

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 |
| 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 |
| | 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