Technical sheet :

MRT-X 1440 EASY 400°

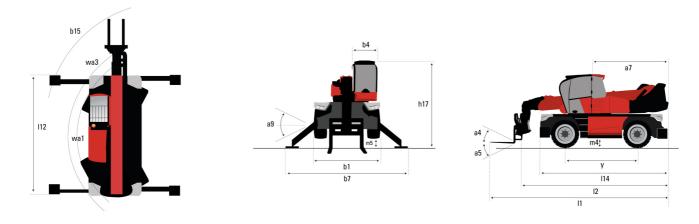




MRT-X 1440 EASY 400 $^{\circ}$ (Created on April 20, 2024 at	10:08:47 AM UTC

Capacities		Metric	Imperial
•		4000 kg	8818 lb
Max. capacity Max. lifting height		13.80 m	45 ft 3 in
Max. outreach		11.50 m	37 ft 9 in
Weight and dimensions		11.30 III	37 11 9 11
	1	5.35 m	17 ft 7 in
Overall length (with forks)	12	5.35 m	17 ft 7 in
Length to face of forks			
Overall width	b1 h17	2.40 m 2.97 m	7 ft 10 in
Overall height			9 ft 9 in
Overall cab width	b4	0.95 m	3 ft 1 in
Ground clearance	m4	0.34 m	1 ft 1 in
Wheelbase	У	2.32 m 0 °	7 ft 7 in 0 °
Frame leveling longitudinal +/-		12 °	0 12 °
Tilt-up angle	a4		
Tilt-down angle	a5	105 °	105 °
Overall weight	1/-/-	12825 kg	28274 lb
Forks length / width / section	l / e / s	1200 mm x 125 mm x 15 mm	47 in x 5 in x 0.59 in
Wheels		Decumentia	Pneumatic
Tires type Standard tires		Pneumatic 405/70-20	
			405/70-20
Drive wheels (front / rear) Stabilisor		2 / 2	2/2
Stabilisers			
Stabs Type		Wing Type	Wing Type
Controls with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneous
Engine			
Engine brand		Perkins	Perkins
ngine norm		Stage IIIA	Stage IIIA
Engine model		1104D-44T	1104D-44T
.C. Engine power rating / Power / Engine rotation		101 Hp / 74.50 kW @ 1200 rpm	101 Hp / 74.50 kW @ 1200 rpm
Max. torque		392 Nm	289 ft/lbs
Number of cylinders - Capacity of cylinders		3400 - 4400 cm ³	3400 - 269 in ³
Injection		engine Injection direct	engine Injection direct
Engine cooling system		Water	Water
Electric circuit			40.11
Battery voltage		12 V	12 V
12V Battery capacity		120 Ah	120 Ah
Transmission			
Fransmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		2/2	2/2
Max. travel speed		32 km/h	20 mph
Drawbar pull		8600 daN	8600 daN
Parking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
Service brake		Hydraulic	Hydraulic
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow		115 l/min	30 US gpm
Hydraulic Pressure		270 bar	3916 PSI
Hydraulic tank capacity		8.50 l	2 US gal
Tank capacities			
Engine oil		8.50	2 US gal
Hydraulic oil		150	40 US gal
uel tank		130 l	34 US gal
Noise and vibration			
Noise at driving position (LpA)		79.70 dB	79.70 dB
Noise to environment (LwA)		104 dB	104 dB
/ibration to whole hand/arm		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Steering wheels (front / rear)		2/2	2/2
Controls		2 Joysticks	2 Joysticks
Safety cab homologation		ROPS - FOPS level 2 cab	ROPS - FOPS level 2 cab

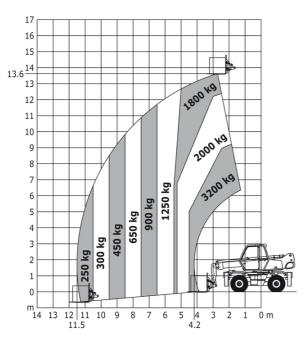
MRT-X 1440 Easy 400° - Dimensional drawing



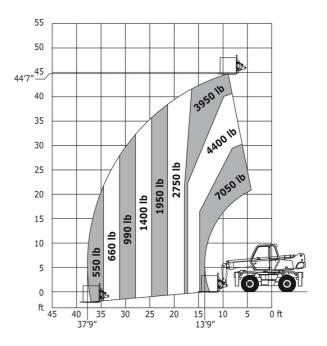
Other data		Metric	Imperial
Length of frame	114	4.35 m	14 ft 3 in
Wheelbase	у	2.32 m	7 ft 7 in
Ground clearance	m4	0.34 m	1 ft 1 in
Counterweight offset (turret at 90°)	a7	2.04 m	6 ft 8 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	105 °	105 °
Overall length at stabilisers	112	4.30 m	14 ft 1 in
Outer turning radius (with forks)	b15	5.25 m	17 ft 3 in
Overall width with stabilisers extended	b7	3.98 m	13 ft 1 in
Overall height	h17	2.97 m	9 ft 9 in
Ground clearance under front tires on stabilizers	m5	0.16 m	6 in

