

# RT185

TRACK LOADER

# GEHL®



PILOT  
SERIES

## KEY FEATURES

- ✓ IdealTrax™ - Automatic Track Tensioning System
- ✓ 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\*
- ✓ Lift Arm Float Mode and Hydraglide™ Ride Control

## KEY SPECIFICATIONS

- ✓ Operating capacity (35%) – 839 kg (1,850 lbs.)
- ✓ Overall height to top of ROPS – 2103 mm (83")
- ✓ 51.7 kW (69.3 hp) @ 2500 rpm
- ✓ Yanmar / 4TNV98CT-XNMSV / Stage V
- ✓ 241 Nm (178 ft.-lbs.) @ 1625 rpm max torque
- ✓ 24.29 kn (5354 lbf.) tilt breakout force
- ✓ 3251 mm (128") height to hinge pin
- ✓ 1636 mm (64.4") machine width - less bucket
- ✓ 4128 kg (9,160 lbs.) operating weight

# RT185 TRACK LOADER

## SPECIFICATIONS

|                               | IMPERIAL   | METRIC   |             |  |
|-------------------------------|--|--|-------------|--|
| DIMENSIONS                    | Overall Operating Height - Fully Raised            | 168"   | 4267 mm     |  |
|                               | Height to Hinge Pin - Fully Raised                 | 128"   | 3251 mm     |  |
|                               | Dump Reach at Full Height                          | 34.5"  | 876 mm      |  |
|                               | Dump Angle at Full Height                          | 40.2°  |             |  |
|                               | Dump Height  | 98"  | 2489 mm     |  |
|                               | Rollback Angle at Full Height                      | 102.5°   |             |  |
|                               | Overall Height to Top of ROPS                      | 83"  | 2103 mm     |  |
|                               | Overall Length with Bucket & Std. c-wt.            | 148"   | 3754 mm     |  |
|                               | Overall Length without Bucket & Std. c-wt.         | 114.8"   | 2921 mm     |  |
|                               | Specified Height                                   | 67.5"  | 1715 mm     |  |
|                               | Reach at Specified Height                          | 31.1"  | 790 mm      |  |
|                               | Dump Angle at Specified Height                     | 66.8°  |             |  |
|                               | Maximum Rollback Angle at Ground                   | 30°  |             |  |
|                               | Carry Position                                     | 8.2"   | 208 mm      |  |
|                               | Maximum Rollback Angle at Carry Position           | 31.6°  |             |  |
|                               | Digging Position – Above Ground                    | +9"  | + 23 mm     |  |
|                               | Angle of Departure with Std. c-wt.                 | 30.4°  |             |  |
|                               | Ground Clearance to Chassis                        | 12.5"  | 318 mm      |  |
|                               | Track Gauge  | 51.7"  | 1313 mm     |  |
|                               | Crawler Base                                       | 54.8"  | 1392 mm     |  |
|                               | Overall Width - Less Bucket                        | 64.4"  | 1636 mm     |  |
|                               | Bucket Width                                       | 65.9"  | 1674 mm     |  |
|                               | Clearance Radius – Front with Bucket               | 91.4"  | 2322 mm     |  |
|                               | Clearance Radius – Rear w/ Std. c-wt.              | 65.6"  | 1666 mm     |  |
|                               | Maximum Rollback at Specified Height               | 66.8°  |             |  |
|                               | Angle of Approach                                  | 90°  |             |  |
|                               | Grouser Height                                     | 1.0"   | 25 mm       |  |
| CAPACITY                      | Operating Capacity at 35% Tipping Load             | 1,850 lbs.                                     | 839 kg      |  |
|                               | Operating Capacity at 50% Tipping Load             | 2,643 lbs.                                     | 1199 kg     |  |
|                               | Tipping Load                                       | 5,286 lbs.                                     | 2398 kg     |  |
|                               | Operating Weight                                   | 9,160 lbs.                                     | 4128 kg     |  |
| ENGINE                        | Make/Model   | Yanmar / 4TNV98CT-XNMSV Stage V                |             |  |
|                               | Type   | 4-Stroke Naturally Aspirated                   |             |  |
|                               | Displacement / cylinders                           | 203 cu. in. / 4                                | 3.319 / 4   |  |
|                               | Gross Power @ 2500 rpm                             | 69.3 hp  | 51.7 kW     |  |
|                               | Net Power @ 2500 rpm                               | 68.4 hp  | 51 kW       |  |
|                               | Peak Torque @ 1625 rpm                             | 178 ft-lbs                                     | 241 Nm      |  |
| Alternator Voltage / Amperage | 14 V / 100 A                                       |  |             |  |
| TRACK DRIVES                  | Drawbar Pull / Tractive Effort                     | 10,218 lbs.                                    | 4635 kg     |  |
|                               | Track Type / Track Rollers / Roller Type           | Rubber / 4 / Steel                             |             |  |
|                               | Track Width  | 12.6"  | 320 mm      |  |
|                               | Ground Pressure                                    | 6.3 psi  | 0.43 bar    |  |
| FORCES                        | Bucket Breakout – Tilt Cylinder                    | 5,354 lbs.                                     | 2429 kg     |  |
|                               | Bucket Breakout – Lift Cylinder                    | 5,016 lbs.                                     | 2275 kg     |  |
|                               | Ground Speed – Single Speed                        | 5.9 mph  | 9.5 km/h    |  |
|                               | Ground Speed – Two Speed                           | 8.8 mph  | 14.2 km/h   |  |
|                               | Fuel Tank  | 24 gal.  | 91 L        |  |
| VOLUME                        | Hydraulic Reservoir Tank                           | 11 gal.  | 41.6 L      |  |
|                               | Coolant Capacity                                   | 3.5 gal.                                       | 13.3 L      |  |
| HYDRAULICS                    | Auxiliary Hydraulic Flow<br>Rated Speed @ 2500 rpm | 18.5 gpm                                       | 70 L/min    |  |
|                               | High-Flow Hydraulic Flow – Rated Speed             | 34 gpm   | 128.8 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)              | 850 CCA  |             |  |
| SOUND & VIBRATION             | Sound Power  | 103.0 dB(A)                                    |             |  |
|                               | Operator Ear                                       | 82.0 dB(A)                                     |             |  |
|                               | Hand/Arm Vibration                                 | ≤ 2.73 m/s <sup>2</sup> (±0.37k)               |             |  |
|                               | Whole Body Vibration                               | ≤ 0.98 m/s <sup>2</sup> (±0.37k)               |             |  |



