

AL420

ARTICULATED LOADERS



Key Features

- ✓ 4-Post Open Canopy ROPS and FOPS Certified
- ✓ Front Auxiliary Hydraulics with Flat-Faced Couplers
- ✓ Inching Pedal
- ✓ Digital Display with Audible and Visual Indicators
- ✓ Automotive Style Hydrostatic Drive, 2-Speed
- ✓ Deluxe, Tilttable Steering Column
- ✓ Multi-Function Joystick

SPECIFICATIONS

		METRIC
Capacities	Static tipping load with bucket (straight)	1765 kg
	Static tipping load with bucket (full turn)	1550 kg
	Static tipping load with forks (straight)	1310 kg
	Static tipping load with forks (full turn)	1150 kg
	Max. height of bucket pivot point	2.48 m
Weight and dimensions	Unladen weight (with forks) with 4-post canopy	2246 kg
	Wheelbase	1.65 m
	Overall cab width	0.99 m
	Overall height with 4 posts canopy	2.25 m
	Dump reach - Full height	344 mm
	Hood Height	1.40 m
	Overall Operating Height - Fully Raised	3.31 m
	Articulation angle	45 °
	Maximum oscillation angle	11 °
	Overall length with bucket	4.27 m
	Overall width less bucket	1.10 m
	Overall length - Less Bucket	3.58 m
	Rear overhang	1.12 mm
	Dump angle - Fully raised	39 °
	Dump Height - Fully Raised	2126 mm
	Maximum Rollback Angle - Fully Raised	50 °
	Digging Position	-79 mm
	Ground clearance	320 mm
	Clearance Radius - Front with Bucket	3.24 m
	Clearance Radius - Less bucket	2.77 m
	Ground Plane to Bucket Edge Height	2.65 m
	Tread width (wheel center)	836 mm
	Attachment Pivot Clearance	103 mm
	Height from ground to axle center	214 mm
	Bucket Width	1.52 m
	Front Wheel Center to Pivot Pin	0.66 m
	Height to Hinge Pin - Fully Raised	2.52 m
Engine	Engine brand	Perkins
	Engine model	403J-17T
	Engine norm	Stage V
	Number of cylinders	3
	I.C. Engine power rating / Power	48.90 Hp / 36 kW
	Max. torque / Engine rotation	160 Nm / 1600 rpm
Transmission	Engine cooling system	Water
	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
	Travel speed (laden)	20 km/h
	Parking brake	Mechanical hand-operated parking brake
	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
	Drive hydraulic system pressure	207 bar
Tank capacities	Hydraulic oil	48 l
	Fuel tank	35 l



STANDARD FEATURES

- Counterweight
- Inching Pedal
- Instrument Panel - Deluxe
- Hydrostatic Drive - Servo
- Tilttable, Deluxe Steering Column
- Adjustable 2-inch Seat Belt
- Lockable Engine Cover and Fuel Cap
- Horn
- Combination Radiator & Hydraulic Oil Cooler
- Adjustable Seat 5-Way
- Additional Set of Front Auxiliary Hydraulics
- Battery Disconnect

OPTIONAL FEATURES

- led front road lights
- Differential Lock
- LED Work Lights
- Cabin with Heat
- Air suspension seat
- Cabin with Heat and Air Conditioning

Manitou Group reminds users to read and understand the operator's manual before operating any equipment. Also, make sure all safety devices and shields are in place and functioning properly. Manitou Group reserves the right to add improvements or make changes in specifications at any time without notice or obligation.



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GEHL COMPACT EQUIPMENT