



# Cat<sup>®</sup> 953

## 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<sup>®</sup> 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.
- 953 is sized for tight spaces and easy transport.
- 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, Ship Hold and Low Ground Pressure (LGP) configurations stand up to the toughest tasks.

### Top Performer

- 953 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.
- Efficient Cat<sup>®</sup> C7.1 engine delivers power and fast response when the machine is under load.
- Meets U.S. EPA Tier 4 Final /EU Stage V/Japan 2014/Korea Tier 4 Final emission standards.
- Smoother implement and steering response, and improved steering performance, provide more controllability.
- Load sensing hydraulics and position sensing cylinders offer precise, responsive performance.

### Easy to Operate

- Updated cab offers more comfort and an intuitive 10-inch (254 mm) touchscreen dash display.
- 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 is designed to work in the background, with no action required from the operator.

### 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<sup>®</sup> – and use it to make informed decisions that boost productivity, lower costs, simplify maintenance, and improve safety and security on your job site.
- The Cat App helps you manage your assets – at any time – right from your smartphone. See fleet location and hours, get critical required maintenance alerts, and even request service from your local Cat dealer.
- 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%.



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## 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 designed to work for the life of the engine without needing to clean or replace the filter.

## 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.

## Take on the Trash

- Waste Handler configuration is a versatile machine for loading, sorting, excavation and spreading cover, 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.
- Final Drive guarding helps prevent wrapping and damage.
- Screen helps protect windshield and operator from breakage and debris.
- High debris cooling system – radiator fan folds out for easy cleanout access.
- Specialized air handling features help deliver cleaner air to the machine and to the cab.
- Choice of buckets and track shoes allow you to further optimize the machine for greater performance and service life.
- Enhanced Cleaning Package reduces cleaning time, adds machine protection and increases compaction.

## Keep Things Shipshape

- Optimal combination of traction, high reach and machine balance makes track loaders ideal for working in ship holds and port handling duties.\*
- Specialized implements, like coal buckets and trim blades, help you sweep down walls and handle a variety of materials.
- Fusion Quick Coupler option adds versatility with easy use of forks, buckets and other attachments from compatible machines.
- Specialized sealing, guards and bumpers help protect key components.
- Front and rear eyes widely spaced for stability during lifting.
- Added lighting packages help illuminate the work area.

*All comparisons to 953K Track Loader*

*\*Please consult your Cat dealer for availability*

## Standard and Optional Equipment

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

	Standard	Optional		Standard	Optional
<b>POWER TRAIN</b>			<b>BUCKETS</b>		
Cat® C7.1 diesel engine	✓		Pin-on coupler	✓	
Biodiesel compatible up to B20	✓		Fusion quick coupler		✓
Load sensing implement pump	✓		General Purpose bucket		✓
Modular cooling system	✓		Multi-Purpose bucket		✓
<b>OPERATOR ENVIRONMENT</b>			Performance bucket		✓
Pressurized, sound suppressed, ROPS/FOPS Cab with tinted glass and sliding window	✓		Landfill bucket		✓
Special application cab with dual pane/polycarbonate window		✓	<b>UNDERCARRIAGE</b>		
Full-color 10 in (254 mm) liquid crystal touchscreen display	✓		Caterpillar Heavy Duty undercarriage	✓	
Integrated rearview HD camera	✓		Cat Abrasion undercarriage		✓
Joystick steering and implement controls		✓	Oscillating track roller frames	✓	
V-lever-and-pedal steering controls, 2-lever implement controls		✓	Waste or LGP undercarriage		✓
Premium seat		✓	<b>SERVICE AND MAINTENANCE</b>		
Deluxe seat		✓	Hinged radiator guard and swing out fan	✓	
Adjustable armrests	✓		Ecology drains	✓	
Radio ready	✓		High Speed oil change		✓
Radio AM/FM Bluetooth®		✓	4 × 2 Easy tie-down points on chassis	✓	
Radio AM/FM/DAB+ Bluetooth		✓	Shovel holder	✓	
Radio AM/FM/Sirius XM Bluetooth		✓	Ground level service center	✓	
Communication radio ready – FM		✓	Hydraulic tilt cab		✓
12V power outlet and 5V USB port	✓		Fast fuel fill		✓
Heat/Air conditioning	✓		Refueling pump		✓
Storage areas throughout cab	✓		Hydraulic demand fan	✓	
Grab handle on dash	✓		Hydraulic demand fan, reversing		✓
Lights – four halogen	✓		Underhood work light		✓
Lights – eight LED		✓	<b>ATTACHMENTS</b>		
Lights – two LED front/bottom of cab, access light		✓	Ripper-ready rear hydraulics		✓
LED flashing beacon		✓	Multi-shank ripper		✓
<b>CAT TECHNOLOGY</b>			Bumper		✓
Slope Indicate	✓		Counterweights		✓
Product Link, Cellular		✓	Ripper hitch		✓
Product Link – Dual Cellular/Satellite		✓	Striker bar box		✓
Remote Flash/Troubleshoot	✓				
Operator ID	✓				
Machine Security – Passcode		✓			
Machine Security – Bluetooth		✓			

Not all features are available in all regions. Please check with your local Cat dealer for specific offering availability in your area. For additional information, refer to the Technical Specifications brochure available at [www.cat.com](http://www.cat.com) or your Cat dealer.

