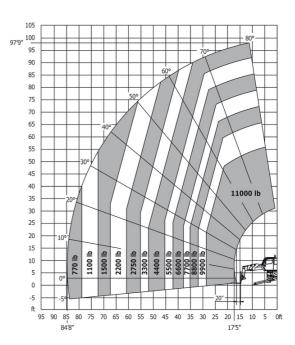
Machine on tires with forks Imperial



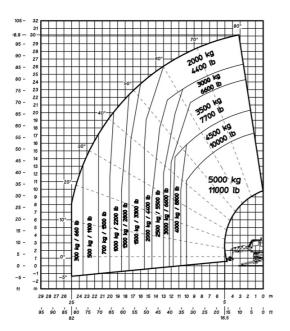
Machine on lowered stabilisers with forks Metric



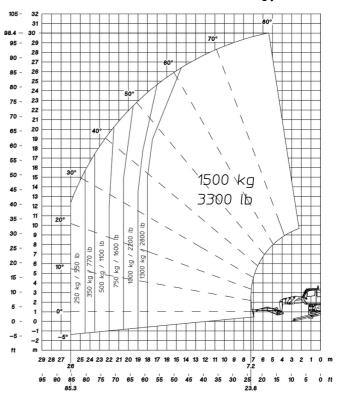
Machine on lowered stabilisers with forks Imperial



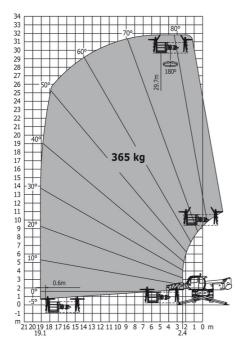
Machine on lowered stabilisers with winch 5000 kg Metric

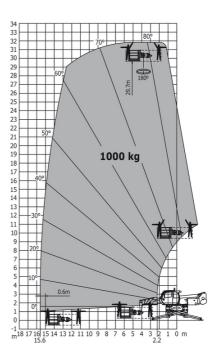


Machine on lowered stabilisers with 1500 kg jib Metric



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







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