

953K/963K

Track Loaders



	953K		963K	
Engine				
Engine Model	Cat® C7.1 ACERT™		Cat C7.1 ACERT	
Engine Power (Maximum) – ISO 14396	129 kW	173 hp	165 kW	221 hp
Engine Power (Maximum) – ISO 14396 (DIN)		175 hp		224 hp
Net Power (Rated) – ISO 9249/SAE J1349	115 kW	154 hp	144 kW	193 hp
Net Power (Rated) – ISO 9249/SAE J1349 (DIN)		156 hp		196 hp
Weights				
Operating Weight	15 642 kg	34,484 lb	20 308 kg	44,771 lb
Operating Weight – Wide Gauge	17 747 kg	39,125 lb	22 712 kg	50,071 lb

953K/963K Features

Fuel Efficiency

A more fuel efficient Cat C7.1 ACERT engine and Eco Mode combine to give you a 10-25 percent reduction in fuel use.*

Performance

Smarter power train management gives you power when you need it and improved implement and steering response.*

Ease of Operation

Cab updates offer added comfort and convenience for operators. New handles and steps make access/egress even easier from the front or the back of the tracks.

Technology

Remote monitoring with Product Link™/ VisionLink® helps you manage your fleet more effectively and profitably.

*Compared to D Series models.

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Save money and transport time with one rugged machine for land clearing, digging, grading, truck loading, slope work and more. Crawler loaders give you reduced ground pressure and better traction so you can start the job earlier and work longer in soft underfoot conditions. Purpose-built Waste Handler, Ship Hold and Partial Steel Mill configurations stand up to the toughest applications. This new generation of Cat track loaders brings you all of this, plus improved performance and fuel efficiency.

Operator Environment

Comfort and productivity

Updated cab gives operators added comforts like adjustable armrests and controls, improved air conditioning system and a heated/ventilated seat option. The Liquid Crystal Display (LCD) operator interface makes it simple to customize machine performance features and to view machine operating and service information.

Excellent visibility to the bucket and all around the machine helps operators work more confidently. Reduced engine noise* makes the environment quieter for the operator and others around the worksite.

Cab-mounted heating/ventilation/air conditioning (HVAC) system gives you more cooling capability, and removes the condenser from under the hood for reduced heat and easier service.



**Compared to D Series models.*



Implement and Steering Controls

- Electro-Hydraulic Implement Controls provide responsive, smooth and precise control of bucket and lift arms.
- Choose from either joystick or two-lever implement controls to match operator preference or application.
- Speed/steering controls are available as either a joystick or as V-lever and foot pedals.
- Optimize speed for the application, especially in lower range, with six ground speed ranges Forward and Reverse.
- A variable throttle control dial lets you use preset engine speeds, customized for operator preference.
- Selectable Electro-Hydraulic maps allow you to set implement response – fine, normal, coarse – to match operator preference or application.
- Hydrostatic Drive system provides quick machine travel speed, on-the-go directional changes and counterrotation.



Engine

A Cat C7.1 ACERT engine gives you the power and reliability you need to get the job done. More torque at lower engine speed gives you faster machine response under load.



Fuel Efficiency/Eco Mode

The more efficient engine and an **Eco Mode** combine to deliver a 10-25 percent reduction in fuel consumption compared to the D Series models. Eco Mode automatically reduces engine speed, but maintains selected ground speed under lighter loads.

Hydrostatic Drive

A new Electronic Control Module gives you smarter power train management, resulting in smoother implement/steering response and improved steering performance over the previous model. Power reaches the ground more efficiently based on the demands of the application, giving you fast acceleration and shorter cycle times. The electronically controlled Hystat drive uses variable displacement pumps and drive motors to power each track independently, delivering fast acceleration and infinitely variable speed. The operator can command smooth machine turns and counterrotation.



Cooling System

The single unit cooling system incorporates the radiator, air-to-air aftercooler, oil cooler and fan installation. The cooling module is located at the rear of the loader, away from dust and debris stirred up by the bucket while the machine is working. The radiator has 6.5 fins per inch to help reduce plugging. A simple, side-by-side design reduces debris and makes cleaning easier. The fold-down design gives you easy access.



A hydraulic demand fan reduces speed in cooler conditions to conserve power, save fuel and decrease sound levels. An optional reversing fan is available for high debris conditions.

Efficiency and Performance

Get the job done



Load-Sensing Hydraulics

Field-proven system senses the load and continuously adjusts hydraulic power to maximize your efficiency. Operators have precise control and the power needed for simultaneous lift, tilt and travel.

Position Sensing Cylinders

Position Sensing Cylinders allow the operator to set lift and tilt kickouts to match the application without leaving the cab. Linkage can be automatically set to specific positions for increased productivity. Advanced automatic features help make start/stop motions smoother, reducing vibration in the cab.

Automatic Kickouts

Standard programmable automatic kickouts provide flexibility and productivity for precise load and dump target heights. Tilt and lift kickouts are easily set by positioning the bucket or attachment and pressing a button on the right-hand control panel in the cab.



Equipped for the Job

Optimize your machine

Buckets

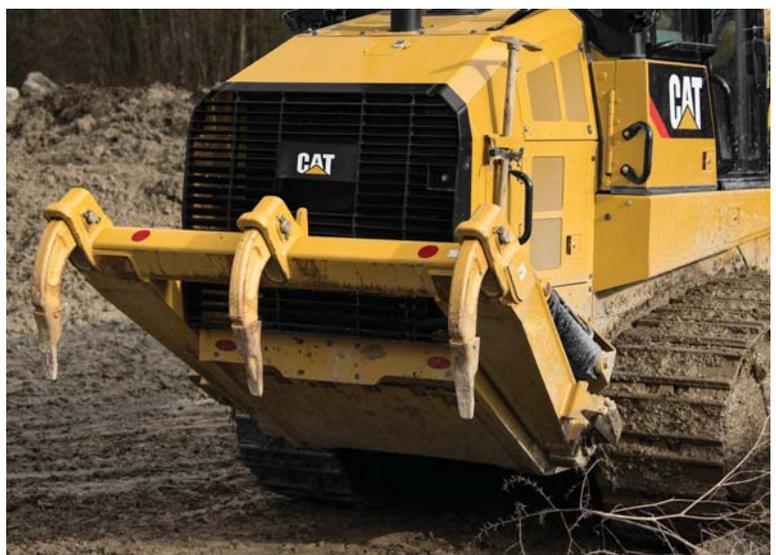
- **General Purpose** – Loadability and long life in applications like hard bank excavating, stripping, stockpile loading.
- **Multi-Purpose** – Versatility for loading, stripping, clearing, bulldozing, picking up debris, fine grading. Bucket clamps hydraulically to grip or handle other tough-to-grasp materials.
- **Performance Series** – Move up to 10 percent more material per hour.
- **Special Application** – Optimized for waste/landfill and ship hold work.
- **K Series™ Bucket Tooth System** stays sharp, holds tight and allows for simple changes. Lower-profile for optimal sharpness, penetration and digging ability throughout tip life.
- **Fusion™ Quick Coupler** option adds versatility by allowing easy use of forks, buckets, etc. from wheel loaders and other Fusion compatible machines.

Undercarriage

- Oscillating undercarriage decreases ground shock for increased stability and smoother ride. Heavy Duty track standard for aggressive applications like land clearing, side-slopes or rocky terrain.
- For low ground pressure work or added flotation, choose the LGP package with wide gauge undercarriage and wider track shoes and bucket.

