

Technical sheet :

MLT 625-75 H



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric	Imperial
Max. capacity	Q	2500 kg	5512 lb
Max. lifting height	h3	5.90 m	19 ft 4 in
Max. outreach		3.30 m	10 ft 10 in
Reach at max. height		0.50 m	1 ft 8 in
Breakout force with bucket		4205 daN	4205 daN
Weight and dimensions			
Unladen weight (with forks)		4922 kg	10851 lb
Ground clearance	m4	0.38 m	1 ft 3 in
Wheelbase	y	2.30 m	7 ft 7 in
Overall length to carriage (with hitch)	l11	3.90 m	12 ft 10 in
Overall length to carriage (without hitch)	l3	3.90 m	12 ft 10 in
Front overhang		0.99 m	3 ft 3 in
Overall width	b1	1.81 m	5 ft 11 in
Overall cab width	b4	0.80 m	2 ft 7 in
Overall height	h17	2 m	6 ft 7 in
Tilt-down angle	a5	117 °	117 °
Tilt-up angle	a4	12 °	12 °
External turning radius (over tyres)	Wa1	3.31 m	10 ft 10 in
Standard tires		Alliance - A580 - 300/75 R18 142A8	Alliance - A580 - 300/75 R18 142A8
Drive wheels (front / rear)		2 / 2	2 / 2
Steering wheels (front / rear)		2 / 2	2 / 2
Performances			
Lifting		7.30 s	7.30 s
Lowering		4.95 s	4.95 s
Extension		5.20 s	5.20 s
Retraction		3.70 s	3.70 s
Crowd		3.20 s	3.20 s
Dump		3.20 s	3.20 s
Engine			
Engine brand		Kubota	Kubota
Engine norm		Stage V	Stage V
Engine model		V3307-CR-TE5B	V3307-CR-TE5B
Number of cylinders - Capacity of cylinders		4 - 3331 cm³	4 - 203 in³
I.C. Engine power rating / Power		75 Hp / 55.40 kW	75 Hp / 55.40 kW
Max. torque / Engine rotation		265 Nm @1400 rpm	195 ft/lbs @1400 rpm
Drawbar pull (Laden)		3240 daN	3240 daN
Reversible fan		Standard	Standard
Engine cooling system		2 radiators water + hydraulic oil	2 radiators water + hydraulic oil
Transmission			
Transmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		2 / 2	2 / 2
Max. travel speed (may vary according to applicable regulations)		25 km/h	16 mph
Differential lock		Limited slip differential on front axle	Limited slip differential on front axle
Parking brake		Automatic negative parking brake	Automatic negative parking brake
Service brake		Oil-Immersed multi-discs braking on front axles	Oil-Immersed multi-discs braking on front axles
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow - Pressure		86 l/min - 235 bar	23 US gpm - 3408 PSI
Tank capacities			
Hydraulic oil		115 l	30 US gal
Fuel tank		63 l	17 US gal
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		76 dB	76 dB
Noise to environment (LwA)		104 dB	104 dB
Vibration to whole hand/arm		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Safety cab homologation		ROPS - FOPS level 1 cab	ROPS - FOPS level 1 cab
Controls		JSM	JSM

Optional tires tab

Optional tires	Overall height	Overall width
ALLIANCE - A328 - 400/55 R17.5 149A8	6 ft 7 in (2.01 m)	6 ft 4 in (1.92 m)
BKT - AS504 - 15/55-17 122A8	6 ft 6 in (1.99 m)	6 ft 4 in (1.93 m)
MICHELIN - XMCL - 280/80 R18 132A8	6 ft 7 in (2.01 m)	6 ft (1.82 m)
MICHELIN - XMCL - 280/80 R20 133A8	6 ft 8 in (2.03 m)	5 ft 10 in (1.79 m)

MLT 625-75 H - Dimensional drawing





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