

# RT165

TRACK LOADER

# GEHL®



## KEY FEATURES

- ✓ Multiple Track Widths and Tread Patterns
- ✓ Control Choices: T-bar, Pilot Joystick and Hand/Foot
- ✓ IdealTrax™ Automatic Track Tensioning
- ✓ High-Flow Auxiliary Hydraulics Available
- ✓ Swing-out Cooler

## KEY SPECIFICATIONS

- ✓ 748 kg (1,650 lbs.) Rated Operating Capacity (35%)
- ✓ 51.7 kW (69.3 hp) Yanmar Engine  
4TNV98C-NMS2V / Stage V
- ✓ 3038 mm (119.6") Height to Hinge Pin
- ✓ 1676 mm (66") Overall Machine Width
- ✓ 1969 mm (77.5") Overall Height

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# RT165 TRACK LOADER

## SPECIFICATIONS

		IMPERIAL	METRIC
DIMENSIONS	Overall Operating Height - Fully Raised	157.8"	4008 mm
	Height to Hinge Pin - Fully Raised	119.6"	3038 mm
	Dump Reach at Full Height	25.3"	641 mm
	Dump Angle at Full Height	39°	
	Dump Height - Fully Raised	91.7"	2329 mm
	Rollback Angle at Full Height	98°	
	Overall Height to Top of ROPS	77.5"	1969 mm
	Overall Length with Bucket (w/o Counterweight)	126.2"	3205 mm
	Overall Length without Bucket (w/o Counterweight)	94.2"	2393 mm
	Specified Height	64.5"	1638 mm
	Reach at Specified Height	22"	559 mm
	Dump Angle at Specified Height	73°	
	Maximum Rollback Angle at Ground	28°	
	Carry Position	7.8"	198 mm
	Maximum Rollback Angle at Carry Position	28°	
	Digging Position - Above Ground	+2.1"	53 mm
	Angle of Departure (w/o Counterweight)	28°	
	Ground Clearance to Chassis	7.3"	185 mm
	Crawler Base	49.8"	1265 mm
	Overall Width - Less Bucket - Narrow / Wide	66" / 68"	1676 / 1727 mm
	Bucket Width	66"	1676 mm
	Clearance Radius - Front with Bucket	77.9"	1979 mm
	Clearance Radius - Front without Bucket	48.7"	1237 mm
	Clearance Radius - Rear (w/o Counterweight)	56.7"	1440 mm
	Maximum Rollback at Specified Height	62°	
CAPACITY	Operating Capacity at 35% Tipping Load	1,650 lbs.	748 kg
	Operating Capacity at 50% Tipping Load	2,357 lbs.	1069 kg
	Tipping Load	4,715 lbs.	2139 kg
	Operating Weight	8,020 lbs.	3638 kg
ENGINE	Make/Model	Yanmar/4TNV98C-NMS2V Stage V	
	Type	4-Stroke Naturally Aspirated	
	Displacement/Cylinders	202.5 cu.in. / 4	3.3L / 4
	Gross Power @ 2500 rpm	69.3 hp	51.7 kW
	Net Power @ 2500 rpm	68.4 hp	51.0 kW
	Oil Pump Capacity	9.5 qts.	9L
TRACK DRIVES	Alternator Voltage / Amperage	112V / 100A	
	Drawbar Pull/Tractive Effort	9,578 lbs.	4,345 kg
	Track Type / Track Rollers / Roller Type	Rubber/4/Steel	
	Track Gauge - Narrow / Wide	53.4" / 55.4"	1356 / 1407 mm
	Track Width - Narrow / Wide	12.6" / 15.75"	320 / 400 mm
FORCES	Ground Pressure - Narrow / Wide	6.5 / 5.2 psi	.45 / .36 bar
	Bucket Breakout - Tilt Cylinder	4,230 lbs.	1,919 kg
	Bucket Breakout - Lift Cylinder	5,060 lbs.	2295 kg
	Ground Speed - Single Speed	6.5 mph	10.5 km/h
	Ground Speed - Two Speed	10.0 mph	16.1 km/hr
VOLUME	Fuel Tank	16.5 gal.	62.5 L
	Hydraulic Reservoir Tank	10.3 gal.	39 L
	Coolant Capacity	3.4 gal.	12.9 L
HYDRAULICS	Auxiliary Hydraulic Flow - Rated Speed	18.7 gpm	71 L/min
	High-Flow Hydraulic Flow - Rated Speed	32.1 gpm	121 L/min
	Hydrostatic Pump Transmission: Hydrostatic pumps with integral charge pumps - Direct drive off engine flywheel		
BATTERY	Motor Type	Radial Piston	
	Battery Volts	12 V	
	Cold Cranking Amps at @ 0° F	950 CCA	-18° C
SOUND & VIBRATION	Sound Power (Environmental)	101.4 dB(A)	
	Hand Arm Vibration - T-Bar Control*	2.8 M/S2 / 1.4M/S2	
	Hand Arm Vibration - Hand/Foot Control*	2.2 M/S2 / 1.1 M/S2	
	Hand Arm Vibration - Joystick Control*	1.7 M/S2 / .85 M/S2	
	Whole Body Vibration**	1.1 M/S2 / .55 M/S2	
	Operator Ear - Full Cab	82 dB(A)	

\* Vibration levels shown using standard non-suspension seat.  
 \*\* Vibration levels shown using mechanical suspension seat



## STANDARD FEATURES

- All-Tach® Attachment Mounting System
- Anti-Vandalism Protection
- Auxiliary Hydraulics
- Brake Control (Auto / Manual)
- Color Display with Full Instrumentation
- Engine Auto-Shutdown System
- High-Back Adjustable Seats
- Foot and Hand Throttles
- Horn
- Hydraloc™ Safety System
- Hydrostatic Drive - Servo
- Integral Access Plate (removable)
- Lift Arm Support Device
- Operator Restraint Bar
- ROPS/FOPS Level II Overhead Guard
- Sound Reduction Material
- Swing-Out Cooler
- Two Speed Drive
- Work Lights - Front and Rear



## OPTIONAL FEATURES

- Air Conditioning
- Back-Up Alarm
- Cab Enclosure
- Controls: Gehl T-Bar, Hand/Foot, Pilot Operated Joystick
- Counterweight
- Engine Block Heater
- Heating
- High-Flow Auxiliary Hydraulics
- Hydraglide™ Ride Control
- Power-A-Tach® Attachment Mounting System
- Selectable Self-Leveling Hydraulic Lift Action
- Suspension Seat - Air Ride
- Suspension Seat - Mechanical
- Two-Speed Drive

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.

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GEHL COMPACT EQUIPMENT



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