Ripper

Multi shank ripper adds extra versatility and force to expand the machine's range of applications.



Safety

Designed with protection in mind

- New handles and steps help operators climb on and off the machine more easily, from the front or the back of the tracks.
- Excellent visibility to the bucket and all around the machine helps operators work more confidently.
- Rear vision camera* enhances visibility behind the machine.
- New seat belt indicator gives an alarm and registers fault code through Product Link if the operator fails to buckle up, enhancing job site safety.
- Improved ergonomics, a quieter engine and reduced effort controls help lessen fatigue so operators are better able to remain fresh and focused.

**Not available in all areas. Please consult your Cat dealer for details.*



Emissions Technology

Proven, integrated solutions

For regions utilizing U.S. EPA Tier 4 Final/ EU Stage IV emission standards, emissions reduction technology is designed to be transparent. Regeneration runs automatically in the background while you work.

Across a variety of applications, 953K/963K models typically have used Diesel Exhaust Fluid a rate of 2.5-3 percent of fuel consumption for excellent fluid efficiency. Conveniently refill from ground level when you refuel.

When the machine is turned off, a pump will automatically purge the DEF lines. If engine/aftertreatment temperatures are high, Delayed Engine Shutdown will activate automatically to cool the machine and then purge the lines. For complete aftertreatment information, please refer to the Operation and Maintenance Manual.

Waste Handler

Designed for performance



- 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.
- Cooling system is designed for high debris environments – radiator fan folds out for easy cleanout access.
- Specialized air handling features help deliver cleaner air to the machine and to the cab.
- Landfill buckets, equipped with heavy-duty trash rack, offer increased capacity and reduced spillage.
- Center-hole track helps reduce packing. Choose from a variety of shoe types and widths to optimize the loader for your application.
- Optional rear vision camera* enhances visibility behind the machine.



Enhanced Cleaning Package

Reduce cleaning time, add machine protection and increase compaction with an enhanced package* for waste handling track loaders.

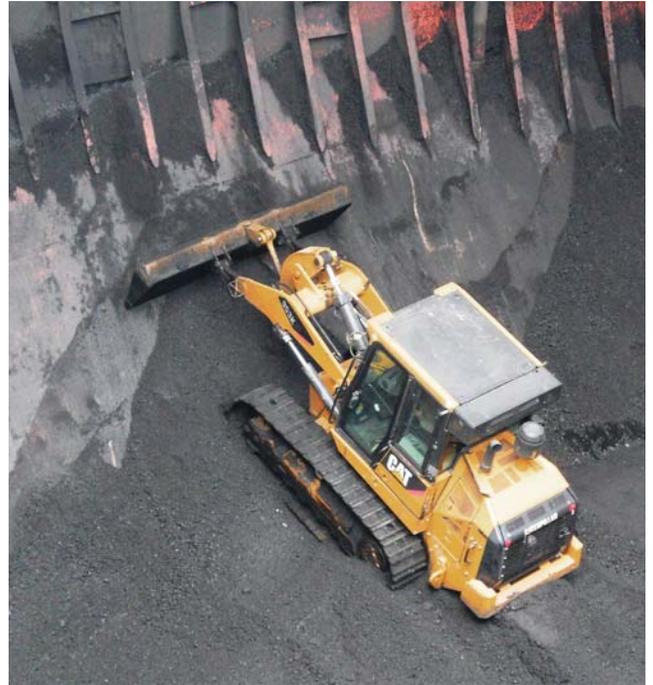
- Standard width track shoe helps free waste from between the track roller frame, tracks and chassis for faster cleaning.
- Design helps reduce damage caused by debris carried on the tracks.
- Heavier waste configuration combined with narrower track shoes increases ground pressure for greater compaction.

**Not available in all areas. Please consult your Cat dealer for details.*

Ship Hold Package

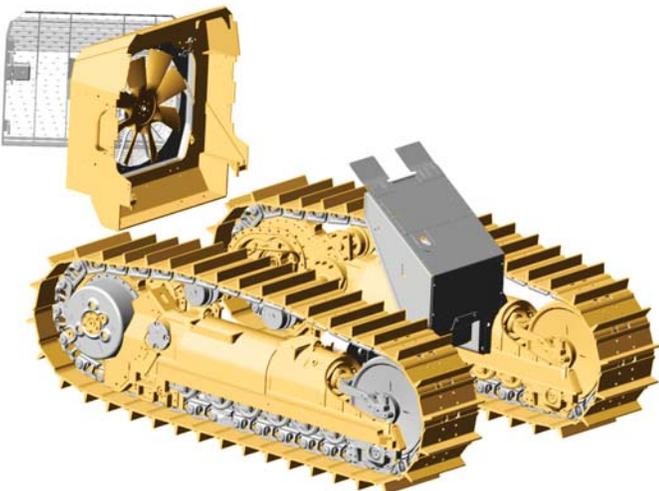
High reach and maneuverability

- 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.



Partial Steel Mill Package

High temperature performance



- Base package facilitates dealer upgrades to equip your track loader for work in high temperature environments.
- Steel Mill undercarriage with high temperature seals for durability.
- Guards for final drives Duo-Cone® seals and equalizer bar side pivots.
- Welded side bars reduce thermal distortion of the track roller frame and protect the steel mill walls.
- Heavy duty front guard.
- Rear/fan door guard with latches for easy cleanout access.
- Fire retardant oil.
- Steel Mill bucket available.

Please consult with your Cat dealer for availability. This package does not include modifications required to work in hot slag.



Serviceability and Customer Support

When uptime counts

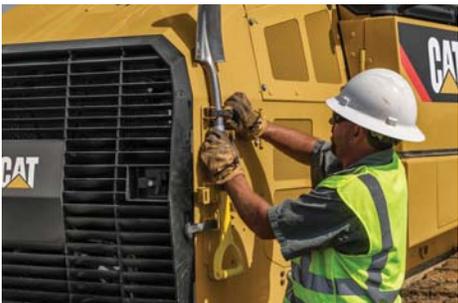
Ease of Service

- 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.
- Cooling system access from the engine compartment with fold-down fan for easy clean-out.
- Handy bracket holds a shovel for quick undercarriage clean-out.
- Tilt cab allows easy access to drive train and hydraulic systems.
- When equipped, 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.

Cat Connect Technologies

- Product Link* is deeply integrated into your machine. Easy access to timely information like machine location, hours and event codes via the online VisionLink user interface can help you manage your fleet and reduce operating costs.

**Product Link not available in all areas. Please consult your Cat dealer for details.*



953K Track Loader Specifications

Engine

Engine Model	Cat C7.1 ACERT	
Engine Power (Maximum)		
SAE J1995	132 kW	177 hp
ISO 14396	129 kW	173 hp
ISO 14396 (DIN)	175 hp	
Net Power (Rated)		
ISO 9249/SAE J1349	115 kW	154 hp
ISO 9249/SAE J1349 (DIN)	156 hp	
Bore	105 mm	4.13 in
Stroke	135 mm	5.31 in
Displacement	7.01 L	427.8 in ³

- Engine ratings at 1,800 rpm.
- No derating required up to 3000 m (9,842 ft) altitude.
- All nonroad Tier 4 Interim and Final, Stage IIIB and IV and Korea Tier 4 Final diesel engines are required to use only Ultra Low Sulfur Diesel (ULSD, containing 15 ppm sulfur or less). Biodiesel blends up to B20 (20% blend by volume) are acceptable when blended with 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.
- 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.

