Technical sheet:

MLA 4-50 H





Capacities Static tipping load with bucket (straight) Static tipping load with bucket (full turn) Static tipping load with forks (straight) Static tipping load with forks (straight) Static tipping load with forks (full turn) Max. height of bucket privot point Weight and dimensions Unladen weight (with forks) with 4-post canopy Wheelbase Overall lab width Dural lab width Dump reach - Full height hud Overall height with 4 posts canopy has Dump reach - Full height hud Overall Operating Height - Fully Raised Articulation angle Maximum oscillation angle Overall length with bucket Diging length - Less Bucket Dump angle - Fully raised Dump angle - Fully raised Maximum Rollback Angle - Fully Raised At Diging Position has Clearance Radius - Front with Bucket bit Clearance Radius - Font with Bucket Desart of Less Bucket bit Clearance Radius - Less bucket in the Common of the Clearance Radius - Less bucket in	Metric 1540 kg 1355 kg 1175 kg 1030 kg 2836 mm 2316 kg 1650 mm 991 mm 2258 mm 479 mm 1405 mm 3636 mm 45° 11° 4279 mm 1100 mm 3583 mm
Static tipping load with forks (straight) Static tipping load with forks (straight) Static tipping load with forks (full turn) Wax. height of bucket pivot point Weight and dimensions Unladen weight (with forks) with 4-post canopy Wheelbase Voverall eaght with 4 posts canopy Noverall height with 4 posts canopy Doward leight with 4 posts canopy Moverall height - Fully Raised Moverall height - Fully Raised Moximum oscillation angle Overall length with bucket Overall length with bucket Dowardl length - Less Bucket Dump angle - Fully raised Moximum Rollback Ang	1355 kg 1175 kg 1030 kg 2836 mm 2316 kg 1650 mm 991 mm 2258 mm 479 mm 1405 mm 3636 mm 45 ° 11 ° 4279 mm
Static tipping load with forks (full turn) Max. height of bucket pivot point h35 Weight and dimensions Unlaiden weight (with forks) with 4-post canopy Wheelbase y Overall cab width b4 Overall height with 4 posts canopy h38 Dump reach - Full height (h19 hashed) h40 Overall logerating Height - Fully Raised h16 Overall length vith 4 posts canopy h27 Articulation angle a19 Maximum oscillation angle 116 Overall length with bucket b1 Overall length - Less Bucket b1 Overall length - Fully Raised h16 Overall length - Less Bucket h16 Overall length - Fully Raised h16 Overall length - Fully Raised h16 Overall Raised h18	1175 kg 1030 kg 2836 mm 2316 kg 1650 mm 991 mm 2258 mm 479 mm 1405 mm 3636 mm 45 ° 11 ° 4279 mm 1100 mm
Static tipping load with forks (full turn) Max. height of bucket pivot point Weight and dimensions Unladen weight (with forks) with 4-post canopy Wheelbase Overall cab width Overall height with 4 posts canopy has Dump reach - Full height Hood Height Overall Operating Height - Fully Raised Articulation angle Overall length with bucket Overall length with bucket Doverall length - Less Bucket Rear overhang Cof Dump angle - Fully raised Aat Dump Height - Fully Raised Aat Digging Position Angle - Fully Raised Aat Digging Position Aat Clearance Radius - Front with Bucket b18 Clearance Radius - Less bucket b18 Clearance Radius - Less bucket	1175 kg 1030 kg 2836 mm 2316 kg 1650 mm 991 mm 2258 mm 479 mm 1405 mm 3636 mm 45 ° 11 ° 4279 mm 1100 mm
Static tipping load with forks (full tum) Max. height of bucket pivot point Welght and dimensions Unladen weight (with forks) with 4-post canopy Wheelbase y Overall cab width Overall height with 4 posts canopy h38 Dump reach - Full height Hood Height Overall Operating Height - Fully Raised Articulation angle Maximum oscillation angle Overall length with bucket Overall length bettet Overall length - Less Bucket Dump angle - Fully raised As Dump Height - Fully Raised Digging Position Ground clearance m4 Clearance Radius - Front with Bucket b18 Clearance Radius - Less bucket b18 Clearance Radius - Less bucket	1030 kg 2836 mm 2316 kg 1650 mm 991 mm 2258 mm 479 mm 1405 mm 3636 mm 45 ° 11 ° 4279 mm 1100 mm
Max. height of bucket pivot point h35 Weight and dimensions Image: Common of the pivot point provided provid	2836 mm 2316 kg 1650 mm 991 mm 2258 mm 479 mm 1405 mm 3636 mm 45 ° 11 ° 4279 mm
