

# VT320

## COMPACT LOADERS



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

## SPECIFICATIONS

|                                      |   | IMPERIAL                                       |
|--------------------------------------|---|--|
| Capacities                           | Operating Weight                          | 11799 lb                                       |
|                                      | Operating Capacity at 35% Tipping Load    | 3201 lb  |
|                                      | Operating Capacity At 50% Tipping Load    | 4572 lb  |
|                                      | Tipping capacity                          | 9145 lb  |
| Weight and dimensions                | Overall Operating Height - Fully Raised   | 169 in   |
|                                      | Height to Hinge Pin - Fully Raised        | 130 in   |
|                                      | Reach - Fully Raised                      | 40 in  |
|                                      | Dump angle at full height                 | 41 °   |
|                                      | Dump Height - Fully Raised                | 100 in   |
|                                      | Maximum Rollback Angle - Fully Raised     | 90.30 °  |
|                                      | Overall Height to top of ROPS             | 83 in  |
|                                      | Overall length with bucket                | 160 in   |
|                                      | Overall Length without Bucket             | 128 in   |
|                                      | Specified Height                          | 76 in  |
|                                      | Reach at Specified Height                 | 30 in  |
|                                      | Carry Position                            | 8 in   |
|                                      | Maximum Rollback Angle at Carry Position  | 31 °   |
|                                      | Digging Position                          | 0.75 in  |
|                                      | Angle of Departure with STD Counterweight | 23.50 °  |
|                                      | Ground clearance                          | 12 in  |
|                                      | Track gauge                               | 52 in  |
|                                      | Track Shoe Width                          | 18 in  |
|                                      | Crawler base                              | 62 in  |
|                                      | Overall width less bucket                 | 70 in  |
| Bucket Width                         | 84 in                                     |  |
| Clearance Radius - Front with Bucket | 98 in                                     |  |
| Track Type / Roller Type             | Rubber / Steel                            |  |
| Performances                         | Ground Speed - Single Speed               | 5 mph  |
|                                      | Drawbar Pull/Ttractive Effort             | 12769 lb                                       |
|                                      | Bucket Breakout - Tilt Cylinder           | 9903 lb  |
|                                      | Bucket Breakout - Lift Cylinder           | 7491 lb  |
| Engine                               | Engine brand                              | Deutz  |
|                                      | Engine model                              | TD 3.6 EPA                                     |
|                                      | Motor Type                                | Axial Piston with planetary gear box reduction |
|                                      | Gross Power / Power                       | 85 kW @ 2300 rpm                               |
|                                      | I.C. Engine power rating                  | 114 Hp   |
|                                      | Battery voltage                           | 12 V   |
|                                      | Cold Cranking Amps at Temperature (CCA)   | 1600 A   |
|                                      | Alternator - Voltage / Ampere             | 14 V / 120 A                                   |
| Hydraulics                           | Standard flow - Auxiliary hydraulics      | 29 US gpm                                      |
|                                      | High-Flow Auxiliary Hydraulics - Option   | 38 US gpm                                      |
| Tank capacities                      | Hydraulic tank capacity                   | 10 US gal                                      |
|                                      | Fuel tank                                 | 32 US gal                                      |
|                                      | Displacement / Number of cylinders        | 0.95 US gal / 4                                |



## STANDARD FEATURES

- Hour meter
- Anti-Vandalism Protection
- Auxiliary Hydraulics
- Swing-Out Cooler
- Hydraloc™ Safety System
- Lift Arm Support Device
- Back-Up Alarm
- ROPS/FOPS Level II Overhead Guard
- Horn
- Hand/Foot Controls
- High-Back Adjustable Seat
- All-Tach® Attachment Mounting System
- Operator Restraint Bar

## OPTIONAL FEATURES

- Counterweight
- T-Bar Controls
- Power-A-Tach® Attachment Mounting System
- Suspension Seat - Mechanical
- Selectable Self-Leveling Hydraulic Lift Action
- Cab Enclosure
- Back-Up Alarm
- Two-Speed Drive
- Heating in cab
- Engine Block Heater
- Suspension Seat - Air Ride
- Hydraglide™ Ride Control
- High-Flow Auxiliary Hydraulics
- Foot and Hand Throttles (Dual Joystick and T-bar)
- Air Conditioning
- Pilot Joystick Controls

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