Drive System

Maximum Travel Speed	10 km/h	6.2 mph
Track Motor	Two, variable displacement, bent axis motors	
Drive System	Hydrostatic drive with infinite machine speeds to 10.0 km/h (6.2 mph)	
Drive Pump	Two, variable displacement, slipper-type axial piston pumps	
Track Motor	Two, variable displacement, bent axis motors	
Relief Valve Setting	47 500 kPa	6,890 psi

Undercarriage

Track Shoe Type	Double Grouser	
Track Shoe Width – Standard	480 mm	19 in
Track Shoe Width – Optional	380 mm	15 in
Track Shoe Width – Wide Gauge	800 mm	31.5 in
Track Rollers/Shoes – Each Side	6/37	
Track on Ground	2320 mm	91.3 in
Ground Contact Area – Standard Shoe	2.2 m ²	3.41 in ²
Ground Contact Area – Optional Shoe	1.8 m ²	2.79 in ²
Ground Contact Area – Wide Gauge	4.17 m ²	6,465 in ²
Ground Pressure ¹ – Standard Shoe*	60.7 kPa	8.8 psi
Ground Pressure ¹ – Optional Shoe*	76.7 kPa	11.1 psi
Ground Pressure ¹ – Wide Gauge*	41.7 kPa	6.1 psi
Ground Pressure – Standard Shoe*	59.6 kPa	8.6 psi
Ground Pressure – Optional Shoe*	75.3 kPa	10.9 psi
Ground Pressure – Wide Gauge*	41.1 kPa	6.0 psi
Grouser Height – Double Grouser	35 mm	1.4 in
Track Gauge	1836 mm	72.3 in
Track Gauge – Wide Gauge	2136 mm	84.1 in
Link Pitch	190 mm	7.48 in

* ISO 16754:2008.

¹ Machine equipped with Tier 4 Final/Stage IV emissions reduction technology.

- Wide Gauge Arrangement available for lower ground pressure applications.
- Ground pressure is calculated using operating weight of machine with General Purpose bucket, teeth and segments.

Service Refill Capacities

Fuel Tank	265 L	70 gal
Cooling System	32 L	8.45 gal
Crankcase (with filter)	16.5 L	4.5 gal
Final Drives (each)	10.8 L	2.8 gal
Hydraulic Tank	70 L	18.5 gal
Pivot Shaft	0.7 L	0.18 gal
DEF Tank	16 L	4.22 gal

Air Conditioning System

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 CO₂ equivalent of 1.573 metric tonnes.

953K Track Loader Specifications

Electrical System

Type	24V DC
Battery Capacity	900 CCA
Battery Voltage	12V
Battery Quantity	2
Alternator – 105 Amps	Heavy-Duty Brushless (Tier 4/Stage IV)
Alternator – 115 Amps	Heavy-Duty Brushless (Tier 3/Stage IIIA)

Weights (Tier 4 Final/Stage IV)

Operating Weight	15 642 kg	34,484 lb
Operating Weight – Wide Gauge	17 747 kg	39,125 lb
Operating Weight – Waste Handler	15 720 kg	34,656 lb
Shipping Weight	14 377 kg	31,696 lb
Shipping Weight – Wide Gauge	16 087 kg	35,465 lb
Shipping Weight – Waste Handler	14 455 kg	31,867 lb

- Operating Weight: Includes coolant, lubricants, 100% fuel tank, ROPS/FOPS cab, General Purpose bucket with long bolt-on teeth and segments and 75 kg (165 lb) operator.
- Shipping Weight: Includes coolant, lubricants, 10% fuel tank, ROPS/FOPS cab and no bucket.

Weights

Operating Weight	15 355 kg	33,852 lb
Operating Weight – Wide Gauge	17 460 kg	38,492 lb
Operating Weight – Waste Handler	15 433 kg	34,024 lb
Shipping Weight	14 090 kg	31,063 lb
Shipping Weight – Wide Gauge	15 800 kg	34,833 lb
Shipping Weight – Waste Handler	14 168 kg	31,235 lb

- Operating Weight: Includes coolant, lubricants, 100% fuel tank, ROPS/FOPS cab, General Purpose bucket with long bolt-on teeth and segments and 75 kg (165 lb) operator.
- Shipping Weight: Includes coolant, lubricants, 10% fuel tank, ROPS/FOPS cab and no bucket.

Buckets

Capacity – General Purpose	1.8 m ³	2.4 yd ³
Capacity – Performance Series	2.1 m ³	2.7 yd ³
Capacity – Multi-Purpose	1.6 m ³	2.1 yd ³
Capacity – Landfill	2.3 m ³	3.0 yd ³
Bucket Width – General Purpose	2485 mm	97.8 in
Bucket Width – Performance Series	2536 mm	99.8 in
Bucket Width – Multi-Purpose	2471 mm	97.3 in
Bucket Width – Landfill	2485 mm	97.8 in

- Bucket equipped with teeth and segments.

Bucket Cycle Times

Lift	5.4 seconds
Power Down	3.0 seconds
Float Down	2.0 seconds
Dump at Maximum Height (from full rackback)	1.3 seconds
Rackback at Maximum Height (from full dump)	1.4 seconds

Hydraulic System – Implement

Type	Closed center, load sensing piston
Output	176 L/min 44.6 gal/min
Main Relief Valve Setting	28 000 kPa 4,061 psi

Ripper Specifications

Type	Radial
Number of Pockets	3
Overall Width/Beam	1952 mm 76.9 in
Shank Cross Section	50 mm × 109 mm 1.96 in × 4.2 in
Ground Clearance	507 mm 20 in
Penetration	290 mm 11.4 in
Ripping Width	1800 mm 70.9 in
Cylinders – Bore	101.6 mm 4 in
Cylinders – Stroke	270 mm 10.6 in
Added Machine Length with Ripper in Transport Position	437 mm 17.2 in

Standards

ROPS/FOPS

- ROPS (Rollover Protective Structure) offered by Caterpillar for the machine meets ROPS criteria ISO 3471:2008.
- FOPS (Falling Object Protective Structure) meets ISO 3449-2005 Level II.

Brakes

- Brakes meet the standard ISO 10265:2008.

Sound and Vibration Information

- The declared dynamic operator sound pressure level when “ISO 6396:2008” is used to measure the value for an enclosed cab. The measurements were conducted at the maximum engine cooling fan speed. The sound level may vary at different engine cooling fan speeds. The cab was properly installed and maintained. The measurements were conducted with the cab doors and the cab windows closed.
NOTE: The dynamic operator sound pressure level uncertainty is ± 2 dB(A).

953K ¹	71 dB(A)
953K	73 dB(A)

- Hearing protection may be needed when the machine is operated with an open operator station for extended periods, in a noisy environment or with a cab that is not properly maintained.
- Sound Level Information for Machines in European Union Countries and in Countries that Adopt the “EU Directives”:
If equipped, the certification label is used to verify the environmental sound certification of the machine to the requirements of the European Union. The value that is listed on the label indicates the guaranteed exterior sound power level (L_{WA}) at the time of manufacture for the conditions that are specified in “2000/14/EC.”