Weight and dimensions Unladen weight (with forks) with 4-post canopy Wheelbase y Overall cab width b4 Overall height with 4 posts canopy h38 Dump reach - Full height r6 Hood Height h40 Overall Operating Height - Fully Raised h27 Articulation angle a19 Maximum oscillation angle l16 Overall length with bucket b1 Overall length - Less Bucket b1 Overall length - Less Bucket c6 Dump angle - Fully raised a5 Dump Height - Fully Raised h29 Maximum Rollback Angle - Fully Raised a4 Digging Position h32 Ground clearance m4 Clearance Radius - Front with Bucket b18 Clearance Radius - Less bucket b18	2316 kg 1650 mm 991 mm 2258 mm 479 mm 1405 mm 3636 mm 45 ° 11 ° 4279 mm
Unladen weight (with forks) with 4-post canopy Wheelbase Overall cab width Overall height with 4 posts canopy has Dump reach - Full height Overall Operating Height - Fully Raised Articulation angle Overall length with bucket Overall length with bucket Overall length with bucket Overall length - Less Bucket Dump angle - Fully raised Assource Radius - Fully Raised Overall length - Less Bucket Dump angle - Fully raised Assource Radius - Fully Raised Overall length - Less Bucket Digging Position Base of Conund clearance Maximum Rollback Angle - Fully Raised Digging Position Base of Conund clearance Maximum Rollback - Funt with Bucket Digarance Radius - Front with Bucket Digarance Radius - Less bucket	1650 mm 991 mm 2258 mm 479 mm 1405 mm 3636 mm 45 ° 11 ° 4279 mm
Wheelbase y Overall cab width b4 Overall height with 4 posts canopy h38 Dump reach - Full height r6 Hood Height h40 Overall Operating Height - Fully Raised h27 Articulation angle a19 Maximum oscillation angle I16 Overall length with bucket b1 Overall length vith bucket b1 Overall length - Less Bucket b1 Rear overlang c6 Dump angle - Fully raised a5 Dump Height - Fully Raised h29 Maximum Rollback Angle - Fully Raised a4 Digging Position h32 Ground clearance m4 Clearance Radius - Front with Bucket b18 Clearance Radius - Less bucket b14	1650 mm 991 mm 2258 mm 479 mm 1405 mm 3636 mm 45 ° 11 ° 4279 mm
Overall cab width b4 Overall height with 4 posts canopy h38 Dump reach - Full height r6 Hood Height h40 Overall Operating Height - Fully Raised h27 Articulation angle a19 Maximum oscillation angle I16 Overall length with bucket b1 Overall length vith less bucket b1 Overall length - Less Bucket 12 Rear overhang c6 Dump angle - Fully raised a5 Dump Height - Fully Raised h29 Maximum Rollback Angle - Fully Raised a4 Digging Position h32 Ground clearance m4 Clearance Radius - Front with Bucket b18 Clearance Radius - Less bucket b14	991 mm 2258 mm 479 mm 1405 mm 3636 mm 45 ° 11 ° 4279 mm
Overall height with 4 posts canopy h38 Dump reach - Full height r6 Hood Height h40 Overall Operating Height - Fully Raised h27 Articulation angle a19 Maximum oscillation angle I16 Overall length with bucket I16 Overall length - Less Bucket b1 Overall length - Less Bucket I2 Rear overhang c6 Dump angle - Fully raised a5 Dump Height - Fully Raised h29 Maximum Rollback Angle - Fully Raised a4 Digging Position h32 Ground clearance m4 Clearance Radius - Front with Bucket b18 Clearance Radius - Less bucket b14	479 mm 1405 mm 3636 mm 45 ° 11 ° 4279 mm 1100 mm
Dump reach - Full height r6 Hood Height h40 Overall Operating Height - Fully Raised h27 Articulation angle a19 Maximum oscillation angle I16 Overall length with bucket b1 Overall length - Less Bucket b1 Overall length - Fully raised c6 Dump angle - Fully raised a5 Dump Height - Fully Raised h29 Maximum Rollback Angle - Fully Raised a4 Digging Position h32 Ground clearance m4 Clearance Radius - Front with Bucket b18 Clearance Radius - Less bucket b14	1405 mm 3636 mm 45 ° 11 ° 4279 mm 1100 mm
Hood Height h40 Overall Operating Height - Fully Raised h27 Articulation angle a19 Maximum oscillation angle I16 Overall length with bucket b1 Overall width less bucket b1 Overall length - Less Bucket l2 Rear overhang c6 Dump angle - Fully raised a5 Dump Height - Fully Raised h29 Maximum Rollback Angle - Fully Raised a4 Digging Position h32 Ground clearance m4 Clearance Radius - Front with Bucket b18 Clearance Radius - Less bucket b14	3636 mm 45 ° 11 ° 4279 mm 1100 mm
