Technical sheet:

MLA 4-50 H





		MLA 4-50 H GI	eateu on Apin 25, 2024 at 1.24.11 Fi
Capacities		Metric	Imperial
Static tipping load with bucket (straight)		1839 kg	4054 lb
Static tipping load with bucket (full turn)		1205 kg	2657 lb
Static tipping load with forks (straight)		1480 kg	3263 lb
Static tipping load with forks (full turn)		971 kg	2141 lb
Max. height of bucket pivot point	h35	2836 mm	112 in
Max. lifting height (below forks)	h3	2.77 m	9 ft 1 in
Breakout force with bucket		2412 daN	2412 daN
Weight and dimensions			
Unladen weight (with forks) with 2-post canopy		2740 kg	6041 lb
Unladen weight (with forks) with 4-post canopy		2790 kg	6151 lb
Overall length to carriage (with hitch)	l11	3.55 m	11 ft 8 in
Wheelbase	y	1.62 m	5 ft 4 in
Overall width of 2 posts canopy	b21	1.01 m	3 ft 4 in
	b21	1.01 m	3 ft 4 in
Overall height with 4 posts canopy	h38	2258 mm	89 in
Overall height with 4 posts canopy			
Dump reach - Full height	r6	479 mm	19 in
Overall Operating Height - Fully Raised	h27	3636 mm	143 in
Tilt-up angle	a4	45 °	45 °
Tilt-down angle	a5	53 °	53 °
Articulation angle	a19	45 °	45 °
Overall width less bucket	b1	1110 mm	44 in
Overall length - Less Bucket	12	3583 mm	141 in
Dump angle - Fully raised	a5	42 °	42 °
Dump Height - Fully Raised	h29	2126 mm	84 in
Maximum Rollback Angle - Fully Raised	a4	48 °	48 °
Digging Position	h32	-79 mm	-3 in
Ground clearance	m4	0.25 m	10 in
Ground Plane to Bucket Edge Height	h42	2655 mm	105 in
Height to Hinge Pin – Fully Raised	h28	2900 mm	114 in
Engine			
Engine brand		Yanmar	Yanmar
Engine model		4TNV88	4TNV88
Engine norm		Stage IIIA	Stage IIIA
Number of cylinders / Capacity of cylinders		4 - 2200 cm ³	4 - 134 in³
I.C. Engine power rating / Power		47 Hp / 35 kW	47 Hp / 35 kW
Max. torque / Engine rotation		1680 Nm / 137 rpm	1239 ft/lbs / 137 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)		20 km/h	12 mph
Differential lock		Front and rear locking of the machine	Front and rear locking of the machine
Parking brake		Manual	Manual
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow - Pressure		57 I/min / 207 bar	15 US gpm / 3002 PSI
Drive hydraulic system pressure		410 bar	5947 PSI
Tank capacities		410 001	3747 T GI
Hydraulic oil		42	11 US gal
Fuel tank			
		50 I	13 US gal
Noise and vibration		. 2 FO m: 1:2	.0.50 (-2
Vibration to whole hand/ama		< 2.50 m/s ²	< 2.50 m/s ²
Vibration to whole hand/arm Miscellaneous		2.00 111/0	the state of the s

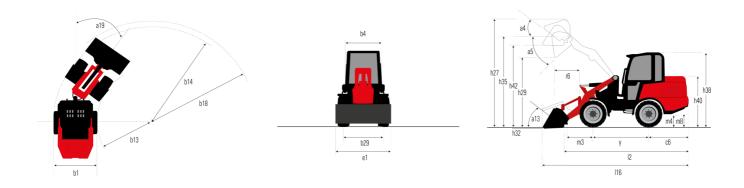
Options / Finishing

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

. Walt - a
Lifting function
Attachment hydraulic line
Easy Connect System (ECS)
Hydraulic attachment locking
Operator station
Adjustable and telescopic steering column
Air suspension seat
Canopy
Suspension Seat - Mechanical
Motorization/Power
Continuous flow hydraulics
Hand throttle
Self cleaning air prefilter
Lighting
Complete road lighting
Front and rear work lights on cab (x4)

Essential			
S			
S	;		
C			
S	•		
C			
S	•		
S	;		
S	•		
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MLA 4-50 H - Dimensional drawing







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