

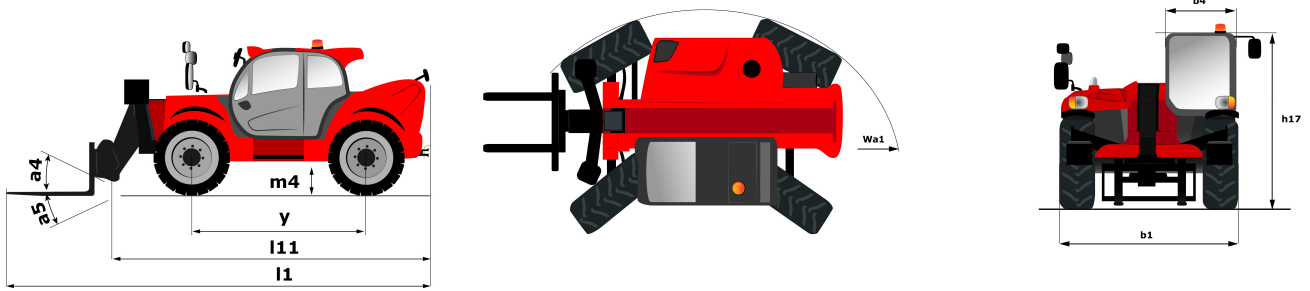
Technical sheet :

MT-X 1440

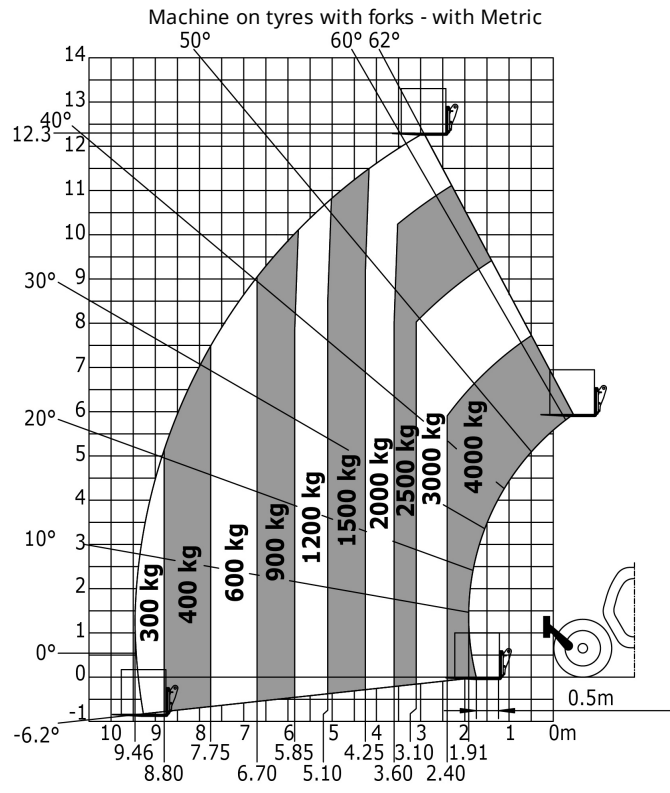


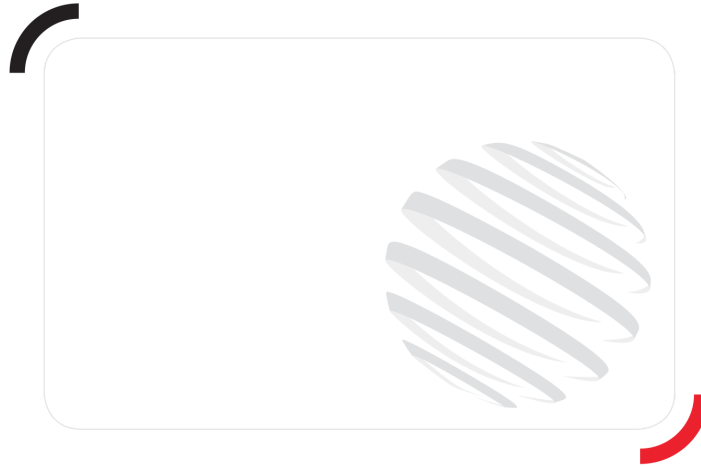
Capacities		Metric	Imperial
Max. capacity	Q	4000 kg	8818 lbs
Max. lifting height	h3	13.53 m	44 ft 5 in
Max. Reach	l4	9.46 m	31 ft
Breakout force with bucket		8000 daN	8000 daN
Weight and dimensions			
Overall length to carriage	l11	6.02 m	19 ft 9 in
Overall width	b1	2.42 m	7 ft 11 in
Overall height	h17	2.45 m	8 ft
Wheelbase	y	3.07 m	10 ft 1 in
Ground clearance	m4	0.42 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	3.94 m	12 ft 11 in
Unladen weight (with forks)		11115 kg	24504 lbs
Tyres type		Pneumatic	Pneumatic
Standard tyres		Alliance 400/80 - 24 - 162A8	Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	1200 mm x 125 mm / 50 mm	47.244 in x 4.921 in / 1.969 in
Performances			
Lifting		15.5 s	15.5 s
Lowering		11.6 s	11.6 s
Extension		16.5 s	16.5 s
Retraction		11.9 s	11.9 s
Crowd		3.9 s	3.9 s
Dump		4 s	4 s
Engine			
Engine brand		Perkins	Perkins
Engine norm		Stage III A	Stage III A
Engine model		1104D-44TA	1104D-44TA
Number of cylinders / Capacity of cylinders		4 - 4400 cm ³	4 - 268.50 in ³
I.C. Engine power rating - Power (kW)		101 Hp / 74.5 kW	101 Hp / 74.5 kW
Max. torque / Engine rotation		400 Nm @ 1400 rpm	400 Nm @ 1400 rpm
Drawbar pull (Laden)		8250 daN	8250 daN
Transmission			
Transmission type		Torque Converter	Torque Converter
Number of gears (forward / reverse)		4 / 4	4 / 4
Max. travel speed		24.9 km/h	15.5 mph
Parking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
Service brake		Oil-immersed multi-discs braking on front & rear axles	Oil-immersed multi-discs braking on front & rear axles
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow / Pressure		167 l/min / 270 Bar	167 l/min / 19 PSI
Tank capacities			
Engine oil		11.40 l	3.01 US gal
Hydraulic oil		135 l	35.67 US gal
Fuel tank		140 l	36.99 US gal
Noise and vibration			
Noise at driving position (LpA)		82 dB(A)	82 dB(A)
Noise to environment (LwA)		105 dB(A)	105 dB(A)
Vibration on hands/arms		< 2.5 m/s	< 8.2 ft/s
Miscellaneous			
Steering wheels (front / rear)		2 / 2	2 / 2
Drive wheels (front / rear)		2 / 2	2 / 2
Safety cab homologation		ROPS - FOPS cab (level 2)	ROPS - FOPS cab (level 2)
Controls		JSM	JSM

Dimensional drawing



Load chart





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