

AL650

ARTICULATED LOADERS



Key Features

- ✓ 4-Post 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

- ✓ 6,409 lbs (2907 kg) Static Tipping Load with Bucket Straight
- ✓ 65 hp (48.5 kW) gross power @ 1560 rpm
- ✓ 8' 1" (2.47 m) height to top of ROPS
- ✓ 10' 3" (3.13 m) maximum lifting height (below forks)
- ✓ 10' 10" (3.31 m) outer turning radius

SPECIFICATIONS

IMPERIAL			
Capacities	Static tipping load with bucket (straight)	6744 lb	
	Static tipping load with bucket (full turn)	4916 lb	
	Static tipping load with forks (straight)	5302 lb	
	Max. height of bucket pivot point	10 ft 11 in	
	Max. lifting height (below forks)	10 ft 3 in	
	Breakout force with bucket	5743 daN	
Weight and dimensions	Unladen weight (with forks) with 4-post canopy	9149 lb	
	Wheelbase	79 in	
	Overall width of 4 posts canopy	4 ft 6 in	
	Overall cab width	4 ft 6 in	
	Overall height with 4 posts canopy	8 ft 1 in	
	Overall height with cab	8 ft 1 in	
	Tilt-up angle	45 °	
	Tilt-down angle	45 °	
	Articulation angle	45 °	
	Overall width less bucket	5 ft 5 in	
	Overall length - Less Bucket	14 ft	
	Ground clearance	1 ft 3 in	
	Engine	Engine brand	Yanmar
		Engine model	4TNV98CT
Engine norm		Tier 4 final	
Number of cylinders / Capacity of cylinders		4 - 201 in ³	
I.C. Engine power rating / Power		64.40 Hp / 48 kW	
Max. torque / Engine rotation		207 ft/lbs / 2300 rpm	
Engine cooling system		2 radiators water + hydraulic oil	
Transmission	Transmission type	Hydrostatic	
	Number of gears (forward / reverse)	2 / 2	
	Max. travel speed (may vary according to applicable regulations)	19 mph	
	Travel speed (laden)	19 mph	
	Differential lock	Front and rear locking of the machine	
	Parking brake	Manual	
	Service brake	Hydraulic drum brake on front axle, acting on all 4 wheels	
Hydraulics	Hydraulic pump type	Gear pump	
	Hydraulic flow - Pressure	18 US gpm / 2901 PSI	
	High-Flow Option (l/min)	26 US gpm	
	Drive hydraulic system pressure	6092 PSI	
Tank capacities	Hydraulic oil	19 US gal	
	Fuel tank	25 US gal	
Noise and vibration	Vibration on hands/arms	< 2.50 m/s ²	
Miscellaneous	Safety cab homologation	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
- LED work lights on the boom (x2)

OPTIONAL FEATURES

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

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