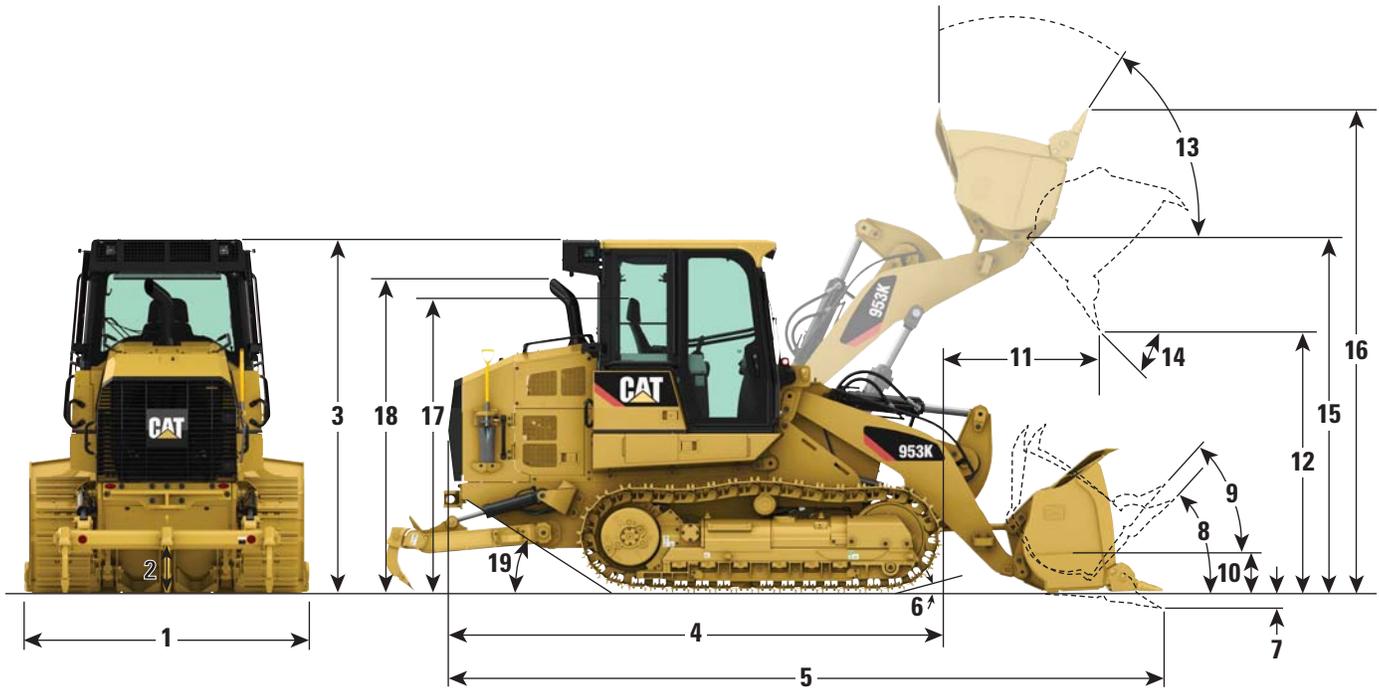
953K ¹	109 dB(A)
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¹ Machine equipped with Tier 4 Final/Stage IV emissions reduction technology.

953K Track Loader Specifications

Dimensions

All dimensions are subject to change without notice.



1 Overall Machine Width without Bucket:

With Standard Tracks – 480 mm (19.7 in) Shoes	2316 mm	91.2 in
With Narrow Tracks – 380 mm (14.9 in) Shoes	2216 mm	87.2 in
With Wide Gauge Tracks – 800 mm (31.5 in) Shoes	2936 mm	115.6 in
2 Ground Clearance	417 mm	16.4 in
3 Machine Height to Top of Cab	3155 mm	124.2 in
4 Length to Front of Track	4545 mm	178.9 in
5 Overall Machine Length*	6389 mm	251.5 in
6 Carry Position Approach Angle		15°
7 Digging Depth*	140 mm	5.5
8 Maximum Rollback at Ground		43°
9 Maximum Rollback at Carry Position		50°
10 Bucket Height in Carry Position	548 mm	21.6 in
11 Reach at Full Lift Height and 45° Dump*	1195 mm	47 in
12 Clearance at Full Lift Height and 45° Dump*	2694 mm	106 in
13 Maximum Rollback, Fully Raised		52°
14 Maximum Dump, Fully Raised		53°
Grading Angle		74°
15 Height to Bucket Hinge Pin	3610 mm	142.1 in
16 Overall Machine Height, Bucket Fully Raised	4666 mm	183.7 in
17 Height to Top of Seat with Headrest	2596 mm	102.2 in
18 Height to Top of Stack	2804 mm	110.3 in
19 Ramp Angle		29°

* With general purpose bucket and extra duty teeth.

Dimensions vary with bucket. Refer to Operating Specifications chart.

953K Track Loader Specifications

Operating Specifications

	General Purpose Bucket			Multi-Purpose Bucket			Flush Mounted Teeth	Performance Series Bucket	
	None	Long Teeth & Segments	Bolt-on Edge	None	Long Teeth & Segments	Bolt-on Edge	Long Teeth	Long Teeth & Segments	
Attachments on Bucket Cutting Edge									
Bucket Weight	kg lb	990 2,183	1216 2,681	1100 2,425	1498 3,302	1724 3,801	1608 3,545	1090 2,403	1419 3,218
Rated Load Nominal Heaped§	kg lb	2924 6,670	3096 6,960	3096 6,960	2580 5,800	2752 6,090	2752 6,090	2924 6,670	3612 7,830
Rated Capacity Nominal Heaped	m ³ yd ³	1.7 2.3	1.8 2.4	1.8 2.4	1.5 2.0	1.6 2.1	1.6 2.1	1.7 2.3	2.1 2.7
Struck Capacity	m ³ yd ³	1.5 1.9	1.6 2.1	1.6 2.1	1.3 1.7	1.4 1.8	1.4 1.8	1.5 1.9	1.9 2.5
Bucket Width Overall*#	mm in	2392 94.2	2485 97.8	2454 96.6	2378 93.6	2471 97.3	2440 96.1	2438 96.0	2536 99.8
Teeth		none	***	none	none	***	none	***	***
Dimensions and Weights									
Overall Height	mm in	3155 124.2	3155 124.2	3155 124.2	3155 124.2	3155 124.2	3155 124.2	3155 124.2	3155 124.2
Overall Operating Height*	mm in	4823 190.0	4823 190.0	4823 190.0	4823 190.0	4823 190.0	4823 190.0	4823 190.0	4972 195.7
Clearance at 45° Dump	mm	2909	2694	2844	2792	2577	2727	2733	2585
Maximum Lift*	in	114.5	105.8	112.0	109.9	101.5	107	107.6	107.6
Reach at 45° Dump Maximum Lift*	mm in	1002 39.4	1195 47.1	1042 41	1099 43.3	1292 51	1139 44.8	1234 48.6	1244 49.0
Reach at 45° Dump 2133 mm (84 in) Clearance*	mm in	1003 39.5	1195 47.0	1054 41.5	1045 41.1	1237 48.7	1096 43.2	1195 47.0	1257 49.5
Bottom Dump Clearance at 45°	mm	—	—	—	3182	3182	3182	—	—
Dump Maximum Lift	in	—	—	—	125.3	125.3	125.3	—	—
Bottom Dump Reach at 45°	mm	—	—	—	559	559	559	—	—
Dump Maximum Lift	in	—	—	—	22	22	22	—	—
Reach with Lift Arm Horizontal and Bucket Level	mm in	2099 87	2389 94	2171 85.5	2213 87.1	2503 98.5	2285 89.9	2361 93	2477 98
Overall Length – Bucket Level on Ground*	mm in	6121 241.0	6389 251.5	6194 243.8	6234 245.4	6502 256.0	6306 248.3	6385 251	6476 255
Digging Depth*	mm in	92 3.6	140 5.5	117 4.6	142 5.6	190 7.5	167 6.6	105 4.1	140 5.5
Full Dump at Maximum Lift*	deg	53	53	53	49	49	49	53	53
Carry Height*	mm in	548 21.6	548 21.6	548 21.6	548 21.6	548 21.6	548 21.6	548 21.6	548 21.6
Rackback at Carry*	deg	50	50	50	50	50	50	50	50
Rackback at Ground*	deg	43	43	43	43	43	43	43	43
Grading Angle Maximum*	deg	74	74	74	74	74	74	74	74
Static Tipping Load Minimum*##	kg lb	10 877 23,980	10 651 23,482	10 767 23,737	10 354 22,827	10 128 22,329	10 244 22,585	10 777 23,759	10 448 23,034
Breakout with Tilt Cylinders Level at Ground*	N lbf	164 616 37,007	150 709 33,880	150 709 33,880	143 920 32,354	133 176 29,939	133 176 29,939	155 441 34,945	137 021 30,804
Lift Capacity to Full Lift – Bucket Racked*	kg lb	6822 15,040	6596 14,542	6712 14,797	6314 13,920	6088 13,422	6204 13,677	6722 14,819	6393 14,094
Lift Capacity at Ground Line – Bucket Racked*	kg lb	12 157 26,801	11 931 26,303	12 047 26,559	11 649 25,681	11 423 25,183	11 539 25,439	12 057 26,581	11 728 25,856
Shipping Weight without Bucket**	kg lb	14 377 31,696	14 377 31,696	14 377 31,696	14 414 31,777	14 414 31,777	14 414 31,777	14 377 31,696	14 377 31,696
Operating Weight with Bucket###	kg lb	15 642 34,484	15 868 34,983	15 752 34,727	16 187 35,686	16 413 36,184	16 297 35,928	15 516 34,207	16 071 35,430

