

Technical sheet

MLA 4-50 H

Articulated loaders

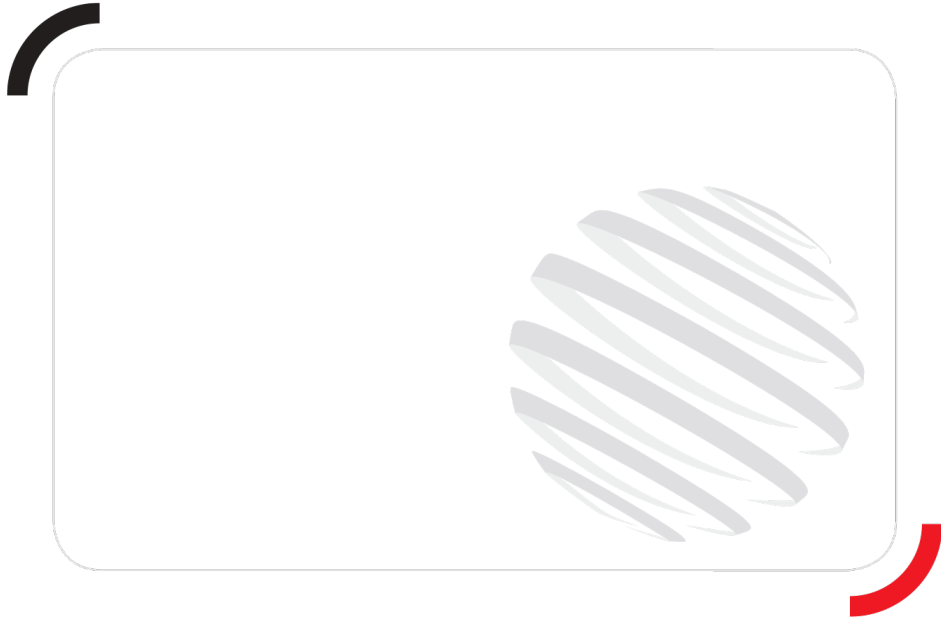


Capacities	Metric	Imperial
Static tipping load with bucket (straight)	1839 kg	4054 lbs
Static tipping load with bucket (full turn)	1205 kg	2656 lbs
Static tipping load with forks (straight)	1480 kg	3262 lbs
Static tipping load with forks (full turn)	971 kg	2140 lbs
h35 - Max. height of bucket pivot point	3.01 m	9 ft 10 in
h3 - Max. lifting height (below forks)	2.77 m	9 ft 1 in
Breakout force with bucket	2412 daN	5422 lbf
Weight and dimensions		
Unladen weight (with forks) with 2-post canopy	2740 kg	6040 lbs
Unladen weight (with forks) with 4-post canopy	2790 kg	6150 lbs
m4 - Ground clearance	0.25 m	10 in
l2 - Overall length to carriage (with hitch)	3.55 m	11 ft 8 in
y - Wheelbase	1.62 m	5 ft 4 in
b21 - Overall width of 2 posts canopy	1.01 m	3 ft 4 in
b22 - Overall width of 4 posts canopy	1.02 m	3 ft 4 in
b1 - Overall width (over tyres)	1.33 m	4 ft 4 in
h36 - Overall height with FOPS removed and ROPS folded	1.84 m	6 ft
h37 - Overall height with 2 posts canopy	2.54 m	8 ft 4 in
h38 - Overall height with 4 posts canopy	2.32 m	7 ft 7 in
h17 - Overall height with cab	2.32 m	7 ft 7 in
a4 - Crowd angle	45 °	45 °
a5 - Dump angle	53 °	53 °
Wa1 - External turning radius (over tyres)	2.64 m	8 ft 10 in
Articulation angle	45 °	45 °
Standard tyres	Mitas - 15.0x55-17 TR-07	Mitas - 15.0x55-17 TR-07
Engine		
Brand	Yanmar	Yanmar
Environmental norm	Stage 3A	Stage 3A
Model	4TNV88	4TNV88
Number of cylinders - Cubic capacity	4 - 2200 cm ³	4 - 134.25 in ³
Power	47 hp / 35 kW	47 hp / 35 kW
Max. torque	137.40 Nm at 1680 rpm	101.34 ft.lbs at 1680 rpm
Transmission		
Type	Hydrostatic	Hydrostatic
Number of Gears (Forward) with standard speed	2	2
Number of Gears (Reverse) with standard speed	2	2
Number of Gears (Forward) with max. speed	2	2
Number of Gears (Reverse) with max. speed	2	2
Max. travel speed	20 km/h	12 mph
Differential lock	Limited slip differential on front and rear axles	Limited slip differential on front and rear axles
Parking brake	Manual parking brake	Manual parking brake
Hydraulics		
Hydraulic pump type	Gear pump	Gear pump
Hydraulic flow - Pressure	57 l/min - 207 bar	15.05 gpm - 3002 psi
Drive hydraulic system pressure	410 bar	5946 psi
Tank capacities		
Hydraulic oil	42 l	11.09 US gal.
Fuel	68 l	17.96 US gal.
Noise & vibration		
Vibration to whole hand / arm	2.5 m/s ²	8.2 ft/s ²
Miscellaneous		
Safety	Cab ROPS - FOPS Level 1	Cab ROPS - FOPS Level 1

Options / Finishing

S : Standard / O : Optional / - : Not available

	Essential	Classic	Premium	Elite
General				
Air prefilter	S	-	-	-
Hand throttle	S	-	-	-
Comfort				
Mechanical seat	S	-	-	-
Air suspension seat	O	-	-	-
Canopy	S	-	-	-
Adjustable steering column	S	-	-	-
Hydraulic				
Attachment hydraulic locking	O	-	-	-
Easy Connect System (ECS)	S	-	-	-
Continuous flow hydraulics	S	-	-	-
Attachment hydraulic line	S	-	-	-
Electricity / Safety				
Complete road lighting	O	-	-	-
Rotating beacon light	O	-	-	-
Front and rear work lights on cab (x4: 2 front + 2 rear)	S	-	-	-



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