

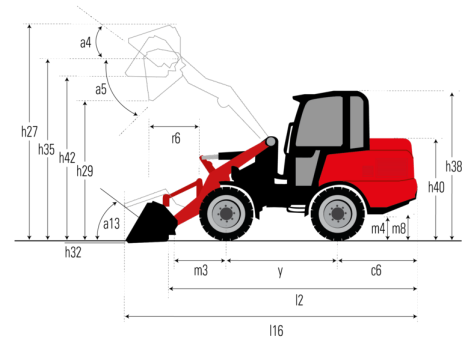
Technical sheet :

MLA 6-65 H-Z



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric	Imperial
Static tipping load with bucket (straight)		2907 kg	6409 lb
Static tipping load with bucket (full turn)		2230 kg	4916 lb
Static tipping load with forks (straight)		2259 kg	4980 lb
Static tipping load with forks (full turn)		1778 kg	3920 lb
Max. height of bucket pivot point	h35	3.32 m	10 ft 11 in
Max. lifting height (below forks)	h3	3.13 m	10 ft 3 in
Breakout force with bucket		5743 daN	5743 daN
Weight and dimensions			
Unladen weight (with forks) with 4-post canopy		4150 kg	9149 lb
Unladen weight (with forks)		4309 kg	9500 lb
Wheelbase	y	2.01 m	6 ft 7 in
Overall width of 4 posts canopy	b22	1.28 m	4 ft 2 in
Overall cab width	b4	1.28 m	4 ft 2 in
Overall height with FOPS removed and ROPS folded	h36	1.98 m	6 ft 6 in
Overall height with 4 posts canopy	h38	2.47 m	8 ft 1 in
Overall height with cab	h17	2.47 m	8 ft 1 in
Tilt-up angle	a4	45 °	45 °
Tilt-down angle	a5	45 °	45 °
Articulation angle	a19	45 °	45 °
Overall width less bucket	b1	1.65 m	5 ft 5 in
Overall length - Less Bucket	l2	4.26 m	14 ft
Ground clearance	m4	0.37 m	1 ft 3 in
Engine			
Engine brand		Yanmar	Yanmar
Engine model		4TNV98CT_PGWL1	4TNV98CT_PGWL1
Engine nom		Stage IIIB	Stage IIIB
Number of cylinders / Capacity of cylinders		4 - 3300 cm³	4 - 201 in³
I.C. Engine power rating / Power		65 Hp / 48.50 kW	65 Hp / 48.50 kW
Max. torque / Engine rotation		280 Nm / 1560 rpm	207 ft/lbs / 1560 rpm
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)		30 km/h	19 mph
Travel speed (laden)		20 km/h	12 mph
Differential lock		Front and rear locking of the machine	Front and rear locking of the machine
Parking brake		Manual	Manual
Service brake		Hydraulic drum brake on front axle, acting on all 4 wheels	Hydraulic drum brake on front axle, acting on all 4 wheels
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow - Pressure		70 l/min / 200 bar	18 US gpm / 2901 PSI
High-Flow Option (l/min)		100 l/min	26 US gpm
Drive hydraulic system pressure		420 bar	6092 PSI
Tank capacities			
Hydraulic oil		74 l	20 US gal
Fuel tank		95 l	25 US gal
Noise and vibration			
Vibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Cab certification		ROPS - FOPS cab (level 1)	ROPS - FOPS cab (level 1)





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