Technical sheet :

MLA 4-50 H



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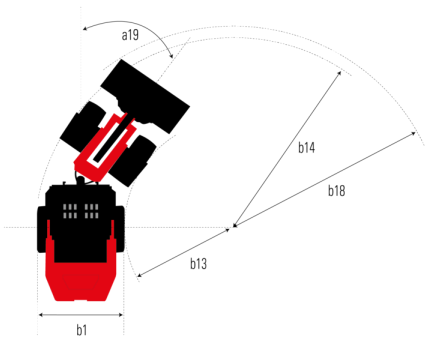
Capacities		Metric	Imperial
Static tipping load with bucket (straight)		1839 kg	4054 lb
Static tipping load with bucket (full turn)		1205 kg	2657 lb
Static tipping load with forks (straight)		1480 kg	3263 lb
Static tipping load with forks (full turn)		971 kg	2141 lb
Max. height of bucket pivot point	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
Overall width of 4 posts canopy	b22	1.02 m	3 ft 4 in
Overall height with 4 posts canopy	h38	2258 mm	89 in
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	l2	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 cm³	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 l/min / 207 bar	15 US gpm / 3002 PSI
Drive hydraulic system pressure		410 bar	5947 PSI
Tank capacities			
Hydraulic oil		42 l	11 US gal
Fuel tank		50 l	13 US gal
Noise and vibration			
Vibration to whole hand/arm		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Safety cab homologation		ROPS - FOPS level 1 cab	ROPS - FOPS level 1 cab

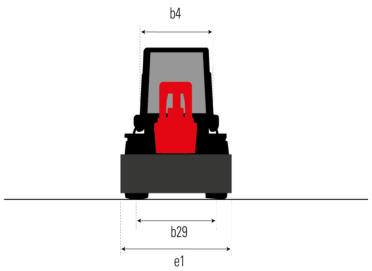
Options / Finishing

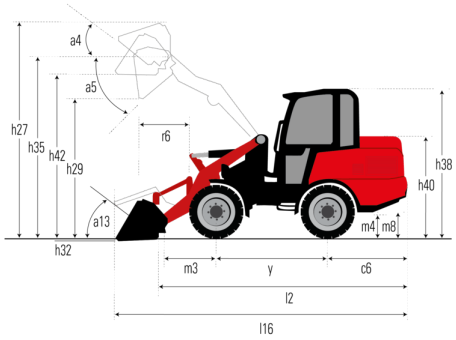
S : Standard / O : Optional / - : Not available

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

MLA 4-50 H - Dimensional drawing







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