

# AL430

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
- ✓ Perkins Turbo Charged Diesel Engine
- ✓ Deluxe, Tilttable Steering Column
- ✓ Multi-Function Joystick

SPECIFICATIONS

		IMPERIAL	METRIC
Capacities	Static tipping load with bucket (straight)	3395 lb	1540 kg
	Static tipping load with bucket (full turn)	2987 lb	1355 kg
	Static tipping load with forks (straight)	2590 lb	1175 kg
	Static tipping load with forks (full turn)	2271 lb	1030 kg
	Max. height of bucket pivot point	9 ft 4 in	2.83 m
Weight and dimensions	Unladen weight (with forks) with 4-post canopy	5106 lb	2316 kg
	Wheelbase	5 ft 5 in	1.65 m
	Overall cab width	3 ft 3 in	0.99 m
	Overall height with 4 posts canopy	7 ft 5 in	2.25 m
	Dump reach - Full height	19 in	479 mm
	Hood Height	4 ft 7 in	1.40 m
	Overall Operating Height - Fully Raised	11 ft 11 in	3.63 m
	Articulation angle	45 °	45 °
	Maximum oscillation angle	11 °	11 °
	Overall length with bucket	14 ft	4.27 m
	Overall width less bucket	3 ft 7 in	1.10 m
	Overall length - Less Bucket	11 ft 9 in	3.58 m
	Rear overhang	3 ft 8 in	1.12 m
	Dump angle - Fully raised	42 °	42 °
	Dump Height - Fully Raised	7 ft	2.12 m
	Maximum Rollback Angle - Fully Raised	48 °	48 °
	Digging Position	-3 in	-79 mm
	Ground clearance	13 in	320 mm
	Clearance Radius - Front with Bucket	10 ft 8 in	3.24 m
	Clearance Radius - Less bucket	0.11 in	2.77 mm
	Ground Plane to Bucket Edge Height	8 ft 9 in	2.65 m
	Tread width (wheel center)	33 in	836 mm
Engine	Attachment Pivot Clearance	4 in	103 mm
	Height from ground to axle center	8 in	214 mm
	Bucket Width	5 ft	1.52 m
	Front Wheel Center to Pivot Pin	2 ft 2 in	0.66 m
	Height to Hinge Pin - Fully Raised	9 ft 6 in	2.90 m
	Engine brand	Perkins	Perkins
	Engine model	403J-17T	403J-17T
Transmission	Engine norm	Stage V	Stage V
	Number of cylinders	3	3
	I.C. Engine power rating / Power	48.90 Hp / 36 kW	48.90 Hp / 36 kW
	Max. torque / Engine rotation	118 ft/lbs / 1600 rpm	160 Nm / 1600 rpm
	Engine cooling system	Water	Water
	Transmission type	Hydrostatic	Hydrostatic
	Number of gears (forward / reverse)	2 / 2	2 / 2
Hydraulics	Max. travel speed (may vary according to applicable regulations)	12 mph	20 km/h
	Max. travel speed (in option) (may vary according to applicable regulations)	19 mph	30 km/h
	Travel speed (laden)	12 mph	20 km/h
	Parking brake	Mechanical hand-operated parking brake	Mechanical hand-operated parking brake
	Service brake	Hydraulic drum brake on front axle, acting on all 4 wheels	Hydraulic drum brake on front axle, acting on all 4 wheels
	Hydraulic pump type	Gear pump	Gear pump
	Hydraulic flow - Pressure	16 US gpm / 3002 PSI	60 l/min / 207 bar
Tank capacities	Drive hydraulic system pressure	3002 PSI	207 bar
	Hydraulic oil	13 US gal	48 l
	Fuel tank	13 US gal	50 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
- 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