

Technical sheet

MLA 5-50 H-2

Articulated loaders



Capacities	Metric
Static tipping load with bucket (straight)	2151 kg
Static tipping load with bucket (full turn)	1433 kg
Static tipping load with forks (straight)	1669 kg
Static tipping load with forks (full turn)	1111 kg
h35 - Max. height of bucket pivot point	3.06 m
h3 - Max. lifting height (below forks)	2.86 m
Breakout force with bucket	4780 daN
Weight and dimensions	
Unladen weight (with forks) with 2-post canopy	3307 kg
Unladen weight (with forks) with 4-post canopy	3388 kg
Unladen weight (with forks) with cab	3502 kg
m4 - Ground clearance	0.27 m
l2 - Overall length to carriage (with hitch)	3.79 m
y - Wheelbase	1.74 m
b21 - Overall width of 2 posts canopy	1.01 m
b22 - Overall width of 4 posts canopy	1.02 m
b4 - Overall width of cab	1.02 m
b1 - Overall width (over tyres)	1.33 m
h36 - Overall height with FOPS removed and ROPS folded	1.84 m
h37 - Overall height with 2 posts canopy	2.54 m
h38 - Overall height with 4 posts canopy	2.32 m
h17 - Overall height with cab	2.32 m
a4 - Crowd angle	45 °
a5 - Dump angle	47 °
wa1 - External turning radius (over tyres)	2.75 m
Articulation angle	45 °
Standard tyres	Mitas - 15.0x55-17 TR-07
Engine	
Brand	Yanmar
Environmental norm	Stage 3A
Model	4TNV88
Number of cylinders - Cubic capacity	4 - 2200 cm ³
Power	47 hp / 35 kW
Max. torque	137.40 Nm at 1680 rpm
Transmission	
Type	Hydrostatic
Number of Gears (Forward) with standard speed	2
Number of Gears (Reverse) with standard speed	2
Number of Gears (Forward) with max. speed	2
Number of Gears (Reverse) with max. speed	2
Max. travel speed	20 km/h
Differential lock	Limited slip differential on front and rear axles
Parking brake	Manual parking brake
Hydraulics	
Hydraulic pump type	Gear pump
Hydraulic flow - Pressure	57 l/min - 207 bar
Drive hydraulic system pressure	410 bar
Tank capacities	
Hydraulic oil	42 l
Fuel	68 l
Noise & vibration	
Vibration to whole hand / arm	2.5 m/s ²
Miscellaneous	
Safety	Cab ROPS - FOPS Level 1

Options / Finishing

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

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



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