

AL550

ARTICULATED LOADERS



Key Features

- ✓ 4-Post Open Canopy ROPS and FOPS Certified
- ✓ Proportional Auxiliary Hydraulics with Case Drain* and Circuit Pressure Dump
- ✓ Inching Pedal
- ✓ Digital Display with Audible and Visual Indicators
- ✓ Differential Lock (Hydraulically Activated Front and Rear)
- ✓ Power-A-Tach® Attachment Mounting System (4-Point, Skid Steer and EuroStyle)
- ✓ Lift Arm with Z-Bar Kinematics Return to Dig and Mechanical Self-Level
- ✓ Lift Arm Float Detent
- ✓ Hydraglide™ Ride Control*
- ✓ High-Flow Auxiliary Hydraulics*

*Optional Features

Key Specifications

- ✓ 4,830 lbs (2190 kg) Static Tipping Load with Bucket Straight
- ✓ 60 hp (44.7 kW) gross power @ 2300 rpm
- ✓ 91.06" (2.31 m) height to top of ROPS
- ✓ 124.45" (3.16 m) height to hinge pin fully raised
- ✓ 126.18" (3.21 m) outer turning radius

SPECIFICATIONS

		IMPERIAL	METRIC
Capacities	Static tipping load with bucket (straight)	4828 lb	2190 kg
	Static tipping load with bucket (full turn)	3732 lb	1693 kg
	Static tipping load with forks (straight)	3411 lb	1547 kg
	Static tipping load with forks (full turn)	2654 lb	1204 kg
	Max. height of bucket pivot point	10 ft 4 in	3.16 m
	Max. lifting height (below forks)	10 ft 4 in	3.16 m
	Breakout force with bucket	4329.46 daN	4329.46 daN
	Static tipping load with bucket - Straight with cab	4828 lb	2190 kg
	Static tipping load with bucket - Full turn with cab	3732 lb	1693 kg
	Static tipping load with pallet forks - Straight with cab	3411 lb	1547 kg
Weight and dimensions	Unladen weight (with forks) with 4-post canopy	7470 lb	3388.30 kg
	Wheelbase	5 ft 9 in	1.74 m
	Overall width of 4 posts canopy	4 ft	1.23 m
	Overall cab width	4 ft	1.22 m
	Overall height with 4 posts canopy	7 ft 7 in	2.31 m
	Overall height with cab	7 ft 7 in	2.31 m
	Overall Operating Height - Fully Raised	147 in	3735 mm
	Tilt-up angle	39.90 °	39.90 °
	Tilt-down angle	44.70 °	44.70 °
	Articulation angle	45 °	45 °
	Overall width less bucket	4 ft 10 in	1.47 m
	Overall length - Less Bucket	13 ft 3 in	4.04 m
	Dump Height - Fully Raised	96 in	2439 mm
	Ground clearance	10 in	0.25 m
	Ground Plane to Bucket Edge Height	247 ft 2 in	75336.40 mm
	Height to Hinge Pin - Fully Raised	124 in	3161 mm
Engine	Engine brand	Deutz	Deutz
	Engine model	TD 2.2 L3	TD 2.2 L3
	Engine norm	Stage V / Tier 4 Final	Stage V / Tier 4 Final
	Number of cylinders / Capacity of cylinders	3 - 21 in³	3 - 337.82 cm³
	I.C. Engine power rating / Power	60 Hp / 45.50 kW	60 Hp / 45.50 kW
	Max. torque / Engine rotation	148 ft/lbs / 2400 rpm	200 Nm / 2400 rpm
	Engine cooling system	2 radiators water + hydraulic oil	2 radiators water + hydraulic oil
Transmission	Transmission type	Hydrostatic	Hydrostatic
	Number of gears (forward / reverse)	2 / 2	2 / 2
	Max. travel speed (may vary according to applicable regulations)	18 mph	28.32 km/h
	Differential lock	Front and rear locking of the machine	Front and rear locking of the machine
	Parking brake	Manual	Manual
	Service brake	Hydraulic drum brake on front axle, acting on all 4 wheels	Hydraulic drum brake on front axle, acting on all 4 wheels
Hydraulics	Hydraulic pump type	Gear pump	Gear pump
	Hydraulic flow - Pressure	15 US gpm / 3046 PSI	58.30 l/min / 210 bar
	High-Flow Option (l/min)	19 US gpm	72.30 l/min
	Drive hydraulic system pressure	6092 PSI	420 bar
Tank capacities	Hydraulic oil	12 US gal	45 l
	Fuel tank	22 US gal	82.50 l
Miscellaneous	Cab certification	ROPS - FOPS cab (level 1)	ROPS - FOPS cab (level 1)



STANDARD FEATURES

- Z-Bar Loader Linkage w/ Limited Self-Leveling
- Inching Pedal
- Lift Tilt Electronic Lockout Switch
- Adjustable and telescopic steering column
- Proportional Auxiliary Hydraulics w/ Case Drain & Circuit Pressure Dump
- Removable Rubber Floormat
- Tilt & Lift Arm Float Detent with Detent Disable
- Two-Speed Hydrostatic Drive System
- Power-A-Tach® Attachment Mounting System
- Reverse and Brake Tail Lights
- Differential Lock
- Articulation Locking Bar
- Front and Rear - Work Lights
- Canopy
- 12Volt Power Port
- Horn
- Adjustable Seat 5-Way
- Cup Holder

OPTIONAL FEATURES

- Adaptive air suspension cloth-covered seat with heating and electric lumbar adjustment
- Back-Up Alarm
- Rotating Beacon
- Lockable Storage Box
- Speed control
- 12Volt Power Port
- Rear Auxiliary Hydraulics
- LED Work Lights
- Cabin with Heat
- Hydraglide™ Ride Control
- Strobe Light
- Additional Set of Front Auxiliary Hydraulics

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