

Table of Contents

<u>New CTL55</u>	<u>1</u>
<u>Engine</u>	<u>2</u>
<u>Hydraulics</u>	<u>3</u>
<u>Operator's Station</u>	<u>4</u>
<u>Controls</u>	<u>5</u>
<u>Maintenance</u>	<u>6</u>
<u>CTL55 Specifications</u>	<u>7</u>
<u>CTL55 Competitive Comparison</u>	<u>8</u>
<u>CTL65/CTL75/CTL85</u>	<u>10</u>
<u>Performance</u>	<u>11</u>
<u>Engine</u>	<u>12</u>
<u>Hydraulics</u>	<u>13</u>
<u>Operator's Station</u>	<u>14</u>
<u>Controls</u>	<u>15</u>
<u>Maintenance</u>	<u>16</u>
<u>CTL65 Specifications</u>	<u>17</u>
<u>CTL75 Specifications</u>	<u>18</u>
<u>CTL85 Specifications</u>	<u>19</u>

GEHL COMPACT TRACK LOADERS

CTL55 - CTL65 - CTL75 - CTL85

new



GEHL.

NEW CTL55



A perfect complement to our diverse compact track loader line-up, the CTL55 packs all the features Gehl customers have come to expect into a smaller-sized track loader.

- Machine width measures 58 inches (1473 mm) (without bucket) making it ideal for operation in even the most confined spaces
- Spacious and comfortable operator's compartment allows for fatigue-free operation and high productivity
- Pilot-operated joystick controls provide precise finger-tip control of loader and travel functions
- Heavy-duty undercarriage structure for working in muddy or loose ground conditions
- Rubber tracks provide excellent traction and flotation
- Hydrostatic drive system is directly coupled to the engine for optimum efficiency, and double-reduction planetary final drives power the rubber tracks for an efficient and durable power transfer system
- The ROPS/FOPS operators station has tilt-back capability that provides easy access to the engine and hydraulic system

ENGINE



The commanding turbocharged diesel engine on the CTL55 provides the extra power needed to complete even the most demanding jobs.

- Yanmar 51 hp Tier III EPA-certified turbocharged diesel meets stringent emissions standards
- 4-cylinder, liquid-cooled high performance engine in a compact package
- Economical fuel-efficiency (est. 2.0 gal per hour aver. load) with over 15 gal. fuel tank allows for full day operation without re-fueling
- **An engine alert system helps protect the engine from damage due to high coolant temperature, low coolant level and low oil pressure**
- Instrument Panel – Multi-Readout - Continuous monitoring of various engine functions
- Low and high range travel speeds – Power speed / transport speed
- Dual-element air cleaner keeps the engine clean and running smoothly in dusty and debris-filled environments
- Easy engine access with upper engine cover/rear door access and radiator that opens for more engine access

HYDRAULICS

CTL55 Compact Track Loader



The CTL55 provides exceptional hydraulic power for dependable digging, especially in tough, challenging conditions.

- Auxiliary hydraulics system with standard flat-faced auxiliary couplers and automatic pressure-relief system (same coupler size as other Gehl compact track and skid loaders)
- Push-button controls of proportional auxiliary hydraulics
- Hydraulic self-leveling lift action keeps loads balanced whenever the lift arm is raised
- SAHR (spring-applied, hydraulic release) multi-disc wet brakes respond quickly, holding the loader on any grade

OPERATOR'S STATION



Comfort is the key to productivity. The CTL55 Compact Track Loader is no stranger to this fact.

- Adjustable suspension seat with retractable seat belt and restraint bar with built-in arm rests provide additional safety and comfort
- Two cab-mounted rear-view mirrors for all-around visibility on the job-site
- Rear and top windows keep debris from entering the cab, provide quieter operating conditions and enhance operator visibility
- Front and rear halogen work lights make working into the late hours as simple as pressing a button
- CTL55 Cab model which includes: cab enclosure with air-conditioning/heating system for additional comfort. Enclosure includes swing-out front door with wiper/washer system and sliding side windows

CONTROLS

The CTL55 features ergonomic controls for smooth, precise operation, making multi-tasking a breeze.

