

Technical sheet :

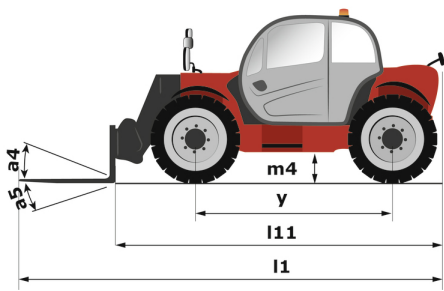
MT-X 1033



 **MANITOU**
HANDLING YOUR WORLD

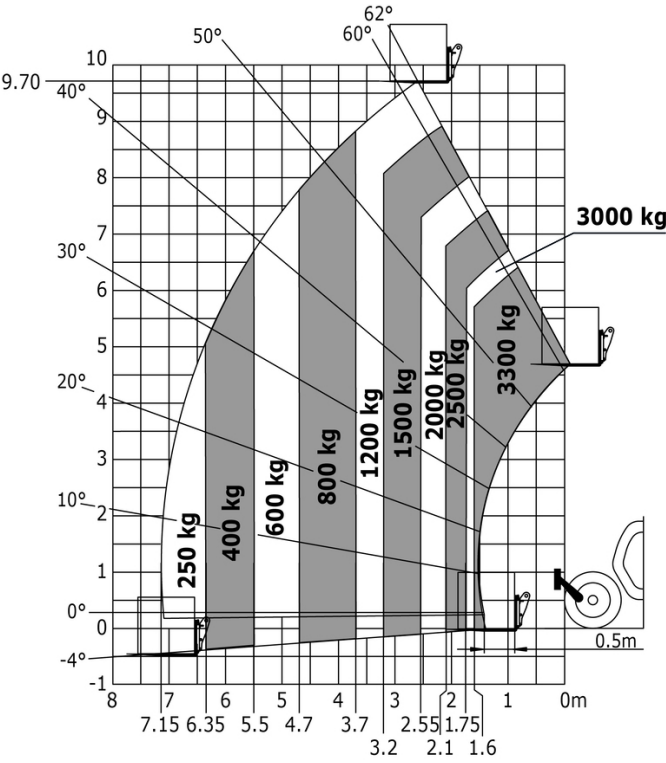
Capacities		Metric	Imperial
Max. capacity		3300 kg	7275 lb
Max. lifting height		9.98 m	32 ft 9 in
Maximum outreach		7.15 m	23 ft 5 in
Breakout force with bucket		5330 daN	5330 daN
Weight and dimensions			
Overall length to carriage	l11	4.93 m	16 ft 2 in
Length to face of forks	l2	4.93 m	16 ft 2 in
Overall width	b1	2.25 m	7 ft 5 in
Overall height	h17	2.30 m	7 ft 7 in
Wheelbase	y	2.69 m	8 ft 10 in
Ground clearance	m4	0.44 m	1 ft 5 in
Overall cab width	b4	0.89 m	2 ft 11 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	114 °	114 °
External turning radius (over tyres)	Wa1	3.66 m	12 ft
Unladen weight (with forks)		7745 kg	17075 lb
Overall weight		7745 kg	17075 lb
Tires type		Pneumatic	Pneumatic
Standard tires		Alliance 400/80 - 24 - 162A8	Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	1200 mm x 125 mm x 45 mm	47 in x 5 in x 2 in
Performances			
Lifting		6.70 s	6.70 s
Lowering		5.40 s	5.40 s
Extension		13.60 s	13.60 s
Retraction		8.70 s	8.70 s
Crowd		2.70 s	2.70 s
Dump		2.30 s	2.30 s
Engine			
Engine brand		Perkins	Perkins
Engine norm		Stage IIIA	Stage IIIA
Max. fuel sulphur content		5000 ppm	5000 ppm
Engine model		1104D-44 TA	1104D-44 TA
Number of cylinders / Capacity of cylinders		4 - 4400 cm³	4 - 269 in³
I.C. Engine power rating - Power		101 Hp / 74.50 kW	101 Hp / 74.50 kW
Max. torque / Engine rotation		410 Nm @ 1400 rpm	302 ft/lbs @ 1400 rpm
Drawbar pull (Laden)		9100 daN	9100 daN
Transmission			
Transmission type		Torque converter	Torque converter
Number of gears (forward / reverse)		4 / 4	4 / 4
Max. travel speed		27 km/h	17 mph
Max. travel speed (may vary according to applicable regulations)		27 km/h	17 mph
Parking brake		Manual	Manual
Service brake		Oil-immersed multi-discs on front & rear axles	Oil-immersed multi-discs on front & rear axles
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow / Pressure		106 l/min-250 bar	28 US gpm-3626 PSI
Tank capacities			
Engine oil		11 l	3 US gal
Hydraulic oil		128 l	34 US gal
Fuel tank		120 l	32 US gal
Noise and vibration			
Noise at driving position (LpA)		76 dB	76 dB
Noise to environment (LwA)		104 dB	104 dB
Vibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Steering wheels (front / rear)		2 / 2	2 / 2
Drive wheels (front / rear)		2 / 2	2 / 2
Safety / Cab certification		Standard EN 15000 / Cabin ROPS - FOPS level 2	Standard EN 15000 / Cabin ROPS - FOPS level 2
Controls		JSM	JSM

