

# VT320

TRACK LOADER



## KEY FEATURES

- ✓ IdealTrax™ - Automatic Track Tensioning System
- ✓ Low Effort Joystick Pilot Controls
- ✓ Air Suspension Seat\*
- ✓ Cab Enclosure with Heat and Air Conditioning\*
- ✓ High Flow Auxiliary Hydraulics\*
- ✓ 2 Travel Speeds
- ✓ Power-A-Tach® Quick Coupler\*
- ✓ Lift Arm Float Mode and Hydraglide™ Ride Control

\*Optional Equipment

## KEY SPECIFICATIONS

- ✓ Operating capacity (35%) – 1452 kg (3,200 lbs.)
- ✓ Overall height to top of ROPS – 2111 mm (83.1")
- ✓ Gross Power 85 kW (114 hp) @ 2300 rpm
- ✓ Deutz / TD 3.6 EPA / Final Tier IV / Stage 3B
- ✓ 460 Nm (339.3 ft.-lbs.) @ 1600 rpm max torque
- ✓ 4492 kg (9,901 lbs.) bucket breakout force
- ✓ 3302 mm (130") height to hinge pin
- ✓ 5352 kg (11,800 lbs.) operating weight



# VT320 TRACK LOADER

## SPECIFICATIONS

	IMPERIAL	METRIC	
DIMENSIONS	Overall Operating Height - Fully Raised	169.2"	4298 mm
	Height to Hinge Pin - Fully Raised	130"	3302 mm
	Dump Reach - Fully Raised	40.4"	1026 mm
	Dump Angle - Fully Raised	41°	
	Dump Height - Fully Raised	99.6"	2530 mm
	Rollback Angle - Full Height	90.3°	
	Overall Height to Top of ROPS	83.1"	2111 mm
	Overall Length with Bucket & Std. c-wt.	159.8"	4059 mm
	Overall Length without Bucket & Std. c-wt.	127.7"	3243 mm
	Specified Height	76.3"	1938 mm
	Reach at Specified Height	29.6"	751 mm
	Maximum Rollback at Specified Height	68°	
	Maximum Rollback Angle at Ground	31°	
	Carry Position	7.8"	199 mm
	Maximum Rollback Angle at Carry Position	31°	
	Digging Position – Above Ground	+7.4"	+ 19 mm
	Angle of Departure with Std. c-wt.	23.5°	
	Ground Clearance to Chassis	12.2"	309 mm
	Track Gauge	51.7"	1313 mm
	Crawler Base	61.8"	1570 mm
Overall Width - Less Bucket	69.5"	1766 mm	
Bucket Width	83.9"	2131 mm	
Clearance Radius – Front with Bucket	98"	2489 mm	
Clearance Radius – Rear w/ Std. c-wt.	73.6"	1870 mm	
Angle of Approach	90°		
Grouser Height	1.0"	25.4 mm	
CAPACITY	Operating Capacity at 35% Tipping Load	3,200 lbs.	1452 kg
	Operating Capacity at 50% Tipping Load	4,571 lbs.	2074 kg
	Tipping Load	9,143 lbs.	4148 kg
	Operating Weight	11,800 lbs.	5352 kg
ENGINE	Make/Model	Deutz / TD 3.6 EPA Final Tier IV	
	Type	4-Stroke Turbo	
	Displacement / cylinders	221 cu. in. / 4	3.6 L / 4
	Gross Power @ 2300 rpm	114 hp	85 kW
	Net Power @ 2300 rpm	108 hp	80.8 kW
	Peak Torque @ 1600 rpm	339 ft-lbs	430 Nm
	Alternator Voltage	14 V / 120A	
TRACK DRIVES	Drawbar Pull / Tractive Effort	12,770 lbs.	5792 kg
	Track Type / Roller Type	Rubber / Steel	
	Track Width	17.7"	450 mm
	Ground Pressure	5.6 psi	0.36 bar
FORCES	Bucket Breakout – Tilt Cylinder	9,901 lbs.	4492 kg
	Bucket Breakout – Lift Cylinder	7,491 lbs.	3398 kg
	Ground Speed – Single Speed	5.3 mph	8.6 km/h
	Ground Speed – Two Speed	7.8 mph	12.6 km/h
VOLUME	Fuel Tank	32 gal.	121.1 L
	Hydraulic Reservoir Tank	9.93 gal.	37.6 L
	Coolant Capacity	5.1 gal.	19.3 L
HYDRAULICS	Auxiliary Hydraulic Flow Rated Speed @ 2300 rpm	29.07 gpm	110 L/min
	High-Flow Hydraulic Flow – Rated Speed	37.7 gpm	142.7 L/min
	Transmission Pump Type	Axial Piston	
	Motor Type	Axial Piston with planetary gear box reduction	
BATTERY	Battery Volts	12 V	
	Cold Cranking Amps at @ 0° F (-18° C)	1600 CCA	
SOUND & VIBRATION	Sound Power (Environmental)	105.2 dB(A)	
	Operator Ear	78.9 dB(A) (±2.5)	
	Hand Arm Vibration*	1.65 M/S <sup>2</sup> (±0.26K)	
	Whole Body Vibration*	1.7 M/S <sup>2</sup> (±0.06K)	

\* Vibration levels shown using standard mechanical suspension seat.



## STANDARD FEATURES

- Deluxe High-Back Cushion Seat - Mechanical Suspension
- IdealTrax™ - Automatic Track Tensioning System
- All-Tach™ Attachment System (Universal Style)
- Two-speed drive system
- Horn and Back-Up Alarm
- Cab Interior Light
- Foot Well Tilts Forward for Maintenance / Service Access
- Hand and Foot Throttle
- Central Sealed Fuse Location - Easily Accessible in Rear of Machine
- Operator Restraint Bars w/ Adjustable Armrests
- Hydraglide™ Ride Control
- Hydraloc™ Safety System
- Battery Disconnect
- Mechanical Lift Cylinder Lock
- Self-Leveling Hydraulic Lift Action
- Engine Auto Alert System with Error Display
- Engine Glow Plug Starter Assist - Automatic / Manual
- Information Center with Multi-Function Color Display
- Lift Arm Float Feature
- Proportionally Controlled Auxiliary Hydraulics
- Work Lights - Front and Rear
- ROPS/FOPS Level II Overhead Guard
- Lockable Manual Compartment
- Controls (Seat Mounted)
- Pilot Controlled Hydrostatic Drive
- Cup Holders
- Parking / Emergency Brake
- Vandalism Lock Provisions
- Rear Counterweight / Bumper



## OPTIONAL FEATURES

- 14-Pin Electrical Attachment Harness and Handle
- IdealAccess™ - Folding Cab Door
- Power-A-Tach™ Attachment System (Universal-Style)
- Swing-out Door
- Impact Resistant Door
- High-Flow Auxiliary Hydraulics
- Counterweight / Side Mounted Suitcase
- Cab with Heat & Air Conditioning
- Radio AM-FM-WB
- Air Ride Suspension Seat
- Rear View Camera
- Sound Reduction Material
- Rear-view Mirrors
- 3" Seatbelt
- Sliding Side Windows
- Strobe Light
- Easy Manager Telematics



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GEHL COMPACT EQUIPMENT

Gehl reserves the right to add improvements or make changes in features and specifications at any time without notice or obligation.

Gehl 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.