- Pilot-operated joystick controls make operation smoother and lifting and tilting functions more precise
- Control handles include electro-hydraulic push-button controls for boom float and auxiliary hydraulics with detent
- New foot throttle adds to versatility



MAINTENANCE

CTL55 Compact Track Loader



Like all Gehl Compact Track Loaders, the CTL55 features fewer moving parts, which means fewer problems.

- Radiator and hydraulic oil cooler swings out for excellent rear engine access
- Simple grease-type track adjusters makes track adjustments a snap
- Heavy-duty, 11.8-inch-wide rubber tracks for extended life and optimum traction
- Tilt-back ROPS/FOPS structure quickly reveals internal components
- Lift arm support device for safety whenever arm is in a raised position for maintenance or servicing
- Dual-element air filter system with tip-up mounting for easy removal

SPECIFICATIONS

CTL55 Compact Track Loader

Engine

Make/Model	Yanmar 4TNV84T
Aspiration	Turbocharged
Displacement – cu. in.(L)/Cylinders	121.7 (2.0) / 4
Power – hp (kW) @ rpm	51.2 (38.2) @ 2800
Max. Torque – ft.-lbs. (Nm) @ rpm	123 (167) @ 1680

Performance

Tipping Capacity – ISO 14397 – lbs. (kg)	3558 (1779)
Rated Operating Load – ISO 14397 – lbs. (kg)	
@ 50% of tipping capacity	1779 (807)
@ 35% of tipping capacity	1246 (565)
Breakout Forces – lbf. (kN)	
Bucket	4821 (21.4)
Lift arm	5042 (22.4)

Electrical

Battery / CCA	12-volt / 600
Alternator – amp.	40

Undercarriage

Traction Pump / Traction Drive	Piston / Planetary
Traction braking	Hydraulic – SAHR
Drawbar pull – lbf. (kN)	6634 (29.5)
Roller type/Track rollers – each side	Steel / 3
Track width – in. (mm)	11.8 (300)
Track contact length – in. (mm)	48.9 (1242)
Ground pressure – psi (kg/cm ²)	4.7 (0.32)
Travel Speeds – mph (km/h)	
Low	0 - 4.0 (0 - 6.5)
High	0 - 5.8 (0 - 9.3)

Hydraulic System

Operating pressure – psi (bar)	2946 (206)
Auxiliary Hydraulic flow – std. – gpm (L/min)	15.1 (57.2)

Capacities

Fuel – gal. (L)	15.1 (57.9)
Hydraulic reservoir – gal. (L)	7.7 (29.1)
Engine oil – qts. (L)	7.8 (7.4)
Engine coolant – qts. (L)	11.6 (11)

Dimensions and Weight

Operating Weight – lbs. (kg)	6129 (2780)
Max. Lift Height to bucket pin – in. (mm)	114.4 (2906)
Dump Height – in.	89.5 (227)
Reach @ Maximum lift – in. (mm)	23.1 (587)
Dump angle – degrees	38.5
Bucket rollback @ ground level – degrees	30
Length – without bucket – in. (mm)	101.7 (2583)
Length – with bucket – in. (mm)	126.9 (3220)
Ground clearance – in. (mm)	9.8 (249)
Angle of departure – degrees	29
Height to top of ROPS – in. (mm)	77.6 (1971)
Width - without bucket – in. (mm)	57.9 (1471)
Overall width – with bucket – in. (mm)	61.5 (1562)
Rear Clearance Radius – in. (mm)	57.9 (1471)
Front Clearance Radius w/ bucket – in. (mm)	78.6 (1996)