# Cat® 953 Track Loader

## Technical Specifications

### 953 Track Loader

Engine	Cat C7.1	
Emissions	U.S. EPA Tier 4 Final/ EU Stage V/Japan 2014/ Korea Tier 4 Final	
Build Number	12A	
Net Power – ISO 9249/SAEJ1349	119 kW	160 hp
Net Power – ISO 9249/SAEJ1349 (DIN)	162 mhp	
Fuel Tank	265 L	70 gal
DEF Tank	16 L	4.2 gal
<ul style="list-style-type: none"> <li>• Engine power at 1,800 rpm.</li> <li>• The net power advertised is the power available at the flywheel when the engine is equipped with fan running up to maximum speed, alternator, air cleaner and aftertreatment.</li> <li>• Net power is tested per ISO 9249:2007 and SAE J1349:2011.</li> <li>• All non-road Tier 4 Interim and Final, Stage IIIB, IV and V, Japan 2014 (Tier 4 Final) and Korea Tier 4 Final diesel engines are required to use only Ultra Low Sulfur Diesel (ULSD) fuels containing 15 ppm EPA/10 ppm EU (mg/kg) sulfur or less. Biodiesel blends up to B20 (20% blend by volume) are acceptable when blended with 15 ppm (mg/kg) sulfur or less ULSD. B20 should meet ASTM D7467 specification (biodiesel blend stock should meet Cat biodiesel spec, ASTM D6751 or EN 14214). Cat DEO-ULS™ or oils that meet the Cat ECF-3, API CJ-4, and ACEA E9 specification are required. Consult your OMM for further machine specific fuel recommendations.</li> <li>• Diesel Exhaust Fluid (DEF) used in Cat Selective Catalytic Reduction (SCR) systems must meet the requirements outlined in the International Organization for Standardization (ISO) standard 22241.</li> <li>• The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.1 kg of refrigerant which has a CO<sub>2</sub> equivalent of 1.573 metric tonnes.</li> </ul>		

### Buckets

	Capacity		Width	
General Purpose	1.8 m <sup>3</sup>	2.4 yd <sup>3</sup>	2485 mm	97.8 in
Performance Series	2.1 m <sup>3</sup>	2.7 yd <sup>3</sup>	2536 mm	99.8 in
Multi-Purpose	1.6 m <sup>3</sup>	2.1 yd <sup>3</sup>	2471 mm	97.3 in
Landfill	2.3 m <sup>3</sup>	3.0 yd <sup>3</sup>	2485 mm	97.8 in
Wide Flush	2.2 m <sup>3</sup>	2.9 yd <sup>3</sup>	2994 mm	117.9 in
General Purpose Fusion	1.8 m <sup>3</sup>	2.4 yd <sup>3</sup>	2536 mm	99.8 in
Slag	1.6 m <sup>3</sup>	2.1 yd <sup>3</sup>	2416 mm	95.1 in

### Operating Weights

Standard	15 958 kg	35,181 lb
Low Ground Pressure (LGP)	17 261 kg	38,055 lb
Waste Handler	16 176 kg	35,662 lb

### Undercarriage

Track Shoe Width – Standard	480 mm	20 in
Track Shoe Width – Optional (Narrow)	380 mm	15 in
Track Shoe Width – LGP	800 mm	31.5 in
Track Rollers /Shoes – Each Side	6/37	
Track on Ground	2286 mm	90.0 in
Ground Contact Area – Standard Shoe	2.4 m <sup>2</sup>	3,720 in <sup>2</sup>
Ground Contact Area – Optional Shoe	1.9 m <sup>2</sup>	2,945 in <sup>2</sup>
Ground Contact Area – LGP	3.9 m <sup>2</sup>	6,045 in <sup>2</sup>
Ground Pressure – Standard Shoe	66 kPa	10 psi
Ground Pressure – Optional Shoe	83 kPa	12 psi
Ground Pressure – LGP	43 kPa	6 psi
Track Gauge	1836 mm	72.3 in
Track Gauge – LGP	2136 mm	84.1 in

### Dimensions

Overall Machine Width/Without Bucket/ Standard Tracks – 480 mm (20 in) Shoes	2316 mm	91.2 in
Narrow Tracks – 380 mm (15 in) Shoes	2216 mm	87.2 in
LGP Tracks – 800 mm (31.5 in) Shoes	2936 mm	115.6 in
Ground Clearance	413 mm	16.3 in
Machine Height to Top of Cab	3156 mm	124.2 in
Overall Machine Length*	6378 mm	251.1 in
Reach at Maximum Lift and 45° Discharge*	1053 mm	41.4 in
Dump Clearance at Maximum Lift and 45° Discharge*	2838 mm	111.7 in
Hinge Pin Height at Maximum Lift	3608 mm	142.1 in
Ramp Angle	29°	
Turning Radius	3.6 m	141.7 in

\*With General Purpose pin-on bucket.

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at [www.cat.com](http://www.cat.com)

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