Overall Operating Height - Fully Raised h27 Articulation angle a19 Maximum oscillation angle I16 Overall length with bucket b1 Overall length - Less Bucket b1 Overall length - Less Bucket l2 Rear overhang c6 Dump angle - Fully raised a5 Dump Height - Fully Raised h29 Maximum Rollback Angle - Fully Raised a4 Digging Position h32 Ground clearance m4 Clearance Radius - Front with Bucket b18 Clearance Radius - Less bucket b14	45° 11° 4279 mm 1100 mm
Articulation angle a19 Maximum oscillation angle 116 Overall length with bucket 116 Overall length - Less Bucket b1 Overall length - Less Bucket 12 Rear overhang c6 Dump angle - Fully raised a5 Dump Height - Fully Raised h29 Maximum Rollback Angle - Fully Raised a4 Digging Position h32 Ground clearance m4 Clearance Radius - Front with Bucket b18 Clearance Radius - Less bucket b14	45° 11° 4279 mm 1100 mm
Maximum oscillation angle 116 Overall length with bucket 116 Overall width less bucket b1 Overall length - Less Bucket 12 Rear overhang c6 Dump angle - Fully raised a5 Dump Height - Fully Raised h29 Maximum Rollback Angle - Fully Raised a4 Digging Position h32 Ground clearance m4 Clearance Radius - Front with Bucket b18 Clearance Radius - Less bucket b14	11 ° 4279 mm 1100 mm
Overall length with bucket 116 Overall width less bucket b1 Overall length - Less Bucket 12 Rear overhang c6 Dump angle - Fully raised a5 Dump Height - Fully Raised h29 Maximum Rollback Angle - Fully Raised a4 Digging Position h32 Ground clearance m4 Clearance Radius - Front with Bucket b18 Clearance Radius - Less bucket b14	4279 mm 1100 mm
Overall width less bucket b1 Overall length - Less Bucket 12 Rear overhang c6 Dump angle - Fully raised a5 Dump Height - Fully Raised h29 Maximum Rollback Angle - Fully Raised a4 Digging Position h32 Ground clearance m4 Clearance Radius - Front with Bucket b18 Clearance Radius - Less bucket b14	1100 mm
Overall length - Less Bucket 12 Rear overhang c6 Dump angle - Fully raised a5 Dump Height - Fully Raised h29 Maximum Rollback Angle - Fully Raised a4 Digging Position h32 Ground clearance m4 Clearance Radius - Front with Bucket b18 Clearance Radius - Less bucket b14	
Rear overhang c6 Dump angle - Fully raised a5 Dump Height - Fully Raised h29 Maximum Rollback Angle - Fully Raised a4 Digging Position h32 Ground clearance m4 Clearance Radius - Front with Bucket b18 Clearance Radius - Less bucket b14	0000 111111
Dump angle - Fully raised a5 Dump Height - Fully Raised h29 Maximum Rollback Angle - Fully Raised a4 Digging Position h32 Ground clearance m4 Clearance Radius - Front with Bucket b18 Clearance Radius - Less bucket b14	1120 mm
Dump Height - Fully Raised h29 Maximum Rollback Angle - Fully Raised a4 Digging Position h32 Ground clearance m4 Clearance Radius - Front with Bucket b18 Clearance Radius - Less bucket b14	42 °
Maximum Rollback Angle - Fully Raised a4 Digging Position h32 Ground clearance m4 Clearance Radius - Front with Bucket b18 Clearance Radius - Less bucket b14	2126 mm
Digging Positionh32Ground clearancem4Clearance Radius - Front with Bucketb18Clearance Radius - Less bucketb14	48 °
Ground clearance m4 Clearance Radius - Front with Bucket b18 Clearance Radius - Less bucket b14	-79 mm
Clearance Radius - Front with Bucket b18 Clearance Radius - Less bucket b14	320 mm
Clearance Radius - Less bucket b14	3246 mm
	2767 mm
	2655 mm
Ground Plane to Bucket Edge Height h42 Tread width (wheel center) b29	
	836 mm 103 mm
Attachment Pivot Clearance	
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	D. I.:
Engine brand	Perkins
Engine model	403J-E17T
Engine nom	Stage V
Number of cylinders	3
I.C. Engine power rating / Power	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
Selvice plake	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 (I/min)	60 l/min
Tank capacities	
Hydraulic oil	48 I
Fuel tank	45 I

MLA 4-50 H - Dimensional drawing







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