

Technical sheet :

# **MLA 5-50 H-Z**

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Capacities		Metric	Imperial
Static tipping load with bucket (straight)		2151 kg	4742 lbs
Static tipping load with bucket (full turn)		1433 kg	3159 lbs
Static tipping load with forks (straight)		1669 kg	3680 lbs
Static tipping load with forks (full turn)		1111 kg	2449 lbs
Max. height of bucket pivot point	h35	3.06 m	10 ft
Max. lifting height (below forks)	h3	2.86 m	9 ft 5 in
Breakout force with bucket		4780 daN	4780 daN
Weight and dimensions			
Unladen weight (with forks) with 2-post canopy		3307 kg	7291 lbs
Unladen weight (with forks) with 4-post canopy		3388 kg	7469 lbs
Unladen weight (with forks)		3502 kg	7721 lbs
Ground clearance center	m4	0.27 m	11 in
Overall length to carriage (with hitch hook)	l11	3.79 m	12 ft 5 in
Overall length to carriage (without hitch hook)	l3	3.79 m	12 ft 5 in
Wheelbase	y	1.74 m	0.069 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 width (over tyres)	b1	1.33 m	4 ft 4 in
Overall height with FOPS removed and ROPS folded	h36	1.84 m	6 ft
Overall height with 2 posts canopy	h37	2.54 m	8 ft 4 in
Overall height with 4 posts canopy	h38	2.32 m	7 ft 7 in
Overall height with cab	h17	2.32 m	7 ft 7 in
Tilt-up angle	a4	45 °	45 °
Tilt-down angle	a5	47 °	47 °
Articulation angle		45 °	45 °
Engine			
Engine brand		Yanmar	Yanmar
Environmental norm		Stage 3A	Stage 3A
Engine model		4TNV88	4TNV88
Number of cylinders / Capacity of cylinders		4 - 2200 cm <sup>3</sup>	4 - 134.25 in <sup>3</sup>
I.C. Engine power rating / Power (kW)		47 Hp / 35 kW	47 Hp / 35 kW
Max. torque / Engine rotation		137 Nm / 1680 tr/min	137 Nm / 1680 tr/min
Engine cooling system		2 radiators water hydraulic oil	2 radiators water hydraulic oil
Transmission			
Transmission type		Hydrostatic	Hydrostatic
Max. travel speed (may vary according to applicable regulations)		20 km/h	12.4 mph
Differential lock		Machine Lock Rear & front	Machine Lock Rear & front
Parking brake		Manual	Manual
Hydraulics			
Hydraulic pump type		Gear Pump	Gear Pump
Hydraulic flow - Pressure		57 l/min / 207 Bar	57 l/min / 14 PSI
Drive hydraulic system pressure		410 Bar	28 PSI
Tank capacities			
Hydraulic oil		42 l	9.24 gal
Fuel tank		68 l	14.96 gal
Noise and vibration			
Vibration to whole hand/arm		< 2.5 m/s <sup>2</sup>	< 2.5 m/s <sup>2</sup>
Miscellaneous			
Safety cabin homologation		Cab ROPS - FOPS Level 1	Cab ROPS - FOPS Level 1

## Options / Finishing

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

Essential

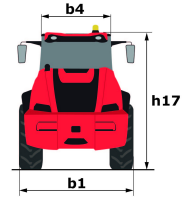
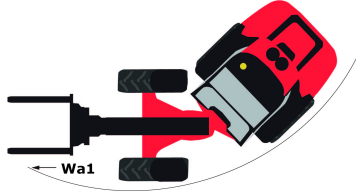
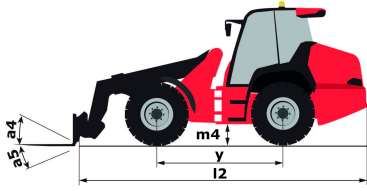
Classic

Premium

Elite

	Essential	Classic	Premium	Elite
<b>General</b>				
Self cleaning air prefilter	S	S	-	-
<b>Comfort</b>				
Tuner car radio (50 W)	-	S	-	-
Air suspension seat	-	O	-	-
Suspension Seat - Mechanical	-	S	-	-
Closed cab with heating	-	S	-	-
Floor mat	-	S	-	-
Canopy	S	-	-	-
<b>Hydraulics</b>				
Hydraulic attachment locking	O	O	-	-
Attachment hydraulic line	S	S	-	-
<b>Electricity / Safety</b>				
Front and rear work lights on cab (x4: 2 front + 2 rear)	S	S	-	-
Complete road lighting	O	S	-	-
<b>Cab options</b>				
Adjustable and telescopic steering column	S	S	-	-
Manual air conditioning	-	O	-	-
Hand throttle	S	S	-	-
<b>Lighting &amp; Protections</b>				
Flat LED rotating beacon (-71 mm)	O	O	-	-
<b>Boom options</b>				
Easy Connect System (E.C.S.)	S	-	-	-
Continuous flow hydraulics	S	S	-	-

# Dimensional drawing





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