* SAE J732 JUN92.

** With 10% fuel. All other fluid compartments full. No operator, no bucket pins. Subtract 287 kg (633 lb) for machines not equipped with Tier 4 Final/Stage IV emissions reduction technology.

*** Eight bolt-on with replaceable tips.

Width at cutting edge.

Full fuel, 75 kg (165 lb) operator, standard machine. Subtract 287 kg (633 lb) for machines not equipped with Tier 4 Final/Stage IV emissions reduction technology.

§ Calculation based on 1720 kg/m³ (2,900 lb/yd³) of loose dirt.

963K Track Loader Specifications

Engine

Engine Model	Cat C7.1 ACERT	
Engine Power (Maximum)		
SAE J1995	168 kW	225 hp
ISO 14396	165 kW	221 hp
ISO 14396 (DIN)	224 hp	
Net Power (Rated)		
ISO 9249/SAE J1349	144 kW	193 hp
ISO 9249/SAE J1349 (DIN)	196 hp	
Bore	105 mm	4.13 in
Stroke	135 mm	5.31 in
Displacement	7.01 L	427.8 in ³

- Engine ratings at 1,800 rpm.
- No derating required up to 3000 m (9,842 ft) altitude.
- All nonroad Tier 4 Interim and Final, Stage IIIB and IV and Korea Tier 4 Final diesel engines are required to use only Ultra Low Sulfur Diesel (ULSD, containing 15 ppm sulfur or less). Biodiesel blends up to B20 (20% blend by volume) are acceptable when blended with 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.
- 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.

Drive System

Maximum Travel Speed	10 km/h	6.2 mph
Track Motor	Two, variable displacement, bent axis motors	
Drive System	Hydrostatic drive with infinite machine speeds to 10.0 km/h (6.2 mph)	
Drive Pump	Two, variable displacement, slipper-type axial piston pumps	
Track Motor	Two, variable displacement, bent axis motors	
Relief Valve Setting	47 500 kPa	6,890 psi

Undercarriage

Track Shoe Type	Double Grouser	
Track Shoe Width – Standard	550 mm	22 in
Track Shoe Width – Optional	450 mm	18 in
Track Shoe Width – Wide Gauge	800 mm	31 in
Track Rollers – Each Side	7	
Number of Shoes – Each Side	38	
Track on Ground	2542 mm	100 in
Ground Contact Area – Standard Shoe*	3.2 m ²	4,900 in ²
Ground Contact Area – Optional Shoe*	2.6 m ²	4,013 in ²
Ground Contact Area – Wide Gauge*	4.6 m ²	7,136 in ²
Ground Pressure ¹ – Standard Shoe*	62.9 kPa	9.1 psi
Ground Pressure ¹ – Optional Shoe*	76.9 kPa	11.1 psi
Ground Pressure ¹ – Wide Gauge*	48.4 kPa	7.0 psi
Ground Pressure – Standard Shoe*	62.0 kPa	9.0 psi
Ground Pressure – Optional Shoe*	75.8 kPa	11 psi
Ground Pressure – Wide Gauge*	47.8 kPa	6.9 psi
Grouser Height – Double Grouser	42 mm	1.65 in
Track Gauge	1850 mm	72.8 in
Track Gauge – Wide Gauge	2100 mm	82.7 in
Link Pitch	202.8 mm	8.0 in

* ISO 16754:2008.

¹ Machine equipped with Tier 4 Final/Stage IV emissions reduction technology.

- Wide Gauge Arrangement available for lower ground pressure applications.
- Ground pressure is calculated using operating weight of machine with General Purpose bucket.

Service Refill Capacities

Fuel Tank	320 L	84.5 gal
Cooling System	32 L	8.45 gal
Crankcase (with filter)	16.5 L	4.4 gal
Final Drives (each)	15 L	4 gal
Hydraulic Tank	90 L	23.7 gal
Pivot Shaft	1.8 L	0.5 gal
DEF Tank	16 L	4.22 gal

Air Conditioning System

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 CO₂ equivalent of 1.573 metric tonnes.

963K Track Loader Specifications

Electrical System

Type	24V DC
Battery Capacity	1,120 CCA
Battery Voltage	24V
Battery Quantity	2
Alternator – 105 Amps	Heavy-Duty Brushless (Tier 4/Stage IV)
Alternator – 115 Amps	Heavy-Duty Brushless (Tier 3/Stage IIIA)

Weights (Tier 4 Final/Stage IV)

Operating Weight	20 308 kg	44,771 lb
Operating Weight – Wide Gauge	22 712 kg	50,071 lb
Operating Weight – Waste Handler	20 611 kg	45,439 lb
Shipping Weight	18 418 kg	40,604 lb
Shipping Weight – Wide Gauge	20 390 kg	44,952 lb
Shipping Weight – Waste Handler	18 572 kg	40,944 lb

- Operating Weight: Includes coolant, lubricants, 100% fuel tank, ROPS/FOPS cab, General Purpose bucket with long bolt-on teeth and segments and 75 kg (165 lb) operator.
- Shipping Weight: Includes coolant, lubricants, 10% fuel tank, ROPS/FOPS cab and no bucket.