MT-X 1033 - Dimensional drawing

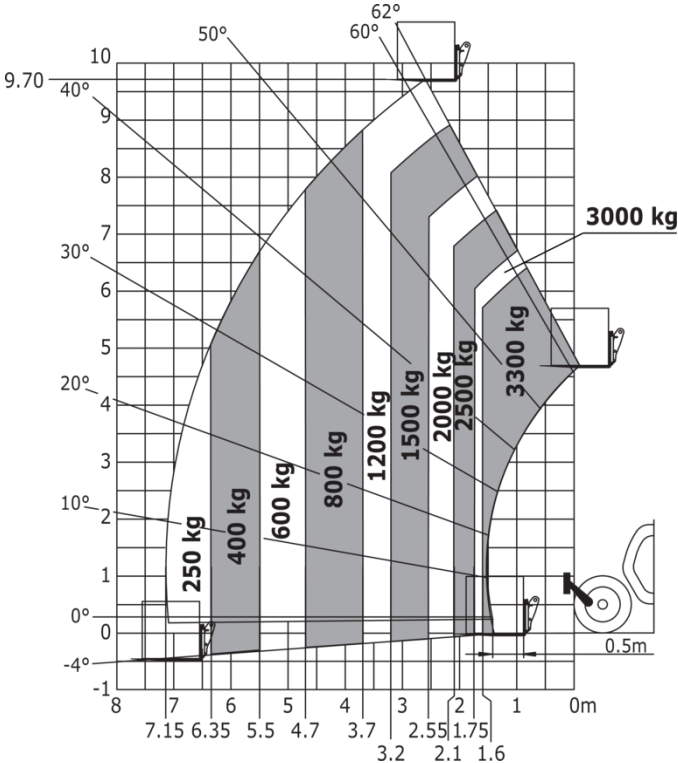


MT-X 1033 - Load chart

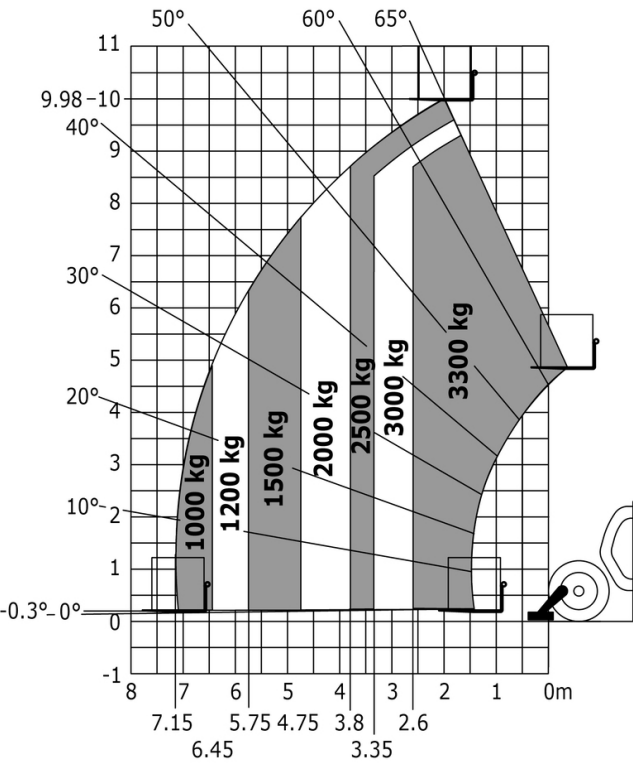
Machine on tires with forks Metric



Machine on tires with forks Imperial



Machine on lowered stabilisers with forks Metric



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