

Cat®
TUL100

Compact Utility Loader

Features:
The Cat® TUL100 Compact Utility Loader brings Caterpillar strength, versatility, and confidence to the compact utility loader market. With two track width options and an all-new lineup of Common Industry Interface (CII) and Narrow Skid Steer Loader (NSSL) compatible attachments, the TUL100 can be configured to meet a multitude of jobsite challenges. Intuitive and adaptive controls make operation easy, while simple maintenance keeps the machine up and running. The TUL100 features the following:

Strength

- **Cat C1.1 turbo diesel engine** provides outstanding horsepower and torque across a wide range of applications while meeting U.S. EPA Tier 4 Final emission standards.
- **Advanced hydraulic system** provides maximum auxiliary hydraulic performance by delivering 16 gpm of flow and 3,046 psi for demanding attachments and applications.
- **Reliable lifting and tilting** capabilities help operators confidently maneuver heavy loads.

Versatility

- Choice of **36" and 42" machine width options** allows for maneuverability through narrow spaces, enhanced machine stability, and lower ground pressure.
- Both the Common Industry Interface (CII) and Narrow Skid Steer Loader (NSSL) coupler interfaces allow for operation of a wide range of attachments and are compatible with the all-new lineup of Cat Compact Utility Loader attachments.

Adaptability

- **Multifunction joysticks** with 2 speed, float, and a thumb roller for auxiliary hydraulic flow make operation easy and comfortable.
- **Electric-over-hydraulic controls** allow for programmable operational controls, giving operators access to standard features such as **adjustable auxiliary flow, creep control, and multiple aux switches** to match machine performance to any application or operator preference.
- Maximize machine capability and control in the **4.2" Color LCD Display** with options to adjust drive and implement responses, operator codes, and language selection.
- Three **simple configurations** available:
  - 36" machine width, narrow track (200mm/7.9 in), Common Industry Interface (CII)
  - 42" machine width, wide track (275mm/10.8 in), Common Industry Interface (CII)
  - 42" machine width, wide track (275mm/10.8 in), Narrow Skid Steer Loader (NSSL).

Confidence

- **Easy access** to daily service and routine maintenance points reduces machine downtime for greater productivity and lower operating costs.
- **Cat reliability** and independent Cat dealer network sales and support provide the confidence to get the job done.

Specifications

Engine

Engine Model	Cat® C1.1 (turbo)	
Gross Power SAE J1995	17.8 kW	23.9 hp
Peak Torque at 1,500 rpm SAE J1995	82.3 N·m	60.7 lbf-ft
Displacement	1.1 L	69.0 in^3

- Advertised power is tested per the specified standard in effect at the time of manufacture.
- Engine does not require aftertreatment as it is below the 2025 EPA definition of a 19 kW power rating.

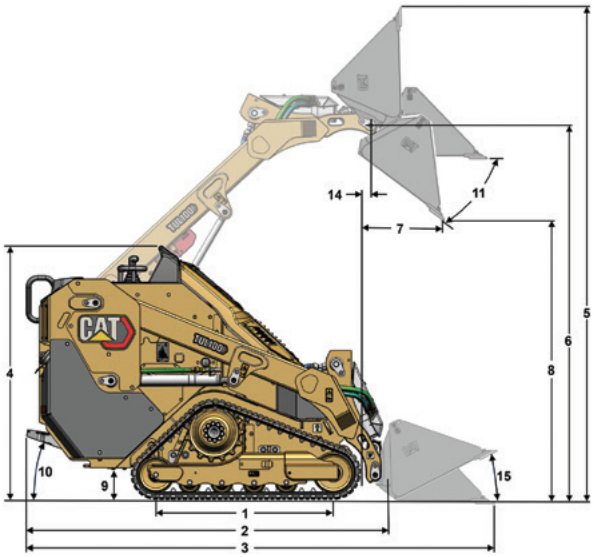
Weights

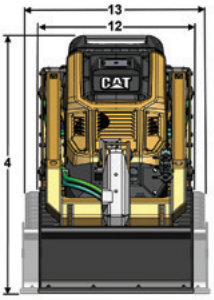
Operating Weight (36" CII)*	1679 kg	3,702 lb
Operating Weight (42" CII)**	1714 kg	3,779 lb
Operating Weight (42" NSSL)***	1736 kg	3,826 lb

* Includes 36" general purpose bucket with bolt-on cutting edge, narrow (200 mm/7.9 in) tracks, all fluids, no counterweight, and manual Common Industry Interface (CII)
** Includes 44" CII general purpose bucket with bolt-on cutting edge, wide (275 mm/10.8 in) tracks, all fluids, no counterweight, and manual Common Industry Interface (CII)
*** Includes 44" CII general purpose bucket with bolt-on cutting edge, wide (275 mm/10.8 in) tracks, all fluids, no counterweight, and narrow skid steer loader (NSSL) manual coupler

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Dimensions

1	Length of Track on Ground	1047 mm	41.2 in	**9**	Ground Clearance	165 mm	6.5 in
2	Length without Bucket	2158 mm	85.0 in	**10**	Departure Angle	27°	
3	Length with Bucket on Ground	2770 mm	109.1 in	**11**	Maximum Dump Angle	41.4°	
4	Height to Top of Console	1500 mm	59.1 in	**12**	Vehicle Width (200 mm/7.9 in tracks)	908 mm	35.7 in
5	Maximum Overall Height	2885 mm	113.6 in	**13**	Vehicle Width (275 mm/10.8 in tracks)	1055 mm	41.5 in
6	Bucket Pin Height at Maximum Lift	2193 mm	86.3 in	**14**	Bucket Pin Reach at Maximum Lift	72 mm	3.0 in
7	Reach at Maximum Lift and Dump	473 mm	18.6 in	**15**	Rack Back Angle at Ground Level	27.2°	
8	Clearance at Maximum Lift and Dump	1586 mm	62.4 in				

