

Technical sheet :

MLA 3-35 H



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HANDLING YOUR WORLD

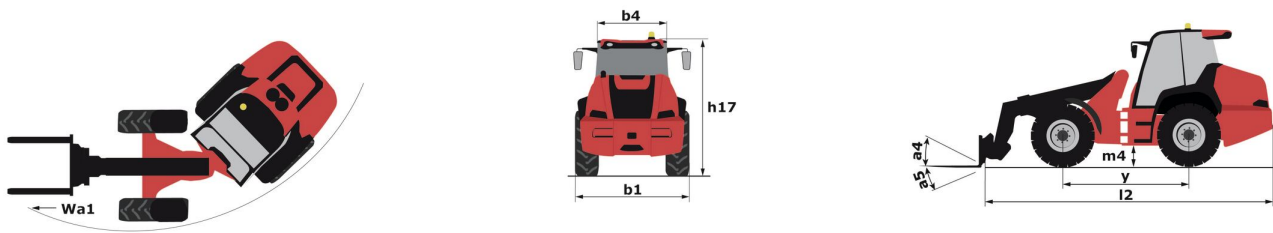
Capacities		Metric	Imperial
Static tipping load with bucket (straight)		1670 kg	3682 lb
Static tipping load with bucket (full turn)		1280 kg	2822 lb
Static tipping load with forks (straight)		1169 kg	2577 lb
Static tipping load with forks (full turn)		909 kg	2004 lb
Max. height of bucket pivot point	h35	2.86 m	9 ft 5 in
Max. lifting height (below forks)	h3	2.65 m	8 ft 8 in
Breakout force with bucket		2540 daN	2540 daN
Weight and dimensions			
Unladen weight (with forks) with 2-post canopy		2472 kg	5450 lb
Unladen weight (with forks) with 4-post canopy		2520 kg	5556 lb
Unladen weight (with forks)		2649 kg	5840 lb
Overall length to carriage (with hitch)	l11	3.35 m	11 ft
Wheelbase	y	1.63 m	5 ft 4 in
Overall width of 2 posts canopy	b21	1.01 m	3 ft 4 in
Overall width of 4 posts canopy	b22	1.02 m	3 ft 4 in
Overall cab width	b4	1.02 m	3 ft 4 in
Overall height with FOPS removed and ROPS folded	h36	1.78 m	5 ft 10 in
Overall height with 2 posts canopy	h37	2.48 m	8 ft 2 in
Overall height with 4 posts canopy	h38	2.26 m	7 ft 5 in
Overall height with cab	h17	2.26 m	7 ft 5 in
Tilt-up angle	a4	39.70 °	39.70 °
Tilt-down angle	a5	43 °	43 °
Articulation angle	a19	45 °	45 °
Overall width less bucket	b1	1.32 m	4 ft 4 in
Overall length - Less Bucket	l2	3.35 m	11 ft
Standard tires		Mitas - 31x15 5 15 SK 02	Mitas - 31x15 5 15 SK 02
Ground clearance	m4	0.24 m	9 in
Engine			
Engine brand		Yanmar	Yanmar
Engine model		3TNV88	3TNV88
Engine nom		Stage IIIA	Stage IIIA
Number of cylinders / Capacity of cylinders		3 - 1600 cm³	3 - 98 in³
I.C. Engine power rating / Power		35 Hp / 26 kW	35 Hp / 26 kW
Max. torque / Engine rotation		102.70 Nm / 1680 rpm	76 ft/lbs / 1680 rpm
Engine cooling system		2 radiators water + hydraulic oil	2 radiators water + hydraulic oil
Transmission			
Transmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		2 / 2	2 / 2
Max. travel speed (may vary according to applicable regulations)		19 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	Manual
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow - Pressure		45 l/min / 207 bar	12 US gpm / 3002 PSI
Drive hydraulic system pressure		345 bar	5004 PSI
Tank capacities			
Hydraulic oil		26 l	7 US gal
Fuel tank		57 l	15 US gal
Noise and vibration			
Vibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Cab certification		ROPS - FOPS cab (level 1)	ROPS - FOPS cab (level 1)

Options / Finishing

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

	Essential	Classic
Lifting function		
Attachment hydraulic line	S	S
Easy Connect System (ECS)	S	S
Hydraulic attachment locking	O	O
Operator station		
Adjustable and telescopic steering column	S	S
Canopy	S	-
Closed cab with heating	-	S
Floor mat	-	S
Tuner car radio - 50W	-	S
Motorization/Power		
Continuous flow hydraulics	S	S
Hand throttle	S	S
Self cleaning air prefilter	S	S
Lighting		
Complete road lighting	O	S
Front and rear work lights on cab (x4)	S	S

MLA 3-35 H - Dimensional drawing





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