

Technical sheet :

MLA 4-50 H-C



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HANDLING YOUR WORLD

Capacities		Metric	Imperial
Static tipping load with bucket (straight)		1765 kg	3891 lb
Static tipping load with bucket (full turn)		1550 kg	3417 lb
Static tipping load with forks (straight)		1310 kg	2888 lb
Static tipping load with forks (full turn)		1150 kg	2535 lb
Max. height of bucket pivot point	h35	2488 mm	98 in
Weight and dimensions			
Unladen weight (with forks) with 4-post canopy		2246 kg	4952 lb
Wheelbase	y	1650 mm	65 in
Overall cab width	b4	991 mm	39 in
Overall height with 4 posts canopy	h38	2258 mm	89 in
Dump reach - Full height	r6	344 mm	14 in
Hood Height	h40	1405 mm	55 in
Overall Operating Height - Fully Raised	h27	3310 mm	130 in
Articulation angle	a19	45 °	45 °
Maximum oscillation angle		10 °	10 °
Overall length with bucket	l16	4279 mm	168 in
Overall width less bucket	b1	1100 mm	43 in
Overall length - Less Bucket	l2	3583 mm	141 in
Rear overhang	c6	1120 mm	44 in
Dump angle - Fully raised	a5	39 °	39 °
Dump Height - Fully Raised	h29	2126 mm	84 in
Maximum Rollback Angle - Fully Raised	a4	50 °	50 °
Maximum Rollback Angle at Ground	a13	49 °	49 °
Digging Position	h32	-79 mm	-3 in
Ground clearance	m4	320 mm	13 in
Clearance Radius - Front with Bucket	b18	3246 mm	128 in
Clearance Radius - Less bucket	b14	2767 mm	109 in
Ground Plane to Bucket Edge Height	h42	2655 mm	105 in
Tread width (wheel center)	b29	836 mm	33 in
Attachment Pivot Clearance		103 mm	4 in
Height from ground to axle center	m8	214 mm	8 in
Bucket Width	e1	1520 mm	60 in
Front Wheel Center to Pivot Pin	m3	669 mm	26 in
Height to Hinge Pin - Fully Raised	h28	2520 mm	99 in
Engine			
Engine brand		Perkins	Perkins
Engine model		403J-E17T	403J-E17T
Engine norm		Stage V	Stage V
Number of cylinders		3	3
I.C. Engine power rating / Power		48 Hp / 36 kW	48 Hp / 36 kW
Max. torque / Engine rotation		166 Nm / 1600 rpm	122 ft/lbs / 1600 rpm
Engine cooling system		Water	Water
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
Service brake		Inching Brake	Inching Brake
Hydraulics			
Hydraulic pump type		Gear pump	Gear pump
Hydraulic flow - Pressure		60 l/min / 207 bar	16 US gpm / 3002 PSI
High-Flow Option (l/min)		60 l/min	16 US gpm
Tank capacities			
Hydraulic oil		48 l	13 US gal
Fuel tank		35 l	9 US gal

MLA 4-50 H-C - Dimensional drawing





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