Weights

Operating Weight	20 021 kg	44,138 lb
Operating Weight – Wide Gauge	22 425 kg	49,438 lb
Operating Weight – Waste Handler	20 322 kg	44,802 lb
Shipping Weight	18 131 kg	39,972 lb
Shipping Weight – Wide Gauge	20 103 kg	44,319 lb
Shipping Weight – Waste Handler	18 285 kg	40,311 lb

- Operating Weight: Includes coolant, lubricants, 100% fuel tank, ROPS/FOPS cab, General Purpose bucket with long bolt-on teeth and segments and 75 kg (165 lb) operator.
- Shipping Weight: Includes coolant, lubricants, 10% fuel tank, ROPS/FOPS cab and no bucket.

Buckets

Capacity – General Purpose	2.5 m ³	3.2 yd ³
Capacity – Performance Series	2.8 m ³	3.7 yd ³
Capacity – Multi-Purpose	2.0 m ³	2.6 yd ³
Capacity – Wide Flush	2.8 m ³	3.7 yd ³
Capacity – Landfill	3.1 m ³	4.1 yd ³
Bucket Width – General Purpose	2612 mm	102.8 in
Bucket Width – Performance Series	2712 mm	106.8 in
Bucket Width – Multi-Purpose	2575 mm	101.3 in
Bucket Width – Wide Flush	2998 mm	118.1 in
Bucket Width – Landfill	2612 mm	102.8 in

- Bucket equipped with teeth and segments.

Bucket Cycle Times

Lift	5.5 seconds
Power Down	3.7 seconds
Float Down	2.0 seconds
Dump at Maximum Height (from full rackback)	1.3 seconds
Rackback at Maximum Height (from full dump)	1.4 seconds

Hydraulic System – Implement

Type	Closed center, load sensing piston	
Output	230 L/min	60.8 gal/min
Main Relief Valve Setting	27 500 kPa	3,989 psi

Ripper Specifications

Type	Radial	
Number of Pockets	3	
Overall Width/Beam	1950 mm	76.7 in
Shank Cross Section	58.5 mm × 138 mm	50 in × 5.4 in
Ground Clearance	595 mm	23.4 in
Penetration	295 mm	11.6 in
Ripping Width	1836 mm	72.3 in
Cylinders – Bore	114.3 mm	4.5 in
Cylinders – Stroke	289 mm	11.3 in
Added Machine Length with Ripper in Transport Position	610 mm	24.0 in

963K Track Loader Specifications

Standards

ROPS/FOPS

- ROPS (Rollover Protective Structure) offered by Caterpillar for the machine meets ROPS criteria ISO 3471:2008.
- FOPS (Falling Object Protective Structure) meets ISO 3449-2005 Level II.

Brakes

- Brakes meet the standard ISO 10265:2008.

Sound and Vibration Information

- The declared dynamic operator sound pressure level when “ISO 6396:2008” is used to measure the value for an enclosed cab. The measurements were conducted at the maximum engine cooling fan speed. The sound level may vary at different engine cooling fan speeds. The cab was properly installed and maintained. The measurements were conducted with the cab doors and the cab windows closed.
NOTE: The dynamic operator sound pressure level uncertainty is ± 2 dB(A).

963K ¹	73 dB(A)
963K	74 dB(A)

- Hearing protection may be needed when the machine is operated with an open operator station for extended periods, in a noisy environment or with a cab that is not properly maintained.
- Sound Level Information for Machines in European Union Countries and in Countries that Adopt the “EU Directives”:
If equipped, the certification label is used to verify the environmental sound certification of the machine to the requirements of the European Union. The value that is listed on the label indicates the guaranteed exterior sound power level (L_{WA}) at the time of manufacture for the conditions that are specified in “2000/14/EC.”

963K ¹	111 dB(A)
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¹ Machine equipped with Tier 4 Final/Stage IV emissions reduction technology.

963K Track Loader Specifications

Operating Specifications

	General Purpose Bucket			Multi-Purpose Bucket			Flush Mounted Teeth	Performance Series Bucket	
	None	Long Teeth & Segments	Bolt-on Edge	None	Long Teeth & Segments	Bolt-on Edge	Long Teeth	Long Teeth & Segments	
Attachments on Bucket Cutting Edge									
Bucket Weight	kg lb	1508 3,324.5	1866 4,113.8	1721 3,794.1	1942 4,281.3	2236 4,929.5	2155 4,750.9	1619 3,569.2	1951 4,301.1
Rated Load Nominal Heaped§	kg lb	3958 8,721.4	4214 9,290.2	4214 9,290.2	3216 7,090	3388 7,469.2	3440 7,583.8	4214 9,290.2	4712 10,387
Rated Capacity Nominal Heaped	m ³ yd ³	2.3 3.0	2.45 3.2	2.45 3.2	1.9 2.4	2.0 2.6	2.0 2.6	2.45 3.2	2.8 3.66
Struck Capacity	m ³ yd ³	2.0 2.61	2.14 2.79	2.14 2.79	1.6 2.09	1.7 2.22	1.7 2.22	2.0 2.61	2.5 3.27
Bucket Width Overall*#	mm in	2508 98.7	2612 102.8	2539 99.9	2482 97.7	2575 101.3	2515 99	2583 101.6	2712 106.8
Teeth		none	***	none	none	***	none	***	***
Dimensions and Weights									
Overall Height	mm in	3325 130.9	3325 130.9	3325 130.9	3325 130.9	3325 130.9	3325 130.9	3325 130.9	3325 130.9
Overall Operating Height*	mm in	5402 212.6	5402 212.6	5402 212.6	5308 208.9	5308 208.9	5308 208.9	5402 212.6	5402 212.6
Clearance at 45° Dump	mm	3155	2915	3068	3000	2772	2909	2951	2840
Maximum Lift*	in	124.2	114.7	120.7	118.1	109.1	114.5	116.1	111.8
Reach at 45° Dump Maximum Lift*	mm in	1160 45.7	1373 54.1	1215 47.8	1079 42.5	1253 49.3	1119 44	1397 55	1298 51.1
Reach at 45° Dump 2133 mm (84 in) Clearance*	mm in	1784 70.2	1899 74.8	1806 71.1	1598 62.9	1650 65	1607 63.3	1940 76.4	1824 71.8
Bottom Dump Clearance at 45°	mm	—	—	—	3450	3450	3450	—	—
Dump Maximum Lift	in	—	—	—	135.8	135.8	135.8	—	—
Bottom Dump Reach at 45°	mm	—	—	—	627	627	627	—	—
Dump Maximum Lift	in	—	—	—	24.7	24.7	24.7	—	—
Reach with Lift Arm Horizontal and Bucket Level	mm in	2289 90.1	2604 102.5	2386 93.9	2346 92.4	2622 103.2	2447 96.4	2601 102.4	2604 102.5
Overall Length – Bucket Level on Ground*	mm in	6644 261.6	7001 275.6	6766 266.4	6758 266.1	7073 278.5	6880 270.9	6967 274.3	7107 279.8
Digging Depth*	mm in	80 3.1	138 5.4	115 4.5	161 6.3	209 8.2	191 7.5	95 3.7	138 5.4
Full Dump at Maximum Lift*	deg	53	53	53	43	43	43	53	53
Carry Height*	mm in	457 18	457 18	457 18	540 21.6	540 21.6	540 21.6	457 18	457 18
Rackback at Carry*	deg	50	50	50	52	52	52	50	50
Rackback at Ground*	deg	43	43	43	45	45	45	43	43
Grading Angle Maximum*	deg	63	63	63	63	63	63	63	63
Static Tipping Load Minimum*##	kg lb	14 969 33,001	14 462 31,883.1	14 685 32,375	14 487 31,938.3	14 124 31,138	14 208 31,323.3	14 815 32,661.5	14 377 31,696
Breakout with Tilt Cylinders Level at Ground*	N lbf	208 658 46,908	203 868 45,831	206 184 46,352	193 265 43,447	189 538 42,609	190 769 42,886	207 438 46,634	185 273 41,651
Lift Capacity to Full Lift – Bucket Racked*	kg lb	8803 19,407	8479 18,693	8609 18,979.57	8382 18,479	8152 17,972	8203 18,084.5	8703 19,186.8	8394 18,505
Lift Capacity at Ground Line – Bucket Racked*	kg lb	18 574 40,948.6	18 655 41,127	19 031 41,956	18 559 40,915.5	17 888 39,436.2	18 082 39,863.9	19 300 42,549	18 570 40,940
Shipping Weight without Bucket**	kg lb	18 418 40,605	18 418 40,605	18 418 40,605	18 473 40,726	18 473 40,726	18 473 40,726	18 418 40,605	18 418 40,605
Operating Weight with Bucket##	kg lb	20 308 44,771	20 668 45,565	20 509 45,215	20 786 45,825	21 051 46,410	20 987 46,268	20 408 44,992	20 753 45,753

