

Technical sheet :

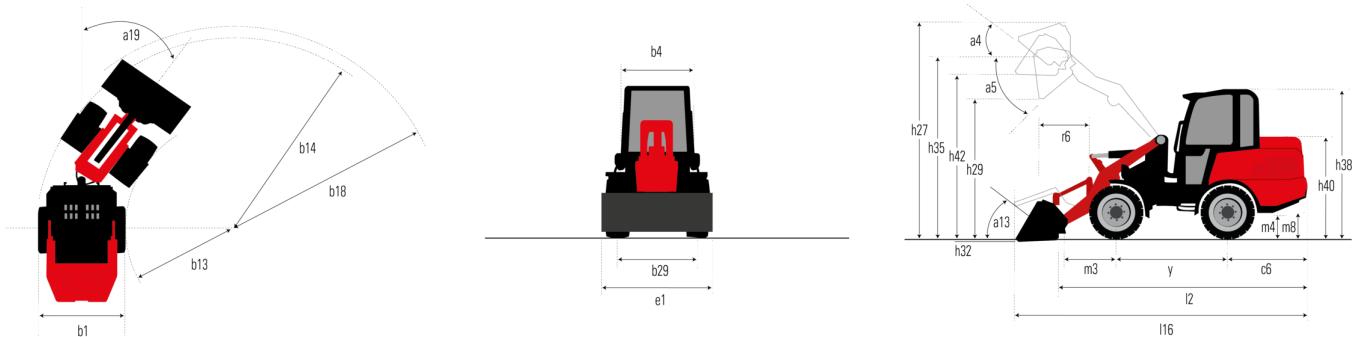
# MLA 4-50 H

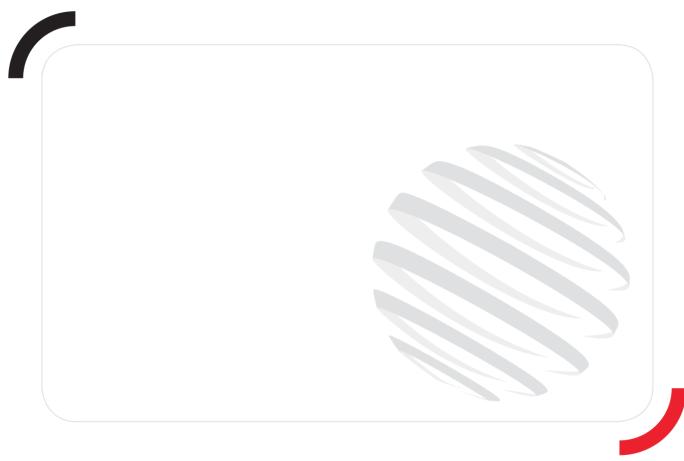


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Capacities		Metric	
Static tipping load with bucket (straight)		1540 kg	
Static tipping load with bucket (full turn)		1355 kg	
Static tipping load with forks (straight)		1175 kg	
Static tipping load with forks (full turn)		1030 kg	
Max. height of bucket pivot point	h35	2836 mm	
Weight and dimensions			
Unladen weight (with forks) with 4-post canopy		2316 kg	
Wheelbase	y	1650 mm	
Overall cab width	b4	991 mm	
Overall height with 4 posts canopy	h38	2258 mm	
Dump reach - Full height	r6	479 mm	
Hood Height	h40	1405 mm	
Overall Operating Height - Fully Raised	h27	3636 mm	
Articulation angle	a19	45 °	
Maximum oscillation angle		11 °	
Overall length with bucket	l16	4279 mm	
Overall width less bucket	b1	1100 mm	
Overall length - Less Bucket	l2	3583 mm	
Rear overhang	c6	1120 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	320 mm	
Clearance Radius - Front with Bucket	b18	3246 mm	
Clearance Radius - Less bucket	b14	2767 mm	
Ground Plane to Bucket Edge Height	h42	2655 mm	
Tread width (wheel center)	b29	836 mm	
Attachment Pivot Clearance		103 mm	
Height from ground to axle center	m8	214 mm	
Bucket Width	e1	1520 mm	
Front Wheel Center to Pivot Pin	m3	669 mm	
Height to Hinge Pin - Fully Raised	h28	2900 mm	
Engine			
Engine brand		Perkins	
Engine model		403J-E17T	
Engine norm		Stage V	
Number of cylinders		3	
Engine power (Hp / kW)		48 Hp / 36 kW	
Max. torque / Engine rotation		166 Nm / 1600 rpm	
Engine cooling system		Water	
Transmission			
Transmission type		Hydrostatic	
Number of gears (forward / reverse)		2 / 2	
Max. travel speed (may vary according to applicable regulations)		20 km/h	
Max. travel speed (in option) (may vary according to applicable regulations)		30 km/h	
Service brake		Hydraulic drum brake on front axle, acting on all 4 wheels	
Hydraulics			
Hydraulic pump type		Gear pump	
Hydraulic flow - Pressure		60 l/min / 207 bar	
High-Flow Option (l/min)		60 l/min	
Tank capacities			
Hydraulic oil		48 l	
Fuel		45 l	

## MLA 4-50 H - Dimensional drawing





# **MANITOU** HANDLING YOUR WORLD

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