

Technical sheet :

MLA 4-50 H



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HANDLING YOUR WORLD

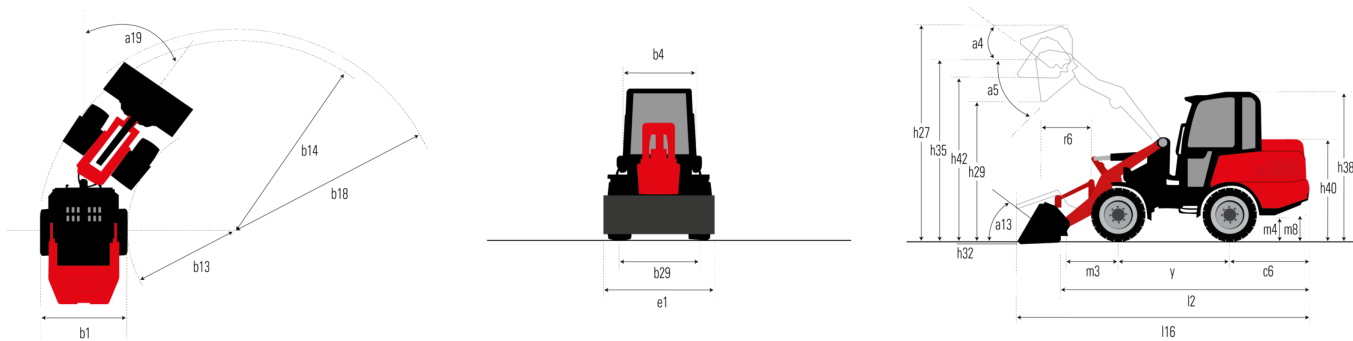
Capacities		Metric
Static tipping load with bucket (straight)		1839 kg
Static tipping load with bucket (full turn)		1205 kg
Static tipping load with forks (straight)		1480 kg
Static tipping load with forks (full turn)		971 kg
Max. height of bucket pivot point	h35	2836 mm
Max. lifting height (below forks)	h3	2.77 m
Breakout force with bucket		2412 daN
Weight and dimensions		
Unladen weight (with forks) with 2-post canopy		2740 kg
Unladen weight (with forks) with 4-post canopy		2790 kg
Overall length to carriage (with hitch)	l11	3.55 m
Wheelbase	y	1.62 m
Overall width of 2 posts canopy	b21	1.01 m
Overall width of 4 posts canopy	b22	1.02 m
Overall height with 4 posts canopy	h38	2258 mm
Dump reach - Full height	r6	479 mm
Overall Operating Height - Fully Raised	h27	3636 mm
Tilt-up angle	a4	45 °
Tilt-down angle	a5	53 °
Articulation angle	a19	45 °
Overall width less bucket	b1	1110 mm
Overall length - Less Bucket	l2	3583 mm
Dump angle - Fully raised	a5	42 °
Dump Height - Fully Raised	h29	2126 mm
Maximum Rollback Angle - Fully Raised	a4	48 °
Digging Position	h32	-79 mm
Ground clearance	m4	0.25 m
Ground Plane to Bucket Edge Height	h42	2655 mm
Height to Hinge Pin - Fully Raised	h28	2900 mm
Engine		
Engine brand		Yanmar
Engine model		4TNV88
Engine norm		Stage IIIA
Number of cylinders / Capacity of cylinders		4 - 2200 cm³
I.C. Engine power rating / Power		47 Hp / 35 kW
Max. torque / Engine rotation		1680 Nm / 137 rpm
Engine cooling system		2 radiators water + hydraulic oil
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed (may vary according to applicable regulations)		20 km/h
Differential lock		Front and rear locking of the machine
Parking brake		Manual
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow - Pressure		57 l/min / 207 bar
Drive hydraulic system pressure		410 bar
Tank capacities		
Hydraulic oil		42 l
Fuel tank		50 l
Noise and vibration		
Vibration to whole hand/arm		< 2.50 m/s²
Miscellaneous		
Safety cab homologation		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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