973K
Track Loader

Engine		
Engine Power (Maximum)		
SAE J1995	231 kW	310 hp
ISO 14396	228 kW	306 hp
ISO 14396 (DIN)		310 hp

Weights		
Operating Weight	28 985 kg	63,900 lb
Operating Weight – Waste Handler	29 175 kg	64,319 lb
Operating Weight – Wide Gauge	32 304 kg	71,218 lb
Operating Weight – Steel Mill	32 705 kg	72,102 lb

973K Features

Fuel Efficiency
*A more fuel efficient Cat® C9.3 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 the 973D.*

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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, Steel Mill and Low Ground Pressure 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.

Efficiency and Performance

Designed to get the job done

Efficient Power

Cat C9.3 ACERT engine provides reliable power and more torque at lower engine speed for faster machine response under load.

Reduce fuel use by 10-25 percent with the more efficient engine and Eco Mode that automatically reduces engine speed, but maintains selected ground speed under lighter loads.

Hydrostatic Drive

Enjoy smoother implement/steering response and improved steering performance over the 973D. The electronically controlled hydrostatic drive puts power to the ground more efficiently, giving you fast acceleration and shorter cycle times. Variable displacement pumps and drive motors power each track independently, delivering fast acceleration and infinitely variable speed, smooth turns and counter-rotation.

Hydraulics

Field-proven Load Sensing Hydraulics continuously adjust to maximize your efficiency, offering precise control and reliable power for simultaneous lift, tilt and travel.

Position Sensing Cylinders let you set lift and tilt kickouts for precise load and dump targets using a button in the cab. Linkage can be automatically set to specific positions, and advanced automatic features help make start/stop motions smoother, reducing vibration in the cab.

Cooling System

Single unit cooling system features 6.5 fins per inch to reduce plugging and a simple side-by-side design that reduces debris and makes cleaning easier.

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, and a low speed fan is available to help prevent over-cooling in cold climates.

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, and a rearview camera enhances safety. 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 the 973D.

Operator Environment

Comfort and productivity

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.

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, the 973K typically has 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.

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.
- **Quick Coupler** option adds versatility by allowing easy use of forks, buckets, etc. from wheel loaders and other machines.

