

Technical sheet

MLA 3-35 H

Articulated loaders



Capacities	Metric	Imperial
Static tipping load with bucket (straight)	1670 kg	3681 lbs
Static tipping load with bucket (full turn)	1280 kg	2821 lbs
Static tipping load with forks (straight)	1169 kg	2577 lbs
Static tipping load with forks (full turn)	909 kg	2004 lbs
h35 - Max. height of bucket pivot point	2.86 m	9 ft 5 in
h3 - Max. lifting height (below forks)	2.65 m	8 ft 8 in
Breakout force with bucket	2540 daN	5710 lbf
Weight and dimensions		
Unladen weight (with forks) with 2-post canopy	2472 kg	5449 lbs
Unladen weight (with forks) with 4-post canopy	2520 kg	5555 lbs
Unladen weight (with forks) with cab	2649 kg	5840 lbs
m4 - Ground clearance	0.24 m	9 in
l2 - Overall length to carriage (with hitch)	3.35 m	11 ft
y - Wheelbase	1.63 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
b4 - Overall width of cab	1.02 m	3 ft 4 in
b1 - Overall width (over tyres)	1.32 m	4 ft 4 in
h36 - Overall height with FOPS removed and ROPS folded	1.78 m	5 ft 10 in
h37 - Overall height with 2 posts canopy	2.48 m	8 ft 2 in
h38 - Overall height with 4 posts canopy	2.26 m	7 ft 5 in
h17 - Overall height with cab	2.26 m	7 ft 5 in
a4 - Crowd angle	39.70 °	39.70 °
a5 - Dump angle	43 °	43 °
Wa1 - External turning radius (over tyres)	2.63 m	8 ft 10 in
Articulation angle	45 °	45 °
Standard tyres	Mitas - 31x15.5-15 SK-02	Mitas - 31x15.5-15 SK-02
Engine		
Brand	Yanmar	Yanmar
Environmental norm	Stage 3A	Stage 3A
Model	3TNV88	3TNV88
Number of cylinders - Cubic capacity	3 - 1600 cm ³	3 - 97.63 in ³
Power	35 hp / 26 kW	35 hp / 26 kW
Max. torque	102.70 Nm at 1680 rpm	75.74 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	19 km/h	11.80 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	45 l/min - 207 bar	11.88 gpm - 3002 psi
Drive hydraulic system pressure	345 bar	5003 psi
Tank capacities		
Hydraulic oil	26 l	6.87 US gal.
Fuel	57 l	15.05 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				
Hand throttle	S	S	-	-
Air prefilter	S	S	-	-
Comfort				
Tuner car radio	-	S	-	-
Mechanical seat	S	S	-	-
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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