COMPETITIVE COMPARISON

Rubber Track Loaders - Small Models

1,751 to 2,200 lbs. operating load @ 50% of tipping capacity

Make	Gehl	ASV Posi-Track	Bobcat	Caterpillar
Model	CTL 55	RC-60 & new PT - 60	T140 K-Series	247B Series 2
PERFORMANCE				
Rated operating load, @ 50% of tipping capacity	1,779	1,900	2,022	2,050
Rated operating load, @ 35% of tipping capacity	1,246	1,330	1,400	INA
Tipping load, standard (lbs)	3,558	3,800	4,044	4,100
Height to bucket pin (in)	114.4	115"	109.6	112
Dump height @ bucket discharge (in)	89.5	INA	82.8	84
Dump reach @ max height (in)	23.1	INA	25.6	25
Max dump angle @ full height (deg)	38.5	INA	40	40
Bucket breakout (lbf)	4,821	INA	INA	4,060
Bucket rollback at ground level (deg)	30	INA	25	INA
Arm lifting force (lbf)	5,042	INA	INA	3,127
ENGINE				
Engine make	Yanmar	Perkins	Kubota	Cat
Engine model	4TNV 84T	404C-22T	V2203-M-DI	3024C T
No of cylinders / displacement	4/121.7	4 / 134	4 / 134.1	4 / 134
Horsepower (hp)	51	60	49	62
Maximum gross torque (ft lb)	123.2	140	111	INA
Rated speed (rpm)	2800	2800	2800	INA

INA = Information Not Available

COMPETITIVE COMPARISON *cont.*

Rubber Track Loaders - Small Models

1,751 to 2,200 lbs. operating load @ 50% of tipping capacity

Make	Gehl	ASV Posi-Track	Bobcat	Caterpillar
Model	CTL 55	RC-60 & new PT - 60	T140 K-Series	247B Series 2
DRIVE TRAIN				
Max travel speed (mph)	4.0 / 5.8	8.0	7.3	7.6
Track width	11.8	15"	11.8"	15"
HYDRAULICS				
Standard pump flow (gpm)	15.1	17.4	16.9	15.6
Optional pump flow (gpm)	N/A	N/A	INA	INA
Hydraulic pressure (psi)	2988	3000	2700	3335
Self-leveling (yes / no)	Std.	Std	Opt	Opt
DIMENSIONS				
Bucket capacity (cu ft)	11.7	INA	INA	INA
Overall length w/bucket (in)	126.9	128"	124.1"	129"
Width over tracks (in)	57.9	60"	55"	66"
Reference bucket width (in)	61.5	INA	56"	INA
Height to top of ROPS (in)	77.6	77"	77.4"	78"
Ground clearance (in)	9.8	12"	8.6"	10"
Rear angle of departure (degrees)	30	INA	30	41
Fuel tank (gal)	15.3	15	15	17
Hydraulic tank/system (gal)	7.7	8/INA	INA/INA	9.2/15
Operating weight (lbs)	6,129	6,200	6,660	6,997

INA = Information Not Available

NEW CTL65 / CTL75 / CTL85



The 2008 Gehl Compact Track Loaders are bursting with power and ready take on any challenge that approaches. These versatile machines excel in almost any environment.

- New high-powered, Tier III EPA-certified emissions compliant engines meet stringent emissions standards while delivering exceptional performance
- Two high-flow option models (CTL75/CTL85)
- New standard foot throttle in all models increases the ability for operators to multi-task
- New control handle design with added switch controls places the operation of the machine at the operator's finger-tips
- Standard proportional auxiliary hydraulics replaces foot pedal auxiliary for increased productivity (prev. was on CTL70)
- Ground speeds up to 7.5 mph in high speed – Power speed/transport speed
- Float control function easily activated by a push-button does not require continuous button activation
- New lifting points added for overhead hoisting
- Optional factory or field installed Hydraulic Power All-Tach® System for quick and easy attachment changes



Gehl Compact Track Loaders have the unique ability to excel in soft, muddy, boggy conditions. With the wide contact area of the tracks, push power is extremely strong.

