



963

Track Loader

Save money and transport time with one rugged machine that does it all – land clearing, digging, grading, truck loading, slope work and more. Crawler loaders give you lower ground pressure and better traction so you can start the job sooner, and work longer, in all kinds of underfoot conditions. Cat® Track Loaders give you all this, plus outstanding performance and fuel efficiency.

One Machine, Many Jobs

- Track loader power, traction and agility mean you can use one machine and one operator to do everything from clearing the site to installing utilities and finishing around buildings.
- Fusion™ Quick Coupler option lets you make fast attachment changes with a wide range of tools like forks, buckets, etc. from wheel loaders and other Fusion compatible machines.
- Bucket/tooth, undercarriage, track shoe and attachment choices help you equip your machine for optimal performance in your applications.
- Purpose-built Waste Handler, Low Ground Pressure (LGP), Ship Hold and Steel Mill configurations stand up to the toughest tasks.

Top Performer

- 963 uses up to 10% less fuel per hour than the previous model.
- Performance Series bucket option boosts productivity up to 20% compared to General Purpose bucket.
- Get more power to the ground under load with 15% more peak torque.
- Cat Payload* technology delivers precise bucket load information with on-the-go weighing. More accurate loading reduces cycle times to help save time, labor and fuel costs.
- Advansys™ bucket tips are built to give you maximum productivity and the lowest bucket lifecycle cost for your toughest applications.
- Smoother implement and steering response, and improved steering performance provide more controllability.
- Load sensing hydraulics and position sensing cylinders offer precise, responsive performance.

All comparisons to 963K track loader.

**Not legal for trade.*

Easy to Operate

- Comfortable cab and an intuitive 254 mm (10-inch) touchscreen dash display to help make the job easier.
- Standard High Definition rearview camera shows prominently in the main display.
- Slope Indicate helps make operation easier by showing machine mainfall and cross slope right on the display.
- Enjoy operator comforts like suspension seat and adjustable armrests and controls.
- Choose either joystick or two-lever implement controls to match operator preference or application.
- Speed/steering control choices include either a joystick or a v-lever and foot pedals.
- Set implement response – fine, normal, coarse – to match operator preference or application.
- Emissions reduction technology (when equipped) is designed to work in the background, with no action required from the operator.

Focus on Safety

- Excellent visibility to the bucket and all around the machine enhances safety and helps operators work more confidently.
- Handles and steps help operators climb on and off the machine more easily, from the front or the back of the tracks.
- Standard rear vision camera enhances visibility behind the machine.
- Seat belt indicator gives an alarm and registers fault code through Product Link™ if the operator fails to buckle up, enhancing job site safety.
- Ergonomics, a quiet engine and low-effort controls help lessen fatigue, so operators are better able to remain fresh and focused.



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Equipped for the Job

- Equip your loader from the factory to take on extra-challenging tasks like soft footing, waste handling ship hold and steel mill work.
- For added flotation and traction, or work in more sensitive ground conditions, choose a Low Ground Pressure (LGP) loader with wider tracks.
- Waste Handler configuration is a versatile machine for loading, sorting, excavation and spreading cover, and well suited to the landfill or transfer station. Specialized guarding, striker bars and seals help protect the machine and components from impact and airborne debris. Enhanced Cleaning Package reduces cleaning time, adds machine protection and increases compaction.
- Traction, high reach and machine balance make track loaders ideal for working in ship holds and port handling duties. Specialized guarding and seals help protect the machine, while attachments like coal buckets and trim blades help you get the job done.
- Your track loader can be factory equipped with a heat-resistant cab, high-temperature guarding and other features to help protect the machine and operator in high-temperature steel mill work.

Save on Maintenance

- Designed to help you take care of routine maintenance and get back to work.
- Grouped service points located behind large access doors.
- Daily grease points in easy reach at ground level.
- Service mode in the operator display shows hydrostatic and implement pressure for easier troubleshooting and servicing.
- Demand fan provides efficient cooling plus easy fold-down service access.
- Handy bracket holds a shovel for quick undercarriage clean-out.
- Tilt cab and convenient service access points for easier maintenance and repair.
- Diesel Particulate Filter in the Clean Emissions Module (when equipped) designed to work for the life of the engine without needing to clean or replace the filter.

