

Technical sheet :

MLA 2-25 H



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric	Imperial
Static tipping load with bucket (straight)		1015 kg	2238 lb
Static tipping load with bucket (full turn)		865 kg	1907 lb
Static tipping load with forks (straight)		740 kg	1631 lb
Static tipping load with forks (full turn)		630 kg	1389 lb
Max. height of bucket pivot point	h35	2736 mm	108 in
Weight and dimensions			
Unladen weight (with forks) with 4-post canopy		1740 kg	3836 lb
Wheelbase	y	1419 mm	56 in
Overall cab width	b4	991 mm	39 in
Overall height with 4 posts canopy	h38	2140 mm	84 in
Dump reach - Full height	r6	475 mm	19 in
Hood Height	h40	1254 mm	49 in
Overall Operating Height - Fully Raised	h27	3535 mm	139 in
Articulation angle	a19	45 °	45 °
Maximum oscillation angle		10 °	10 °
Overall length with bucket	l16	3627 mm	143 in
Overall width less bucket	b1	1040 mm	41 in
Overall length - Less Bucket	l2	2928 mm	115 in
Rear overhang	c6	801 mm	32 in
Dump angle - Fully raised	a5	41 °	41 °
Dump Height - Fully Raised	h29	2008 mm	79 in
Maximum Rollback Angle - Fully Raised	a4	45 °	45 °
Maximum Rollback Angle at Ground	a13	47 °	47 °
Digging Position	h32	-45 mm	-2 in
Ground clearance	m4	153 mm	6 in
Clearance Radius - Front with Bucket	b18	2681 mm	106 in
Clearance Radius - Less bucket	b14	2251 mm	89 in
Ground Plane to Bucket Edge Height	h42	2515 mm	99 in
Tread width (wheel center)	b29	848 mm	33 in
Attachment Pivot Clearance		192 mm	8 in
Height from ground to axle center	m8	144 mm	6 in
Bucket Width	e1	1100 mm	43 in
Front Wheel Center to Pivot Pin	m3	563 mm	22 in
Height to Hinge Pin - Fully Raised	h28	2736 mm	108 in
Engine			
Engine brand		Perkins	Perkins
Engine model		403J-11	403J-11
Engine norm		Stage V	Stage V
Number of cylinders		3	3
I.C. Engine power rating / Power		24.70 Hp / 18.40 kW	24.70 Hp / 18.40 kW
Max. torque / Engine rotation		66.80 Nm / 2100 rpm	49 ft/lbs / 2100 rpm
Engine cooling system		Water	Water
Transmission			
Transmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		1 / 1	1 / 1
Max. travel speed (may vary according to applicable regulations)		12 km/h	7 mph
Service brake		Inching Brake	Inching Brake
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow - Pressure		30 l/min / 207 bar	8 US gpm / 3002 PSI
High-Flow Option (l/min)		30 l/min	8 US gpm
Tank capacities			
Hydraulic oil		24 l	6 US gal
Fuel tank		30 l	8 US gal



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