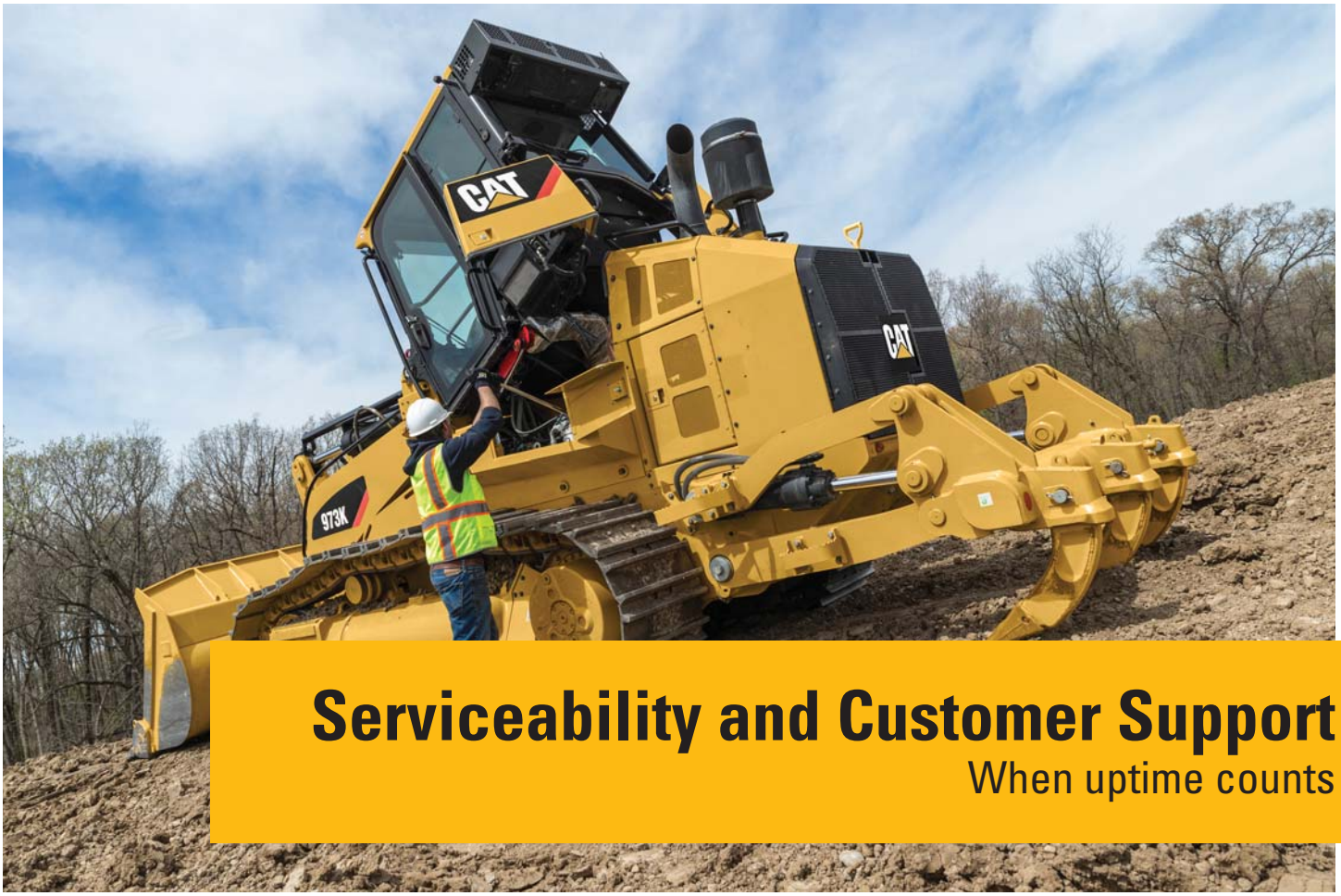
Undercarriage

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



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 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.

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.*

Steel Mill Package

High temperature performance

Factory designed and installed features equip your loader for the extreme heat and harsh conditions of steel mill work. Maneuverability, visibility and the breakout force needed for fast cycle times make track loaders a rugged and efficient choice for handling slag.

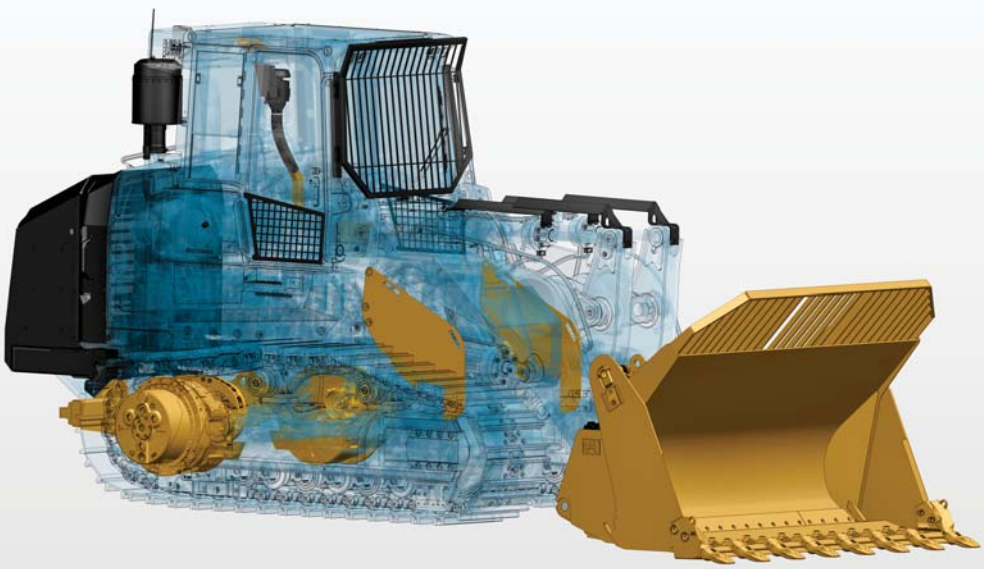
- Specialized heavy duty guarding, insulation, thermal deflectors and high temperature seals throughout the machine.
- Welded side bars reduce thermal distortion of the track roller frame.
- Anti-abrasion guards protect the final drive seals.
- Pressure relief/flash spark arrester on fuel tank cap.
- Steel mill cab with heavy duty, laminated windshield glass.
- Metallic screen on windshield grill to help protect glass and maintain good visibility; hinged for quick cleaning access.
- Metallic shield at bottom of cab doors helps protect windows against slag.
- Specialized heat resistant seals and cab materials.
- Steel plate on top of cab greatly reduces radiant heat transfer into cab.
- High capacity slag bucket reduces cycle times and has larger teeth for longer life.
- Choice of track shoes lets you optimize your loader for traction and to work on paved surfaces.
- Synthetic, fire-resistant hydraulic fluid.