## STANDARD FEATURES

- Deluxe High-Back Cushion Seat - Mechanical Suspension
- IdealTrax™ - Automatic Track Tensioning System
- All-Tach™ Attachment System (Universal-Style)
- Two-speed drive system
- Open Canopy ROPS with Rear and Top Windows
- Horn and Back-Up Alarm
- Cab Interior Light
- Tilt-Out Foot Well for Maintenance / Service Access
- Foot and Hand throttle
- Centralized Fuse and Power Distribution Location
- Operator Restraint Bars w/ Adjustable Armrests
- Hydraglide™ Ride Control
- Hydraloc™ Safety System
- Battery Disconnect
- Engine Auto Alert System with Error Display
- Engine Glow Plug Starter Assist - Automatic / Manual
- Information Center with Multi-Function Color Display
- Mechanical Lift Cylinder Lock
- Lift Arm Float Feature
- Proportionally Controlled Auxiliary Hydraulics
- Self-Leveling Hydraulic Lift Action
- Work Lights - Front and Rear
- ROPS/FOPS Level II Overhead Guard
- Lockable Manual Compartment
- Maintenance free rollers
- Adjustable Joystick Controls - Pilot
- Hydrostatic Drive - Pilot
- Standard Internal Counterweight
- Cell Phone and Cup Holders
- Parking / Emergency Brake
- Vandalism Lock Provisions

## OPTIONAL FEATURES

- 14-Pin Electrical Attachment Harness and Handle
- IdealAccess™ - Folding Cab Door
- Swing-out Glass Door
- Impact Resistant Door
- Selectable Self-Leveling
- High-Flow Auxiliary Hydraulics
- Power-A-Tach® Attachment Mounting System
- Rear Counterweight / Bumper
- Block Heater
- 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



geh.com

One Gehl Way, West Bend, WI 53095  
Phone: (262) 334-9461



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.