* SAE J732 JUN92.

** With 10% fuel. All other fluid compartments full. No operator, no bucket pins. Subtract 287 kg (633 lb) for machines not equipped with Tier 4 Final/Stage IV emissions reduction technology.

*** Eight bolt-on with replaceable tips.

Width at cutting edge.

Full fuel, 75 kg (165 lb) operator, standard machine. Subtract 287 kg (633 lb) for machines not equipped with Tier 4 Final/Stage IV emissions reduction technology.

§ Calculation based on 1720 kg/m³ (2,900 lb/yd³) of loose dirt.

Standard Equipment

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

POWER TRAIN

- Cat C7.1 ACERT diesel engine, turbo charged with Air-To-Air After Cooler (ATAAC)
- Modular cooling system for engine air intake, oil and water
- Radiator fan, electronically controlled, hydraulically driven, temperature sensing, on demand
- Electro Hydrostatic Control (EHC) for transmission with travel and work modes
- Engine idle shutdown
- Auto engine speed control
- Electric fuel pump
- Water separator
- Air cleaner dry-type, axial seal with integral precleaner and dust ejection system, electronic filter condition indicator
- Starting aid, glow plug
- Caterpillar extended life coolant

UNDERCARRIAGE

- Caterpillar heavy duty undercarriage:
 - 953K (37 sections), 1836 mm (72.3 in) track gauge
 - 963K (38 sections), 1850 mm (72.8 in) track gauge
- Track guiding guards, end section
- Track adjuster, hydraulic
- Sprocket rims, with replaceable bolt-on tough steel segments
- Guards, sprocket
- Six track rollers per side (953K)/seven track rollers per side (963K), with two upper carrier rollers, lifetime lubricated
- Idlers, conventional type, lifetime lubricated
- Oscillating track roller frames

ELECTRICAL

- Alternator, 24V, heavy duty brushless
- Backup alarm
- Electric horn
- Two heavy duty batteries, high output, maintenance free:
 - 953K, 900 CCA
 - 963K, 1,120 CCA
- Switch, main disconnect
- Starter, electric (heavy duty, 24V)

OPERATOR ENVIRONMENT

- Pressurized, sound suppressed, ROPS/FOPS cab with tinted glass and right side sliding window
- Air conditioning and heating
- Heater/defroster with automatic temperature control
- Seat, fabric-covered, air suspended, adjustable
- Adjustable armrests
- Electro hydraulic, seat mounted control levers with faster processing
- Seat belt, retractable, with buckling indicator on dash
- Electronic Monitoring System with gauges for:
 - Engine coolant temperature
 - Hydraulic oil temperature
 - Fuel level
 - Engine oil pressure
 - Diesel Exhaust Fluid level (when equipped)
- Engine RPM and gear display
- Hour meter, electronic
- Throttle switch rotary with Eco Mode

- Center brake pedal
- Independent forward/reverse speed range settings
- Travel speed limiter, electronic
- Mirror, rearview, inside, adjustable
- Radio ready. Includes 24V to 12V converter, speakers, antenna and 12V power outlet
- Coat hook
- Storage compartments under left armrest
- Document holder on right console
- Floor mat, rubber, heavy duty
- Windshield washers and wipers, multiple speed front and rear
- Durable metal roof
- Parking brake switch and “brake-on” indicator light
- Fender

OTHER STANDARD EQUIPMENT

- Sound suppression, exterior
- Z-bar loader linkage
- Load sensing variable displacement implement pump
- Implement cylinders with sensors
- Operator programmable lift and tilt kickouts
- Engine enclosure with lockable doors
- Radiator core 6.5 fins-per-inch, debris resistant
- Hinged radiator guard and swing out fan
- Full bottom guards
- Ecology drains on hydraulic oil tank
- Product Link ready
- Oil sampling valves
- Cat XT™ hoses
- HYDO™ Advanced 10

953K Optional Equipment

Optional Equipment

Optional equipment may vary. Consult your Cat dealer for details.

POWER TRAIN

- Cat C7.1 ACERT diesel engine with engine mounted aftertreatment to meet U.S. EPA Tier 4 Final/EU Stage IV/ Korea Tier 4 Final emission standards
- OR
- Cat C7.1 ACERT diesel engine to meet China Nonroad Stage III, India Bharat III, Eurasian Economic Union Stage IIIA UN ECE R96 Stage IIIA emission standards, equivalent to Tier 3/Stage IIIA (available mid-2018)
- Demand fan, reversing
- Air inlet, precleaner, turbine
- Transmission control, V-lever or joystick

OPERATOR ENVIRONMENT

- Standard cab with four halogen lights (two forward-facing roof mounted, two rear-facing integrated into air conditioning unit)
- Deluxe cab with sliding windows, Bluetooth® radio microphone, eight LED lights (four forward-facing, two sideways facing, two rear-facing integrated into air conditioning unit)
- Seat, cloth, air suspension, no side-to-side isolator
- Seat, cloth, air suspension, heated, side-to-side isolator
- Radio, AM/FM/AUX/USB/Bluetooth
- Easy access package (grab irons and steps)
- Cab air precleaner
- Front light guards
- Windshield protection

HYDRAULICS

- Hydraulic oil, biodegradable
- Hydraulic oil, EcoSafe (Steel Mill Arrangement)
- Hydraulics Packages
 - General Purpose
 - Two-valve, joystick
 - Three-valve, joystick
 - Two-valve, two levers
 - Three-valve, two levers
 - Multi-Purpose
 - Three-valve, joystick
 - Four-valve, joystick

