

# ALT950

## ARTICULATED LOADERS



### Key Features

- ✓ CVT Transmission
- ✓ Multi-Function Joystick
- ✓ Improved Visibility
- ✓ 2D Articulation
- ✓ Rear Axle Oscillation
- ✓ Spacious Cabin
- ✓ Air-Conditioned Cab\*
- ✓ 143hp Deutz Engine
- ✓ 158 L/min. Hydraulic Flow
- ✓ Hydraulic Locking System Attachment Mount
- ✓ Continuous Flow
- ✓ ECO Mode

\*Optional Features

### Key Specifications

- ✓ 10,974 lbs (4978 kg) Static Tipping Load with Forks Straight
- ✓ 143 hp (105 kW) Gross Power @ 2300 rpm
- ✓ 8' 10" (2.7 m) Height to Top of ROPS
- ✓ 17' 0" (5.2 m) Maximum Lifting Height (below forks)
- ✓ 13' 9" (4.2 m) Outer Turning Radius

SPECIFICATIONS

		IMPERIAL	METRIC
Capacities	Static tipping load with forks (straight)	10975 lb	4978 kg
	Static tipping load with forks (full turn)	9143 lb	4147 kg
	Max. payload with forks as per EN 474-3 (80%)	7275 lb	3300 kg
	Max. lifting height (below forks)	17 ft 1 in	5.20 m
	Maximum outreach	10 ft 10 in	3.30 m
	Reach at max. height	3 ft 11 in	1.20 m
	Breakout force with bucket	6730 daN	6730 daN
Weight and dimensions	Static tipping load with pallet forks - Straight with cab	10975 lb	4978 kg
	Unladen weight (with forks)	18717 lb	8490 kg
	Overall length to carriage (with hitch)	18 ft 9 in	5.72 m
	Wheelbase	8 ft 2 in	2.50 m
	Overall height with cab	8 ft 10 in	2.70 m
	Tilt-up angle	9 °	9 °
	Tilt-down angle	156 °	156 °
	Articulation angle	44 °	44 °
	Overall width less bucket	7 ft 6 in	2.29 m
	Overall length - Less Bucket	18 ft 9 in	5.72 m
Performances	Standard tires	Alliance - A580 - 460/70 R24 159A8	Alliance - A580 - 460/70 R24 159A8
	Ground clearance	1 ft 3 in	0.39 m
	Crowd	3.50 s	3.50 s
Engine	Dump	2.70 s	2.70 s
	Engine brand	Deutz	Deutz
	Engine model	TCD 4.1 L4	TCD 4.1 L4
	Engine norm	Stage V	Stage V
	Number of cylinders / Capacity of cylinders	4 - 246 in³	4 - 4038 cm³
	I.C. Engine power rating / Power	143 Hp / 105 kW	143 Hp / 105 kW
	Max. torque / Engine rotation	406 ft/lbs / 2300 rpm	550 Nm / 2300 rpm
Transmission	Engine cooling system	3 radiators water + intercooler + hydraulic oil	3 radiators water + intercooler + hydraulic oil
	Transmission type	M-Varioshift	M-Varioshift
	Max. travel speed (may vary according to applicable regulations)	25 mph	40 km/h
	Travel speed (laden)	25 mph	40 km/h
	Differential lock	Limited slip differential on front and rear axles	Limited slip differential on front and rear axles
	Parking brake	Manual	Manual
	Service brake	Oil-immersed multi-discs braking on front & rear axles	Oil-immersed multi-discs braking on front & rear axles
Hydraulics	Hydraulic pump type	Variable displacement pump	Variable displacement pump
	Hydraulic flow - Pressure	42 US gpm / 3916 PSI	158 l/min / 270 bar
Tank capacities	Hydraulic oil	40 US gal	150 l
	Fuel tank	40 US gal	150 l
	Diesel Exhaust fluid (AdBlue® type)	3 US gal	10 l
Noise and vibration	Noise at driving position (LpA) tested following NF-EN 12053 norm	72 dB	72 dB
	Noise to environment (LwA)	107 dB	107 dB
	Vibration on hands/arms	< 2.52 m/s²	< 2.52 m/s²
Miscellaneous	Cab certification	Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2



STANDARD FEATURES

- Telescopic Lift Arm with Z-Bar Bucket Linkage & Mechanical Self-Level
- Inching Pedal
- Limited slip differential
- Lift Tilt Electronic Lockout Switch
- Proportional Auxiliary Hydraulics w/ Case Drain & Circuit Pressure Dump
- Removable Rubber Floormat
- Steering Column with Tilt & Extension Adjustments
- Rotating Beacon
- Articulation Locking Bar
- Speed control
- 12Volt Power Port
- ECO Mode
- Horn
- Additional storage boxes
- Cabin with Heat
- Oscillating front axle
- Continuous flow hydraulics
- Side View Mirrors
- Electronic Hand Throttle
- Adjustable arm rests
- Radio

OPTIONAL FEATURES

- Regenerative Hydraulics
- Back-Up Alarm
- Engine Block Heater
- Rear Auxiliary Hydraulics
- LED Work Lights
- Auto reversing fan
- Hydraulic pick-up hitch
- Seven Way Adjustable Air Suspension Seat
- Bluetooth car radio

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