- Breakout forces up to 8,692 lbs. deliver unmatched digging power
- Servo-hydrostatic drive system is directly coupled with double reduction planetary final drives for a durable and efficient power transfer system
- SAHR (spring-applied, hydraulic release) multi-disc wet brakes respond quickly, holding the loader on any grade. Activated when restraint is up
- Rigid undercarriage provides better power to the ground for pushing and tractive power
- Dedicated undercarriage provides flotation and balanced traction for working in wet conditions
- Tracks made of high-strength rubber and roll on sealed rollers within the carriage for extended life



The power to meet any challenge comes standard in Gehl Compact Track Loaders. Plus, each model meets stringent emissions standards with Tier III technology.

- Yanmar 67 hp – CTL65
- Yanmar 83 hp Turbo – CTL75
- Kubota 92 HP Turbo – CTL85
- Tier III EPA-certified diesels meeting stringent emissions standards
- An engine alert system helps protect the engine from damage due to high coolant temperature, low coolant level and low oil pressure
- Instrument Panel – Multi-Readout - Continuous monitoring of various engine functions
- Low and high range travel speeds – Power speed / transport speed
- Dual-element air cleaner keeps the engine clean and running smoothly in dusty and debris-filled environments
- Easy engine access with upper engine cover/rear door access and radiator that opens for more engine access



Experience the exceptional hydraulic power on Gehl Compact Track Loaders with high bucket breakout force for tough digging conditions.

- New high-flow models available featuring additional hydraulic power – 36 gpm on CTL75, and now to 40.1 gpm on CTL85.
- Proportional auxiliary standard hydraulics – thumb button on left joystick
- Hydraulic self-leveling lift action keeps loads balanced whenever the lift arm is raised
- New optional Hydraulic Power All-Tach® system for fast and easy attachment changes (CTL65, CTL75, CTL85)



OPERATOR'S STATION



Gehl Compact Track Loaders go above and beyond when it comes to operator comfort and safety.

- Large ROPS/FOPS enclosure/operator's station provides more comfort, excellent visibility and superior safety
- Automatic brake and hydraulic lock system engages brakes and locks the lift arm functions when the operator restraint bar is raised or the ignition key is turned off
- Comfortable, high-back, six-way suspension seat with retractable seat belt
- Upper front and rear glass windows for sound reduction, added visibility and relief from dirt and moisture in the operator's compartment
- Convenient entry/exit hand-holds to ease into and out of the operator's compartment
- Dual interior rear-view cab mirrors and single exterior rear-door-mounted mirror for enhanced visibility
- Dual high-output, 55-watt halogen lights at the front and rear to improve operator visibility



By placing the operation elements of the machine at the finger tip, Gehl Compact Track Loaders make productivity a standard on jobsites.

- Joystick style “hands-only” controls for drive and lift/tilt functions and finger-tip push buttons for additional functions. Dual hand control pattern is optional
- New standard foot throttle in all models increases the ability for operators to multi-task
- New control design with added switch controls places the operation of the machine at the operator’s finger-tips
- Float control with detent function activated by a push-button without requiring continuous button activation

MAINTENANCE



The Gehl Compact Track Loaders' simple, straightforward design coupled with high-quality sealed components result in fewer mechanical problems and less down-time.

- Tilt-back ROPS/FOPS structure and easy-open engine cover and rear door quickly reveal internal components and provide access to engine oil dipstick, air cleaner and more
- Radiator and hydraulic oil cooler swings out for excellent rear engine access
- Simple grease-type track adjusters makes track adjustments a snap
- Lift arm support device for safety whenever arm is in a raised position for maintenance or servicing
- Dual-element air filter system with tip-up mounting for easy filter removal/re-installation

SPECIFICATIONS

CTL65 Compact Track Loader

Engine

Make/Model	Yanmar 4TNV98
Aspiration	Naturally Aspirated
Displacement – cu. in. (L) / Cylinders	202.5 (3.3) / 4
Power – hp (kW) @ rpm	67 (50) @ 2500
Max. Torque – ft.-lbs. (Nm) @ rpm	181 (244) @ 1600