FUEL SYSTEMS

- Fast fill fuel tank
- Fuel tank refueling pump

UNDERCARRIAGE

- Idler guard
- Idler guard, ship hold
- Full length track roller guard
- Full length track roller guard, heavy duty
- Track Groups (37 sections)
 - Heavy Duty Track Groups
 - 380 mm (15 in) double grouser
 - 380 mm (15 in) double grouser, sealed
 - 480 mm (19 in) double grouser
 - 480 mm (19 in) double grouser, center hole
 - 800 mm (31 in) double grouser
 - SystemOne™ Track Groups
 - 380 mm (15 in) double grouser
 - 480 mm (19 in) double grouser

BUCKETS

- General Purpose
 - 1.7 m³ (2.2 yd³), flush
 - 1.8 m³ (2.4 yd³)
 - 1.8 m³ (2.4 yd³), full edge
 - 1.8 m³ (2.4 yd³), heavy duty
 - 2.1 m³ (2.7 yd³), Performance Series
- Multi-Purpose
 - 1.6 m³ (2.1 yd³)
- Wide
 - 2.2 m³ (2.9 yd³), flush
- Landfill
 - 2.3 m³ (3.0 yd³)
 - 2.1 m³ (2.7 yd³), heavy duty

STARTERS, BATTERIES AND ALTERNATORS

- Cold weather package, 120V – two 12V batteries (1,400 CCA), 120V engine coolant heater, ether starting aid
- Antifreeze –50° C (–58° F)

OTHER ATTACHMENTS

- Counterweight, light, 230 kg (507 lb)
- Counterweight, additional, 220 kg (485 lb)
- Ripper, multi-shank
- Hitch, ripper
- Striker bars, rear
- Additional work tools
 - Fusion Quick Coupler
 - Blades
 - Forks
 - Material handling arms
 - Rakes
 - Trim blade or two-way dozer

ELECTRICAL

- Rotating beacon

MAINTENANCE AND RELATED ATTACHMENTS

- Fuel tank sediment pump
- High speed oil change system
- Service package, extended
 - Manual hydraulic system enabling cab tilt and lock at 30 degrees safely in the field
 - Windshield, sealed
 - Shovel holder (shovel not included)

TECHNOLOGY PRODUCTS

- Product Link – Satellite
- Product Link – Cellular
- Grade Control receiver mast

SPECIAL ARRANGEMENTS

- Waste Package, Heavy Duty
- Waste Package, Heavy Duty, Enhanced Cleaning
- Ship Hold Package, Heavy Duty
- Partial Steel Mill Package, Heavy Duty
- Low Ground Pressure Package, Heavy Duty

Optional Equipment

Optional equipment may vary. Consult your Cat dealer for details.

POWER TRAIN

- Cat C7.1 ACERT diesel engine with twin turbocharger and engine mounted aftertreatment to meet U.S. EPA Tier 4 Final/EU Stage IV/Korea Tier 4 Final emission standards
- OR
- Cat C7.1 ACERT diesel engine to meet China Nonroad Stage III, India Bharat III, Eurasian Economic Union Stage IIIA UN ECE R96 Stage IIIA emission standards, equivalent to Tier 3/Stage IIIA
- Demand fan, reversing
- Air inlet, precleaner turbine
- Transmission control, V-lever or joystick

OPERATOR ENVIRONMENT

- Standard cab with four halogen lights (two forward-facing roof mounted, two rear-facing integrated into air conditioning unit)
- Deluxe cab with sliding windows, Bluetooth radio microphone, eight LED lights (four forward-facing, two sideways facing, two rear-facing integrated into air conditioning unit)
- Seat, cloth, air suspension, no side-to-side isolator
- Seat, cloth, air suspension, heated, side-to-side isolator
- Radio, AM/FM/AUX/USB/Bluetooth
- Easy access package (grab irons and steps)
- Cab air precleaner
- Lights, additional guarded
- Windshield protection

HYDRAULICS

- Hydraulic oil, biodegradable
- Hydraulic oil, EcoSafe (Steel Mill Arrangement)
- Hydraulics Packages
 - General Purpose
 - Two-valve, joystick
 - Three-valve, joystick
 - Two-valve, two levers
 - Three-valve, two levers
 - Multi-Purpose
 - Three-valve, joystick
 - Four-valve, joystick

FUEL SYSTEMS

- Fast fill fuel tank
- Fuel tank refueling pump

UNDERCARRIAGE

- Idler guard
- Idler guard, ship hold
- Final drive abrasion guard, two-piece
- Final drive abrasion guard, three-piece
- Full length track roller guard
- Track Groups (38 sections)
 - Heavy Duty Track Groups
 - 430 mm (17 in) triple grouser, sealed
 - 450 mm (18 in) double grouser, narrow
 - 450 mm (18 in) double grouser, center hole
 - 460 mm (18 in) single grouser, sealed and lubricated, center hole
 - 550 mm (22 in) double grouser
 - 550 mm (22 in) double grouser, center hole
 - 560 mm (22 in) single grouser, extreme service
 - 800 mm (31 in) double grouser
 - SystemOne Track Groups
 - 450 mm (18 in) double grouser, narrow
 - 550 mm (22 in) double grouser

BUCKETS

- General Purpose
 - 2.3 m³ (3.0 yd³), flush
 - 2.5 m³ (3.2 yd³)
 - 2.5 m³ (3.2 yd³), full edge
 - 2.5 m³ (3.2 yd³), heavy duty
 - 2.8 m³ (3.7 yd³), Performance Series
- Multi-Purpose
 - 2.0 m³ (2.6 yd³)
 - 2.0 m³ (2.6 yd³), heavy duty
 - 2.7 m³ (3.5 yd³), landfill, heavy duty
- Wide
 - 2.8 m³ (3.7 yd³)
- Landfill
 - 3.1 m³ (4.1 yd³), heavy duty

STARTERS, BATTERIES AND ALTERNATORS

- Engine coolant heater, 120V
- Engine coolant heater, 240V
- Cold weather package, 120V – two 12V batteries (1,400 CCA), 120V engine coolant heater, ether starting aid*
- Cold weather package, 240V – two 12V batteries (1,400 CCA), 240V engine coolant heater, ether starting aid*
- Antifreeze –50° C (–58° F)

OTHER ATTACHMENTS

- Counterweight, light, 325 kg (716 lb)
- Counterweight, additional, 305 kg (672 lb)
- Ripper, multi-shank
- Hitch, ripper
- Striker bars, rear
- Additional work tools
 - Fusion Quick Coupler
 - Blades
 - Forks
 - Material handling arms
 - Rakes

GUARDS

- Lift cylinder guards
- Tilt cylinder guards

ELECTRICAL

- Rotating beacon

MAINTENANCE AND RELATED ATTACHMENTS

- Fuel tank sediment pump
- High speed oil change system
- Service package, extended
 - Manual hydraulic system enabling cab tilt and lock at 30 degrees safely in the field
 - Windshield, sealed
 - Shovel holder (shovel not included)

TECHNOLOGY PRODUCTS

- Product Link – Satellite
- Product Link – Cellular
- Grade Control receiver mast

SPECIAL ARRANGEMENTS

- Waste Package, Heavy Duty
- Waste Package, Heavy Duty, Enhanced Cleaning
- Ship Hold Package, Heavy Duty
- Partial Steel Mill Package, Heavy Duty
- Low Ground Pressure Package, Heavy Duty

*Tier 4 Final/Stage IV machines only

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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(Global, except Japan)

