

V420

COMPACT LOADERS



Key Features

- ✓ Low Effort Joystick Controls
- ✓ Air Suspension Seat
- ✓ Cab Enclosure with Heat and Air Conditioning
- ✓ High-Flow Auxiliary Hydraulics
- ✓ 2 Travel Speeds
- ✓ Power-A-Tach® Quick Coupler
- ✓ Selectable Self Level
- ✓ Load Sensing Hydraulic System

Key Specifications

- ✓ Operating capacity (50%) - 4,200 lbs. (1905 kg)
- ✓ Overall height to top of ROPS - 82" (2083 mm)
- ✓ 120.7 hp (90 kW) @ 2200 rpm Deutz engine
- ✓ Deutz / TCD 3.6 EPA Tier IV
- ✓ 354 ft.-lbs. (480 Nm) @ 1600 maximum torque
- ✓ 9,040 lbf. (40.2 kn) breakout force
- ✓ 143.8" (3653 mm) height to hinge pin
- ✓ 81" (2057 mm) overall machine width
- ✓ 11,665 lbs. (5291 kg) operating weight

SPECIFICATIONS

		IMPERIAL	METRIC
Capacities	Rated Operating Capacity	4200 lb	1905 kg
	Unladen weight	11665 lb	5291 kg
Weight and dimensions	Wheelbase	54 in	1384 mm
	Overall Operating Height - Fully Raised	187 in	4744 mm
	Height to Hinge Pin - Fully Raised	144 in	3653 mm
	Overall Height to top of ROPS	82 in	2083 mm
	Dump angle at full height	31 °	31 °
	Dump height	115 in	2921 mm
	Overall length with bucket	159 in	4039 mm
	Dump reach - Full height	38 in	965 mm
	Rollback at ground	30 °	30 °
	Overall width less bucket	81 in	2057 mm
	Bucket Width	84 in	2134 mm
	Ground clearance	8 in	197 mm
	Overall length - Less Bucket	123 in	3124 mm
	Clearance Radius - Front with Bucket	98 in	2484 mm
	Rear departure angle	18 °	18 °
Performances	Travel Speed with Two-Speed Option - Maximum	12 mph	18.70 km/h
Wheels	Standard tires	14.00 x 17.5 HD	14.00 x 17.5 HD
Engine	Engine brand	Deutz	Deutz
	Engine model	TCD 3.6	TCD 3.6
	Engine norm	Stage IV, Tier 4 final	Stage IV, Tier 4 final
	Gross Power	90 kW	90 kW
	Max. torque / Engine rotation	354 ft/lbs / 2200 rpm	480 Nm / 2200 rpm
	Power source	Diesel	Diesel
	Battery voltage	12 V	12 V
Hydraulics	Standard flow - Auxiliary hydraulics	30 US gpm	114 l/min
	High-Flow Auxiliary Hydraulics - Option	41 US gpm	155 l/min
Tank capacities	Fuel tank	38 US gal	144 l
	Hydraulic tank capacity	16 US gal	59.80 l
	Displacement	0.95 US gal	3.60 l
Noise and vibration	Noise to environment (LwA)	82.90 dB	82.90 dB
	Whole-Body Vibration (ISO 2631-1)	1.09 m/s²	1.09 m/s²
	Vibration on hands/arms	< 1.15 m/s²	< 1.15 m/s²



STANDARD FEATURES

- Anti-Vandalism Protection
- Electronic Attachment Control - 14-Pin Connector
- Integral Access Plate
- Adjustable Armrest
- Selectable Self-Leveling Hydraulic Lift Action 4
- Sound Reduction Material
- Power-A-Tach® Attachment Mounting System
- Hydrostatic Drive - Servo
- Hydraloc™ Safety System
- Back-Up Alarm
- Two-Speed Drive
- ROPS/FOPS Level II Overhead Guard
- Engine Block Heater
- Horn
- Engine Auto-Shutdown System
- Enclosed Cab with Heat and A/C
- Hydraglide™ Ride Control
- Glowplugs Starter Assist
- Bluetooth car radio
- Air Ride Suspension Seat
- High-Flow Auxiliary Hydraulics
- Foot and Hand Throttles (Dual Joystick and T-bar)
- Pilot Joystick Controls
- Lift Arm Support Device
- Operator Restraint Bar
- Work Lights - Front and Rear

OPTIONAL FEATURES

- Rearview Camera
- Rotating Beacon
- 3-inch Seatbelt
- Easy Manager

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