Steel Mill Operating Recommendations

Caterpillar recommends that Steel Mill machines be exposed to hot slag for less than 15 minutes each hour to allow for adequate cooling time between cycles. Typically, two machines per furnace and a backup machine for the site provide the best uptime. The timing, frequency and duration of the work and cooling cycles varies by job site, but exceeding the recommended exposure time will prevent the machine from meeting expected performance levels.

Waste Handler
Designed for durability

- 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.
- Bars help protect windshield and operator from breakage and debris. New cab door guards offer added protection.
- Cooling system is designed for high debris environments and easy cleanout access.
- Specialized air handling features deliver cleaner air to the machine and cab.
- Laminated thermal shields and insulated clean emission module.
- 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.
- Extreme Service package provides even more guarding to equip the machine for tougher work like demolition and transfer station.
- Enhanced Cleaning Package reduces cleaning time with a wide gauge undercarriage and standard shoes to allow debris to pass through more easily.



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.
- 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.

Note: Ship hold package available by custom order. Please consult your Cat dealer for availability.

973K Track Loader Specifications

Engine

Engine Model	Cat C9.3 ACERT	
Emissions	Tier 4 Final/Stage IV/ Korea Tier 4 Final	
Engine Power (Maximum)		
SAE J1995	231 kW	310 hp
ISO 14396	228 kW	306 hp
ISO 14396 (DIN)		310 hp
Net Power (Rated)		
ISO 9249/SAE J1349	205 kW	275 hp
ISO 9249/SAE J1349 (DIN)		278 hp
Bore	115 mm	4.5 in
Stroke	149 mm	5.9 in
Displacement	9.3 L	567 in^3

- Engine ratings at 1,800 rpm.
- No derating required up to 2164 m (7,200 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) with 15 ppm (mg/kg) of sulfur or less, or up to B20 biodiesel 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	11 km/h	6.8 mph
Type	Hydrostatic drive with infinite machine speeds up to 11 km/h (6.8 mph)	
Drive Pump	Two, variable displacement, slipper type axial piston pumps	
Track Motor	Two, variable displacement, bent axis piston motors	
Maximum System Pressure	45 000 kPa	6,527 psi

Undercarriage

Track Shoe Type	Double Grouser, Extreme Service	
Track Shoe Width – Standard	550 mm	21.6 in
Track Shoe Width – Optional	675 mm	26.6 in
Track Shoe Width – Wide Gauge	830 mm	32.7 in
Track Rollers – Each Side	7	
Number of Shoes – Each Side	40	
Track on Ground	2930 mm	115.3 in
Ground Contact Area (ISO 16754:2008)		
Standard Shoe – 550 mm (21.6 in)	3.66 m^2	5,673 in^2
Optional Shoe – 675 mm (26.6 in)	4.49 m^2	6,960 in^2
Wide Gauge – 830 mm (32.7 in)	5.53 m^2	8,572 in^2
Ground Pressure* (ISO 16754:2008)		
Standard Shoe – 550 mm (21.6 in)	77.6 kPa	11.3 psi
Optional Shoe – 675 mm (26.6 in)	64.4 kPa	9.3 psi
Wide Gauge – 830 mm (32.7 in)	57.3 kPa	8.3 psi
Grouser Height – Double Grouser	49 mm	1.9 in
Track Gauge	2160 mm	85 in
Link Pitch	215.9 mm	8.5 in

* Calculated using operating weight with GP bucket, teeth and segments.