Performance

Tipping Capacity – ISO 14397 – lbs. (kg)	4630 (2100)
Rated Operating Load – ISO 14397 – lbs. (kg)	
@ 50% of tipping capacity	2315 (1050)
@ 35% of tipping capacity	1620 (735)
Breakout Forces – lbf. (kN)	
Bucket	6724 (30)
Lift arm	6709 (29.8)

Electrical

Battery / CCA	12-volt / 600
Alternator – amp.	40

Undercarriage

Traction Pump / Traction Drive	Piston / Planetary
Traction braking	Hydraulic – SAHR
Drawbar pull – lbf. (kN)	9118 (40.5)
Roller type/Track rollers – each side	Steel / 4
Track width – in. (mm)	12.6 (320)
Track contact length – in. (mm)	55 (1389)
Ground pressure – psi (kg/cm ²)	4.86 (0.34)
Travel Speeds – mph (km/h)	
Low	0 - 4.5 (0 - 7.3)
High	0 - 6.8 (0 - 10.9)

Hydraulic System

Operating pressure – psi (bar)	2988 (206)
Auxiliary Hydraulic flow – std. – gpm (L/min)	18.4 (69.5)

Capacities

Fuel – gal. (L)	19.8 (75)
Hydraulic reservoir – gal. (L)	10.2 (38.6)
Engine oil – qts. (L)	10.8 (10.2)
Engine coolant – qts. (L)	17.4 (16.5)

Dimensions and Weight

Operating Weight – lbs. (kg)	8,014 (3635)
Max. Lift Height to bucket pin – in. (mm)	119.3 (3030)
Dump Height – in. (mm)	93.4 (2370)
Reach @ Maximum lift – in. (mm)	28.8 (730)
Dump angle – degrees	37
Bucket rollback @ground level – degrees	35
Length – without bucket – in. (mm)	109 (2756)
Length – with bucket – in. (mm)	140 (3543)
Ground clearance – in. (mm)	12.1 (310)
Angle of departure – degrees	26
Height to top of ROPS – in. (mm)	84 (2123)
Width – without bucket – in. (mm)	62.2 (1580)
Overall width – with bucket – in. (mm)	70 (1778)
Rear Clearance Radius – in. (mm)	61 (1549)
Front Clearance Radius w/ bucket – in. (mm)	93 (2362)

SPECIFICATIONS

CTL75 Compact Track Loader

Engine

Make/Model	Yanmar 4TNV98T
Aspiration	Turbocharged
Displacement – cu. in. (L) / Cylinders	202.5 (3.3) / 4
Power – hp (kW) @ rpm	83 (62) @ 2500
Max. Torque – ft.-lbs. (Nm) @ rpm	190 (258) @ 1800

Performance

Tipping Capacity – ISO 14397 – lbs. (kg)	5952 (2700)
Rated Operating Load – ISO 14397 – lbs. (kg)	
@ 50% of tipping capacity	2976 (1350)
@ 35% of tipping capacity	2083 (945)
Breakout Forces – lbf. (kN)	
Bucket	7401 (32.9)
Lift arm	7425 (33)

Electrical

Battery / CCA	12-volt / 660
Alternator – amp.	50

Undercarriage

Traction Pump / Traction Drive	Piston / Planetary
Traction braking	Hydraulic – SAHR
Drawbar pull – lbf. (kN)	11,067 (50)
Roller type/Track rollers – each side	Steel / 4
Track width – in. (mm)	18 (457)
Track contact length – in. (mm)	59 (1496)
Ground pressure – psi (kg/cm ²)	4.1 (0.28)
Travel Speeds– mph (km/h)	
Low	0 - 4.7 (0 - 7.6)
High	0 - 7.2 (0 - 11.6)

Hydraulic System

Operating pressure – psi (bar)	2988 (206)
Auxiliary Hydraulic Flow – std. – gpm (L/min)	19.8 (74.9)
High-Flow Option – gpm (L/min)	36.3 (137.5)

