

Technical sheet

# **MLA 4-50 H**

Articulated loaders



Capacities	Metric
Static tipping load with bucket (straight)	1839 kg
Static tipping load with bucket (full turn)	1205 kg
Static tipping load with forks (straight)	1480 kg
Static tipping load with forks (full turn)	971 kg
h35 - Max. height of bucket pivot point	3.01 m
h3 - Max. lifting height (below forks)	2.77 m
Breakout force with bucket	2412 daN
Weight and dimensions	
Unladen weight (with forks) with 2-post canopy	2740 kg
Unladen weight (with forks) with 4-post canopy	2790 kg
m4 - Ground clearance	0.25 m
l2 - Overall length to carriage (with hitch)	3.55 m
y - Wheelbase	1.62 m
b21 - Overall width of 2 posts canopy	1.01 m
b22 - Overall width of 4 posts canopy	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	53 °
Wa1 - External turning radius (over tyres)	2.64 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 <sup>3</sup>
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 <sup>2</sup>
Miscellaneous	
Safety	Cab ROPS - FOPS Level 1

## Options / Finishing

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

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



Siège Social  
430 rue de l'Aubinière - 44150 Ancenis Cedex - France  
Tel: +33(0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97  
[www.manitou.com](http://www.manitou.com)



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