Service Refill Capacities

Fuel Tank	384 L	101.5 gal
Cooling System	44 L	11.6 gal
Crankcase (with filter)	26 L	6.9 gal
Final Drives (each)	28.5 L	7.5 gal
Hydraulic Tank	349 L	92.2 gal
Pivot Shaft	3 L	0.8 gal
DEF Tank	35 L	9.2 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 1.9 kg of refrigerant which has a CO_2 equivalent of 2.717 metric tonnes.

Electrical System

Type	24V DC
Battery Capacity	1,400 CCA
Battery Voltage	12
Battery Quantity	2
Alternator	95 Amp, Heavy-Duty, Brushless

Weights

	Operating Weight		Shipping Weight	
Standard	28 985 kg	63,900 lb	26 520 kg	58,466 lb
Waste Handler	29 175 kg	64,319 lb	26 710 kg	58,884 lb
Wide Gauge	32 304 kg	71,218 lb	29 683 kg	65,303 lb
Steel Mill	32 705 kg	72,102 lb	28 621 kg	63,097 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		Width	
General Purpose	3.2 m^3	4.2 yd^3	2974 mm	117 in
Performance Series	3.8 m^3	5.0 yd^3	2982 mm	117 in
Multi-Purpose	3.0 m^3	4.0 yd^3	2946 mm	116 in
Landfill	4.9 m^3	6.4 yd^3	2974 mm	117 in
Slag	3.0 m^3	4.0 yd^3	2846 mm	112 in

Bucket Cycle Times

Lift	6.2 seconds
Power Down	4.0 seconds
Float Down	2.0 seconds
Dump at Maximum Height (from full rackback)	1.8 seconds
Rackback at Maximum Height (from full dump)	2.8 seconds

Ripper Specifications

Type	Parallelogram	
Number of Pockets	3	
Overall Width/Beam	2200 mm	86.6 in
Shank Cross Section	74 × 175 mm	2.9 × 6.9 in
Ground Clearance	888 mm	35.0 in
Penetration	397 mm	15.6 in
Ripping Width	1840 mm	72.4 in
Penetration Force at Ground Level	100 kN	22,500 lbf
Cylinders – Bore	130 mm	5.1 in
Cylinders – Stroke	236 mm	9.3 in
Added Machine Length with Ripper in Transport Position	586 mm	23.1 in
Ramp Angle	28.5 degrees	
Ripper Weight (with three shanks)	1700 kg	3,748 lb

Hydraulic System – Implement

Type	Closed Center Load Sensing	
Output	379 L/min	100 gal/min
Relief Valve Setting	27 500 kPa	3,988 psi

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 80% of 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).

973K[1]	75 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.
- The guaranteed exterior sound power level (L_{WA}) is measured according to the dynamic test procedures and the conditions that are specified in "ISO 6395:2008." The measurements were conducted at 80% of the maximum engine cooling fan speed. The sound level may vary at different engine cooling fan speeds.

973K[1]	110 dB(A)

- 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."

