

Technical sheet :

# MT-X 733

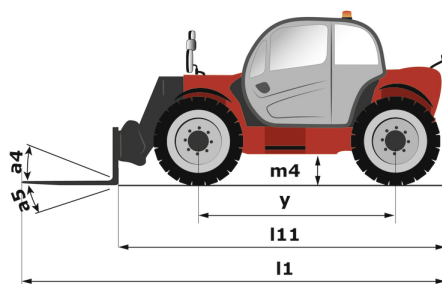
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Capacities		Imperial
Max. capacity		7275 lb
Max. lifting height		22 ft 8 in
Max. outreach		12 ft 10 in
Breakout force with bucket		7400 daN
Weight and dimensions		
Overall length to carriage	l11	15 ft 7 in
Length to face of forks	l2	15 ft 7 in
Overall width	b1	7 ft 5 in
Overall height	h17	7 ft 7 in
Wheelbase	y	9 ft 3 in
Ground clearance	m4	1 ft 6 in
Overall cab width	b4	2 ft 11 in
Tilt-up angle	a4	12 °
Tilt-down angle	a5	114 °
External turning radius (over tyres)	Wa1	12 ft 6 in
Unladen weight (with forks)		15631 lb
Overall weight		14595 lb
Tires type		Pneumatic
Standard tires		Alliance 400/80 - 24 - 162A8
Forks length / width / section	l / e / s	47 in x 5 in / 2 in
Performances		
Lifting		7.20 s
Lowering		5.50 s
Extension		6.50 s
Retraction		5.40 s
Crowd		2.90 s
Dump		2.80 s
Engine		
Engine brand		Perkins
Engine norm		Stage IIIA
Max. fuel sulphur content		5000 ppm
Engine model		1104D-44 T
Number of cylinders / Capacity of cylinders		4 - 269 in³
I.C. Engine power rating - Power		95 Hp / 70 kW
Max. torque / Engine rotation		289 ft/lbs @ 1400 rpm
Drawbar pull (Laden)		9000 daN
Transmission		
Transmission type		Torque converter
Number of gears (forward / reverse)		4 / 4
Max. travel speed		17 mph
Parking brake		Manual
Service brake		Oil-immersed multi-discs braking on front & rear axles
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		27 US gpm-3626 PSI
Tank capacities		
Engine oil		3 US gal
Hydraulic oil		34 US gal
Fuel tank		32 US gal
Noise and vibration		
Noise at driving position (LpA)		78 dB
Noise to environment (LwA)		104 dB
Vibration on hands/arms		< 2.50 m/s²
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Safety / Safety cab homologation		Standard EN 15000 / ROPS - FOPS level 2 cab
Controls		JSM

## MT-X 733 - Dimensional drawing





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