MRT-X 1440 Easy 400° - Load chart

Machine on tyres with forks Metric

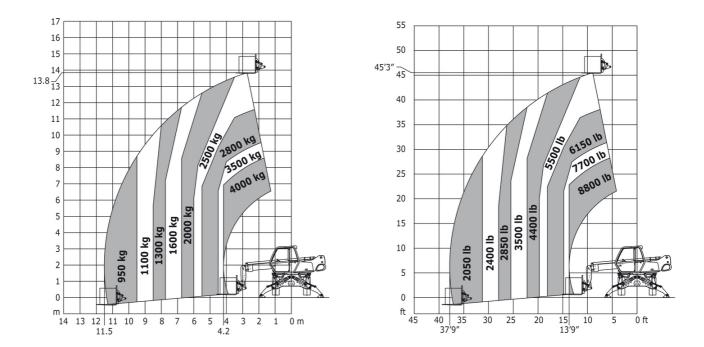


Machine on tyres with forks Imperial

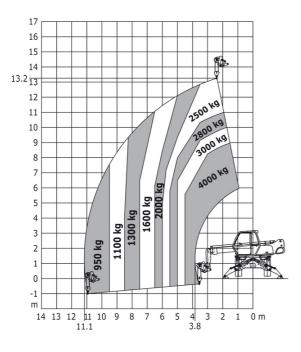


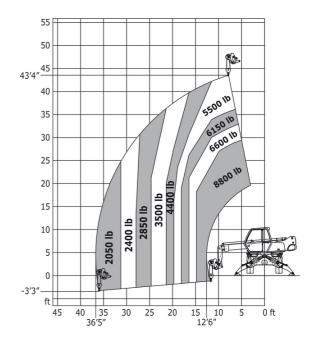
Machine on lowered stabilisers with forks Metric

Machine on lowered stabilisers with forks Imperial



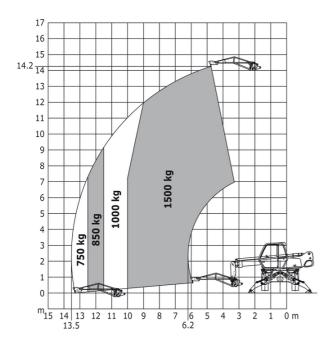
Machine on lowered stabilisers with winch 5000 kg Metric Machine on lowered stabilisers with winch 5000 kg Imperial

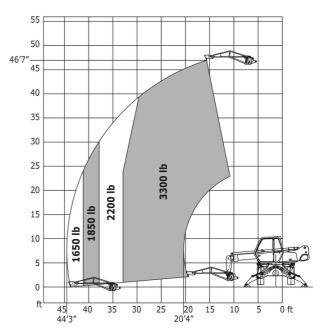




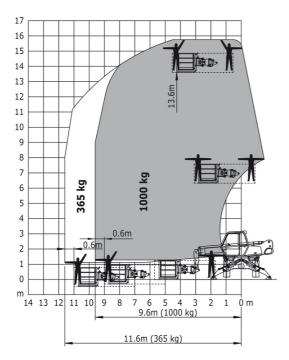
Machine on lowered stabilisers with 1500 kg jib Metric

Machine on lowered stabilisers with 1500 kg jib Imperial

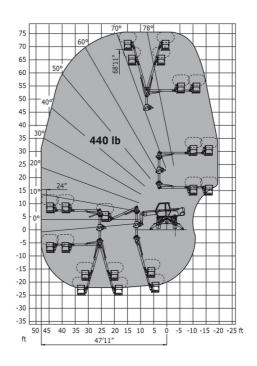




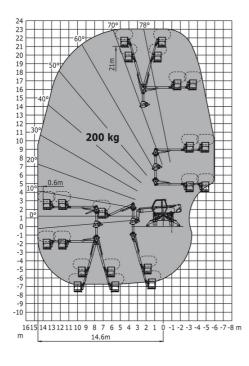
Machine on lowered stabilisers with 1000 kg platform Metric



Machine on lowered stabilisers with 3D positive / negative Imperial



Machine on lowered stabilisers with 3D positive / negative Metric





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