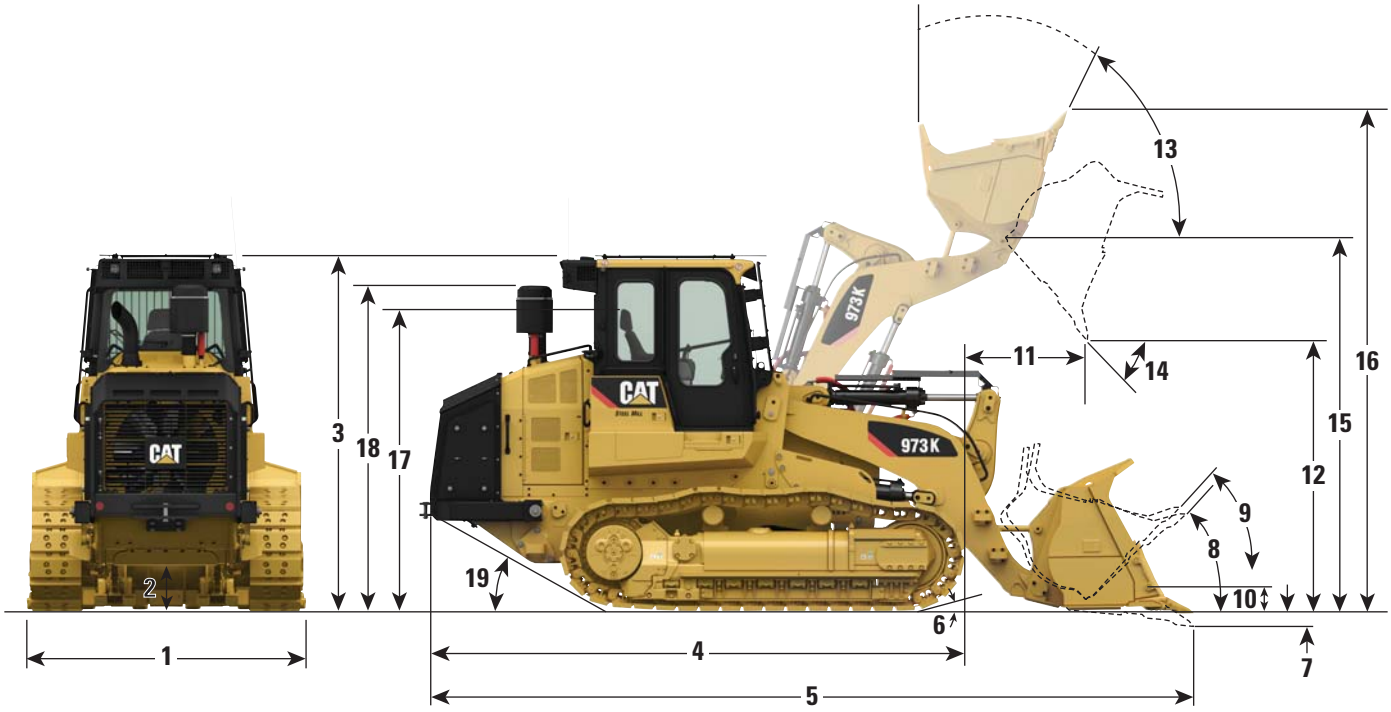
973K[1]	111 dB(A)

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

973K Track Loader Specifications

Dimensions

All dimensions are subject to change without notice.



1	Overall Machine Width without Bucket:		
	With Standard Tracks – 550 mm (21.6 in) Shoes	2710 mm	106.7 in
	With Tracks – 675 mm (26.6 in) Shoes	2835 mm	111.6 in
	With Wide Gauge Tracks – 830 mm (32.7 in) Shoes	3145 mm	123.8 in
2	Ground Clearance	469 mm	18.5 in
3	Machine Height to Top of Cab	3510 mm	138.2 in
4	Length to Front of Track	5323 mm	209.6 in
5	Overall Machine Length*	7579 mm	298.4 in
6	Carry Position Approach Angle	15°	
7	Digging Depth*	158 mm	6.2 in
8	Maximum Rollback at Ground	43°	
9	Maximum Rollback in Carry Position	47°	
10	Bucket Height in Carry Position	483.5 mm	19 in
11	Reach at Full Lift Height and 45° Dump*	1366 mm	53.8 in
12	Clearance at Full Lift Height and 45° Dump*	2952 mm	116.2 in
13	Maximum Rollback, Fully Raised	59°	
14	Maximum Dump, Fully Raised	49°	
	Grading Angle	85°	
15	Height to Bucket Hinge Pin	4218 mm	166.1 in
16	Overall Machine Height, Bucket Fully Raised	5752 mm	226.5 in
17	Height to Top of the Seat with Headrest	2988 mm	117.6 in
18	Height to Top of the Stack	3069 mm	120.8 in
19	Ramp Angle	29°	

*With General Purpose bucket Performance with heavy duty teeth.

Dimensions vary with bucket. Refer to Operating Specifications chart.