Power Train

Travel Speed		
One Speed (forward or reverse)	6.5 km/h	4.0 mph
Two Speed (forward)	10.0 km/h	6.2 mph
Two Speed (reverse)	8.5 km/h	5.3 mph

Service Refill Capacities

Cooling System	3.5 L	.92 gal
Engine Crankcase	3 L	.79 gal
Fuel Tank	40 L	10.6 gal
Hydraulic System	20.5 L	5.4 gal
Hydraulic Tank	19 L	5 gal

Hydraulic System

Hydraulic Flow – Standard:		
Loader Hydraulic Pressure	21 001 kPa	3,046 psi
Loader Hydraulic Flow	60 L/min	16 gal/min

Operating Specifications

Rated Operating Capacity (at 35% Tipping Load):		
36" Track, CII Coupler	460 kg	1,013 lb
42" Track, CII Coupler	459 kg	1,012 lb
42" Track, NSSL Coupler	457 kg	1,008 lb
Tipping Load:		
36" Track, CII Coupler	1313 kg	2,895 lb
42" Track, CII Coupler	1312 kg	2,892 lb
42" Track, NSSL Coupler	1307 kg	2,880 lb
Breakout Force - Lift:		
36" Track, CII Coupler	1454 kg	3,206 lb
42" Track, CII Coupler	1445 kg	3,185 lb
42" Track, NSSL Coupler	1445 kg	3,185 lb
Breakout Force - Tilt:		
36" Track, CII Coupler	1552 kg	3,422 lb
42" Track, CII Coupler	1546 kg	3,407 lb
42" Track, NSSL Coupler	1546 kg	3,407 lb
Ground Pressure:		
36" Track, CII Coupler	35.6 kPa	5.2 psi
42" Track, CII Coupler	26.6 kPa	3.9 psi
42" Track, NSSL Coupler	26.9 kPa	3.9 psi

MANDATORY EQUIPMENT

UNDERCARRIAGE

- Wide Track (275 mm/10.8 in)
- Narrow Track (200 mm/7.9 in)

COUPLERS

- Common Industry Interface (CII)
- Narrow Skid Steer Loader (NSSL) - wide track only

STANDARD EQUIPMENT

ELECTRICAL

- Heavy duty battery, including battery disconnect with lockout feature
- 12 volt electrical system
- 65 ampere alternator
- LED work lights – front and rear
- Switch backlighting

OPERATOR ENVIRONMENT

- Operator warning system indicators
  - Air filter restriction
  - Alternator output
  - Operator presence
    - Hydraulic system disables
    - Hydrostatic transmission disables
    - Parking brake engages
  - Engine coolant temperature
  - Engine oil pressure
  - Glow plug activation
  - Hydraulic supply filter restriction
  - Hydraulic oil temperature
  - Engine emission system
- Color LCD monitor
  - Creep speed control
  - Drive response adjustment
  - Implement response adjustment
  - Language selection (x32)
  - Date, time, units, and brightness setting
  - Multi-operator anti-theft security system
  - Maintenance schedule and reminders
  - Event and diagnostic code monitoring
- Gauges
  - Fuel level
  - Hour meter
  - Hydraulic temperatures
  - Battery voltage
  - Tachometer
- Cell phone storage pocket
- Cup holders
- Ergonomic contoured handholds
- Adjustable perforated steel platform with removable rubber platform mat
- Horn
- Soft touch keypad throttle, electronic
- 12 volt power port

POWER TRAIN

- Cat C1.1 Turbo engine meeting U.S. EPA Tier 4 Final emissions standards
- Automatic engine idle
- Two speed travel
- Filter, canister-type, fuel and water separator / canister-type fuel and water filter

UNDERCARRIAGE

- Track frame tie down points
- Triple flange idlers – front and rear

HYDRAULICS

- Electro/hydraulic variable displacement piston pumps
- Selectable control pattern - S or C Steer
- Flat faced auxiliary line quick disconnects
- Automatic parking brake
- Continuous auxiliary flow
- Auxiliary hydraulic case drain
- Float
- 8 auxiliary hydraulic switches
- Dead engine lower (DEL)

FRAME

- Lift linkage, radial path
- Chassis, one piece welded
- Machine tie down points (10)
- Removable panels for machine frame cleanout
- Support, lift arm
- Tilt cylinder guard

OTHER

- Steel hood with strut assist and replaceable louvers
- Work tool attachment coupler (CII/NSSL)
- Hood and console - lockable
- Lockable fuel cap
- Fuel fill, machine right hand side
- Hydraulic oil level sight gauge
- Radiator coolant level sight gauge
- Radiator expansion bottle
- Extended life antifreeze (-37C, -34F)
- Cat ToughGuard™ hose

ATTACHMENTS

- CII/NSSL: coupler engagement pins
- 1/2” aux line connections with 3/8” case drain connection

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OPTIONAL KITS

- Front light kit
- Block heater kit
- Counterweight kits
- Electrical work tool harness
- Narrow track conversion
- Wide track conversion
- NSSL Coupler
- CII Coupler
- Guarding kits

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at **www.cat.com**

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AEHQ8657 (10-2026)
Build Number: 01A
(N Am)