Connect to Greater Efficiency

- Product Link collects machine data that can be viewed online through web and mobile applications.
- Access information anytime, anywhere with VisionLink™ and use it to make informed decisions that boost productivity, lower costs, simplify maintenance, and improve safety and security on your job site.
- Remote Troubleshoot saves time and money by allowing your Cat dealer to perform diagnostic testing remotely.
- Remote Flash updates on-board software without a technician being present, at a time that is convenient for you, potentially reducing update time by as much as 50%.

Standard and optional equipment may vary. Consult your Cat dealer for details.

	Standard	Optional
POWER TRAIN		
Cat C7.1 Diesel Engine	✓	
Hydraulic demand fan	✓	
Hydrostatic transmission	✓	
Load sensing implement pump	✓	
Modular cooling system	✓	
Cat C7.1 diesel engine with engine-mounted aftertreatment to meet U.S. EPA Tier 4 Final, EU Stage V, Korea Stage V, China Nonroad Stage IV, Japan 2014 emission standards		✓
Cat C7.1 diesel engine to meet India Bharat Stage III, Eurasian Economic Union Stage IIIA, UN ECE R96 Stage IIIA emission standards, equivalent to Tier 3/Stage IIIA		✓
CAB		
12V power outlet and 5V USB port	✓	
Adjustable armrests	✓	
Full-color 254 mm (10 in) liquid crystal touchscreen display	✓	
Grab handle on dash	✓	
Heat/Air conditioning	✓	
Integrated rearview High Definition (HD) camera	✓	
Lights – 4 halogen	✓	
Pressurized, sound suppressed, Rollover Protective Structure (ROPS)/Falling Object Protective Structure (FOPS) Cab with tinted glass and sliding window	✓	
Radio ready	✓	
Storage areas throughout cab	✓	
Communication radio ready – FM		✓
Deluxe seat		✓
Joystick or two-lever implement controls		✓
Joystick or V-lever-and-pedal steering controls		✓
LED flashing beacon		✓
Lights – 2 LED front/bottom of cab, access light		✓
Lights – 8 LED		✓
Premium seat		✓
Radio AM/FM Bluetooth®		✓
Radio AM/FM/DAB+ Bluetooth		✓
Radio AM/FM/Sirius XM Bluetooth		✓
Special application cab with dual pane/polycarbonate window		✓
CAT TECHNOLOGY		
Slope Indicate	✓	
Product Link ready	✓	
Remote Flash/Remote Troubleshoot		✓
Product Link, Cellular		✓

	Standard	Optional
CAT TECHNOLOGY (continued)		
Product Link – Dual Cellular/Satellite		✓
Cat Payload		✓
Grade control mast		✓
SERVICE AND MAINTENANCE		
4 x 2 Easy tie-down points on chassis	✓	
Ecology drains	✓	
Ground level service center	✓	
Hinged radiator guard and swing out fan	✓	
Shovel holder	✓	
Cold weather package		✓
Fast fuel fill		✓
High Speed oil change		✓
Hydraulic reversing fan		✓
Hydraulic tilt cab		✓
Refueling pump		✓
Underhood work light		✓
UNDERCARRIAGE		
Caterpillar Heavy Duty undercarriage	✓	
Oscillating track roller frames	✓	
Cat Abrasion undercarriage		✓
Single, Double or Triple Grouser track shoes		✓
Waste or Low Ground Pressure (LGP) undercarriage		✓
SPECIAL ARRANGEMENTS		
Low Ground Pressure (LGP) Arrangement		✓
Waste Handler		✓
Ship Hold Arrangement		✓
Steel Mill Arrangement		✓
ATTACHMENTS		
Bumper		✓
Counterweights		✓
Multi-shank ripper		✓
Ripper hitch		✓
Ripper-ready rear hydraulics		✓
Striker bar box		✓
BUCKETS		
Fusion quick coupler		✓
General Purpose bucket		✓
Landfill bucket		✓
Multi-Purpose bucket		✓

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Technical Specifications

Engine		
Flywheel Power	151 kW	202 hp
Engine Model	Cat C7.1	
Net Power – ISO 9249/SAE J1349	151 kW	202 hp
Net Power – ISO 9249 (DIN)	204 mhp	
Emissions	Meets U.S. EPA Tier 4 Final, EU Stage V, Korea Stage V, China Nonroad Stage IV, Japan 2014 emission standards or India Bharat Stage III, Eurasian Economic Union Stage IIIA, UN ECE R96 Stage IIIA emission standards, equivalent to U.S. EPA Tier 3/ EU Stage IIIA.	