Capacities

Fuel – gal. (L)	23.8 (90.1)
Hydraulic Reservoir – gal. (L)	12.8 (48.5)
Engine oil – qts. (L)	10.8 (10.2)
Engine coolant – qts. (L)	17.4 (16.5)

Dimensions and Weight

Operating Weight – lbs. (kg)	9700 (4400)
Max. Lift Height to bucket pin – in. (mm)	122.9 (3120)
Dump Height – in. (mm)	94.8 (2405)
Reach @ Maximum lift – in. (mm)	34.4 (874)
Dump angle – degrees	38.5
Bucket rollback @ground level – degrees	31
Length – without bucket – in. (mm)	117.3 (2980)
Length – with bucket – in. (mm)	147.2 (3740)
Ground clearance – in. (mm)	12.8 (325)
Angle of departure – degrees	30
Height to top of ROPS – in. (mm)	85 (2167)
Width - without bucket – in. (mm)	70 (1770)
Overall width – with bucket – in. (mm)	74 (1880)
Rear Clearance Radius – in. (mm)	66 (1666)
Front Clearance Radius w/ bucket – in. (mm)	90 (2294)

SPECIFICATIONS

CTL85 Compact Track Loader

Engine

Make/Model	Kubota V-3800DI-T
Aspiration	Turbocharged
Displacement – cu. in. (L) / Cylinders	269 (4.4) / 4
Power – hp (kW) @ rpm	92 (68.3) @ 2200
Max. Torque – ft.-lbs. (Nm) @ rpm	291 (393) @ 1400

Performance

Tipping Capacity – ISO 14397 – lbs. (kg)	7056 (3200)
Rated Operating Load – ISO 14397 – lbs. (kg)	
@ 50% of tipping capacity	3528 (1600)
@ 35% of tipping capacity	2470 (1120)
Breakout Forces – lbf. (kN)	
Bucket	8669 (38.5)
Lift arm	8547 (38)

Electrical

Battery / CCA	12-volt / 800
Alternator – amp.	80

Undercarriage

Traction Pump / Traction Drive	Piston / Planetary
Traction braking	Hydraulic – SAHR
Drawbar pull – lbf. (kN)	13,766 (61.2)
Roller type/Track rollers – each side	Steel / 5
Track width – in. (mm)	18 (457)
Track contact length – in. (mm)	63 (1598)
Ground pressure – psi (kg/cm ²)	4.3 (0.30)
Travel Speeds – mph (km/h)	
Low	0 - 4.8 (0 - 7.8)
High	0 - 7.5 (0 - 12.0)

Hydraulic System

Operating pressure – psi (bar)	2988 (206)
Auxiliary Hydraulic Flow – std. – gpm (L/min)	23.4 (88.6)
High-Flow Option – gpm (L/min)	40.1 (151.7)

Capacities

Fuel – gal. (L)	28.5 (108)
Hydraulic reservoir – gal. (L)	15.9 (60.1)
Engine oil – qts. (L)	14.0 (13.2)
Engine coolant – qts. (L)	17.4 (16.5)

Dimensions and Weight

Operating Weight – lbs. (kg)	11,244 (5090)
Max. Lift Height to bucket pin – in. (mm)	126.1 (3205)
Dump Height – in. (mm)	95.7 (2430)
Reach @ Maximum lift – in. (mm)	38.8 (985)
Dump angle – degrees	37
Bucket rollback @ ground level – degrees	30
Length – without bucket – in. (mm)	123.5 (3135)
Length – with bucket – in. (mm)	156.9 (3985)
Ground clearance – in. (mm)	13.5 (345)
Angle of departure – degrees	30
Height to top of ROPS – in. (mm)	91.3 (2320)
Width – without bucket – in. (mm)	73.2 (1860)
Overall width – with bucket – in. (mm)	86 (2134)
Rear Clearance Radius – in. (mm)	72 (1816)
Front Clearance Radius w/ bucket – in. (mm)	106 (2692)