Operating Specifications

					Performance Series	
		General Purpose Bucket	Multi-Purpose Bucket	Flush Mounted Teeth	General Purpose Bucket	Flush Mounted Teeth
Attachments on Bucket Cutting Edge		Long Teeth & Segments	Long Teeth & Segments	Long Teeth	Long Teeth & Segments	Long Teeth
Bucket Weight	kg lb	2090 4,608	3453 7,612	1823 4,019	2627 5,793	2423 5,342
Rated Capacity Nominal Heaped	m^3 yd^3	3.2 4.2	3.0 4.0	3.0 4.0	3.8 5.0	3.6 4.7
Rated Capacity 110% Fill Factor	m^3 yd^3	— —	— —	— —	4.2 5.5	4.0 5.5
Bucket Width Overall*#	mm in	2974 117	2946 116	2990 118	2982 2,990	117 118
Teeth		**	**	**	**	**
Machine Dimensions and Weights						
16† Overall Operating Height*	mm in	5667 223	5918 233	5667 223	5752 226	5752 226
12† Clearance at 45° Dump Maximum Lift*	mm in	2994 118	2820 111	3024 119	2952 116	3002 118
11† Reach at 45° Dump Maximum Lift*	mm in	1324 52	1261 50	1327 52	1366 54	1416 56
Reach with Lift Arm Horizontal and Bucket Level	mm in	2760 109	2929 115	2766 109	2819 111	2840 112
5† Overall Length – Bucket Level on Ground*	mm in	7520 296	7689 303	7520 296	7579 298	7600 299
7† Digging Depth*	mm in	147 6	258 10	117 5	158 6	128 5
14† Full Dump at Maximum Lift*	deg	49	48	49	49	49
10† Carry Height*	mm in	353 13.9	353 13.9	353 13.9	353 13.9	353 13.9
9† Rackback at Carry*	deg	46	47	46	46	46
8† Rackback at Ground*	deg	41	43	41	41	41
Static Tipping Load Minimum*##	kg lb	23 057 50,832	21 694 47,827	23 324 51,420	22 520 49,648	22 724 50,098
Breakout with Tilt Cylinders Level at Ground*	N lbf	239 715 53,888	189 472 42,593	265 584 59,703	221 696 49,837	241 184 54,218
Operating Weight with Bucket##	kg lb	28 985 63,900	30 348 66,905	28 718 63,312	29 522 65,084	29 318 64,634

*SAE J732 JUN92.

**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.

†See corresponding illustration on dimension chart.

973K Standard Equipment

Standard Equipment

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

POWER TRAIN

- Cat C9.3 ACERT diesel engine
- Engine mounted aftertreatment to meet Tier 4 Final/Stage IV/Korea Tier 4 Final emission standards
- Turbocharged with 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
- Fuel cooler
- Water separator
- Air cleaner dry-type, axial seal with integral precleaner and dust ejection system, electronic filter condition indicator
- Caterpillar extended life coolant

UNDERCARRIAGE

- Caterpillar heavy duty tracks
- Track guiding guards, end section
- Track adjuster, hydraulic
- Sprocket rims, with replaceable bolt-on tough steel segments
- Guards, sprocket
- Seven track rollers, two upper carrier rollers per track, lifetime lubricated
- Idlers, conventional type, lifetime lubricated
- Oscillating track roller frames
- Track master link

ELECTRICAL

- Alternator, 24 volt, heavy duty brushless
- Backup alarm
- Electric horn
- Two heavy duty batteries, high output, maintenance free, 1,400 CCA
- Switch, main disconnect
- Starter, electric (heavy duty, 24 volt)

OPERATOR ENVIRONMENT

- Pressurized, sound suppressed, ROPS/FOPS cab with sealed front windshield, tinted glass and right side sliding window
- Air conditioning and heating
- Heater/defroster with automatic temperature control
- Electro Hydraulic, seat mounted control levers
- Seat belt, retractable, with buckling indicator on dash
- Electronic Monitoring System with gauges for:
  - Engine coolant temperature
  - Hydraulic oil temperature
  - Fuel level
  - Diesel Exhaust Fluid level (when equipped)
- Mirror, rearview, inside adjustable
- Radio ready
  - Includes 24 to 12 volt converter, speakers, antenna and two 12V power outlets
- 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

OTHER STANDARD EQUIPMENT

- Sound suppression, exterior
- Z-bar loader linkage
- Load sensing variable displacement implement pump
- Implement cylinders with position 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
- Lift cylinder guards
- Oil gauge guard
- Product Link ready
- Oil sampling valves
- Cat XT™ hoses
- HYDO™ Advanced 10