- The Cat C7.1 is available in configurations that meet U.S. EPA Tier 4 Final, EU Stage V, Korea Stage V, China Nonroad Stage IV, Japan 2014 emission standards or Eurasian Economic Union Stage IIIA, UN ECE R96 Stage IIIA emission standards, equivalent to U.S. EPA Tier 3/EU Stage IIIA.
- Cat U.S. EPA Tier 4 Final, EU Stage V, Korea Stage V, China Nonroad Stage IV, Japan 2014 engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible* with ULSD blended with the following lower-carbon intensity fuels** up to:
 - ✓ 20% biodiesel FAME (fatty acid methyl ester)***
 - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels
- Cat engines meeting Eurasian Economic Union Stage IIIA, UN ECE R96 Stage IIIA emission standards, equivalent to U.S. EPA Tier 3/EU Stage IIIA, are compatible* with diesel fuel blended with the following lower-carbon intensity fuels*** up to:
 - ✓ 100% biodiesel FAME (fatty acid methyl ester)****
 - ✓ 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels

Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.

**While Caterpillar engines are compatible with these alternative fuels, some regions may not allow their use.*

***Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.*

****Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).*

*****For use of blends higher than 20% biodiesel, consult your Cat dealer.*

- Net power advertised is the power available at the engine flywheel when the engine is equipped with a fan, air cleaner, clean emissions Module (when equipped) and alternator. Advertised power is tested per the specified standard in effect at the time of manufacture.

Weights		
Operating Weight	20 358 kg	44,881 lb
Service Refill Capacities		
Fuel Tank	320 L	84.5 gal
Diesel Exhaust Fluid (DEF) Tank	16 L	4.2 gal

Standard		
Operating Weight	20 358 kg	44,881 lb
Width of Standard Shoe	550 mm	22 in
Ground Contact Area	3.2 m ²	4,900 in ²
Ground Pressure	63 kPa	9.1 psi

Low Ground Pressure (LGP)		
Operating Weight	22 762 kg	50,181 lb
Width of Standard Shoe	800 mm	31 in
Ground Contact Area	4.6 mm ²	7,136 in ²
Ground Pressure	48.5 kPa	7 psi

Waste Handler		
Operating Weight	20 661 kg	45,549 lb
Width of Standard Shoe	550 mm	22 in
Ground Contact Area	3.2 m ²	4,900 in ²
Ground Pressure	63.3 kPa	9.2 psi

Dimensions		
Overall Machine Length*	7001 mm	275.6 in
Machine Height – Top of Cab	3325 mm	130.9 in
Height – Top of Stack	2940 mm	115.7 in
Overall Machine Height – Bucket Fully Raised	5402 mm	212.7 in
Overall Machine Width without Bucket: With Standard Tracks – 550 mm (21.6 in) Shoes	2400 mm	94.5 in

*With General Purpose bucket and extra duty teeth.

Undercarriage		
Track Gauge	1850 mm	72.8 in
Track on Ground	2542 mm	100 in
Track Rollers/Shoes – Each Side	7 / 38	

Buckets		
Capacity – General Purpose	2.5 m ³	3.2 yd ³
Capacity – Multi-Purpose	2 m ³	2.6 yd ³
Capacity – Performance Series	2.8 m ³	3.7 yd ³
Width – General Purpose	2571 mm	101.2 in
Width – Multi-Purpose	2575 mm	101.3 in
Width – Performance Series	2671 mm	105.2 in

Air Conditioning System		
• The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.		
• If equipped with R134a (Global Warming Potential = 1430), the system contains 1.134 kg (2.5 lb) of refrigerant which has a CO ₂ equivalent of 1.622 metric tonnes (1.787 tons).		

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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Build Number: 12A
(Global excluding Brazil)