Optional Equipment

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

POWER TRAIN
- Engine thermal shield
- Fan, basic
- Fan, reversing
- Fan, reversing, low speed
- Fan, reversing, Steel Mill
- Air inlet, precleaner turbine

OPERATOR ENVIRONMENT
- Cab
- Deluxe cab
- Steel Mill cab
- Seat, cloth, air suspension, no side-to-side isolator
- Seat, cloth, air suspension, heated, side-to-side isolator
- Transmission control, V-lever or joystick
- Visibility kit – single camera
- Visibility kit – double camera
- Radio, AM/FM/AUX/USB/Bluetooth®
- Cab air precleaner

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

GUARDS
- Tilt cylinder guards
- Guard, front lights
- Windshield protection
- Final drive abrasion guard
- Final drive abrasion guard, lower

ELECTRICAL
- Rotating beacon

UNDERCARRIAGE
- Track roller guard
- Track roller guard, Steel Mill
- Track Groups (40 sections)
  - Heavy Duty Track Groups – Sealed and Lubricated
    - 500 mm (19.7 in) double grouser, center hole
    - 510 mm (20.1 in) extreme service, single grouser, center hole
    - 550 mm (21.6 in) double grouser
    - 675 mm (26.6 in) double grouser
    - 675 mm (26.6 in) double grouser, center hole
    - 675 mm (26.6 in) single grouser, center hole
    - 830 mm (32.7 in) double grouser, wide gauge
  - Heavy Duty Track Groups – Sealed and Non-Lubricated – Steel Mill
    - 500 mm (19.7 in) double grouser
    - 500 mm (19.7 in) flat
    - 500 mm (19.7 in) triple grouser
    - 500 mm (19.7 in) alternate flat shoe

BUCKETS
- General Purpose
  - 3.0 m³ (4.0 yd³), welded flush adaptors
  - 3.2 m³ (4.2 yd³), pin on
  - 3.2 m³ (4.2 yd³), heavy duty, pin on
  - 3.2 m³ (4.2 yd³), heavy duty, full edge, pin on
  - 4.2 m³ (5.5 yd³), Performance Series
  - 4.0 m³ (5.2 yd³), Performance Series flush
- Multi-Purpose
  - 3.0 m³ (4.0 yd³), heavy duty, pin on
  - 3.0 m³ (4.0 yd³), pin on
- Wide
  - 4.2 m³ (5.5 yd³), Performance Series
- Landfill
  - 4.6 m³ (6.0 yd³), multi-purpose landfill, heavy duty, pin on
  - 4.9 m³ (6.4 yd³), general purpose landfill, heavy duty, pin on
- Steel Mill
  - 3.0 m³ (4.0 yd³), slag bucket

OTHER ATTACHMENTS
- Counterweight
- Counterweight, heavy duty bumper
- Ripper, multi-shank
- Hitch, ripper
- Striker bars, rear
- Bumper, standard
- No bumper
- Rear step, standard
- Rear step, ripper
- Additional work tools (please consult your Cat dealer for ordering information)
  - Quick coupler
  - Blades
  - Forks
  - Material handling arms
  - Rakes

STARTERS, BATTERIES AND ALTERNATORS
- Engine coolant heater, 120V
- Engine coolant heater, 240V

MAINTENANCE AND RELATED ATTACHMENTS
- Maintenance package, deluxe
- High speed oil change
- Sediment pump
- Fuel tank refueling pump
- Service package, standard
- Locking bar that holds cab at 30 degrees safely, front windshield
- Service package, extended
  - Manual hydraulic system enabling cab tilt and lock at 30 degrees safely in the field
  - Shovel holder (shovel not included)
- Antifreeze –50° C (–58° F)

TECHNOLOGY PRODUCTS
- Product Link – Satellite
- Product Link – Cellular
- Grade control mast

SPECIAL ARRANGEMENTS
- Waste Package, Heavy Duty
- Waste Package, Heavy Duty, Enhanced Cleaning
- Waste Package, Extreme Service
- Ship Hold Package, Heavy Duty
- Steel Mill Package, Heavy Duty
- Low Ground Pressure Package – Heavy Duty

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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