

950K

Wheel Loader



Engine

Engine Model	Cat® C7.1 ACERT™	
Max Net Power (1,900 rpm) – ISO 9249	157 kW	211 hp
Max Net Power (1,900 rpm) – SAE J1349	157 kW	211 hp

Buckets

Bucket Capacities	2.50 to 9.20 m ³	3.25 to 12.00 yd ³
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Weights

Operating Weight	19 425 kg	42,811 lb
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- For 3.1 m³ (4.0 yd³) general purpose buckets with BOCE.

950K Key Features and Benefits

Optimized Z-bar Linkage

Development of the new optimized Z-bar linkage was done in conjunction with the Performance Series Buckets, Fusion™ coupler and Fusion™ family of work tools to ensure that all components function together to enhance visibility, performance and fuel efficiency.

Load Sensing Hydraulics

Load sensing hydraulics produce flow and pressure for the implement system upon demand and only in amounts necessary to perform the needed work functions, enhancing machine productivity and fuel efficiency.

Operator Environment

The new four post ROPS cab provides enhanced comfort, visibility, and productivity resulting in a more efficient operator. New features include automatic climate control, viscous mounts to reduce noise and vibration levels, post mounted membrane switches, and a convex windshield giving the operator a panoramic view.

Cat® C7.1 ACERT™ Engine

The innovative Cat C7.1 ACERT™ engine is optimized for maximum fuel efficiency and increased power density while meeting all Tier 4 Interim/Stage IIIB emissions requirements.

Torque Converter

Transfers more power to the ground and optimizes fuel efficiency in all applications.

Powershift Transmission

The K Series transmissions incorporate a new shifting strategy that delivers smoother shifts, faster acceleration, and increased travel speed when climbing a grade.

Fuel Efficiency

The 950K wheel loader has been integrated as a system; from the linkage and work tool carrying the payload, to the engine, transmission and torque converter moving the machine, the system has been optimized to achieve the lowest cost per ton.

Contents

Reliability	3
Durability	4
Productivity	5
Versatility	6
Operator Environment	8
Serviceability	10
Sustainability	11
Customer Support	11
Owning Costs	12
Operating Costs	13
Wheel Loader Specifications	14
Standard and Optional Equipment	34



The Cat® 950K was designed to improve operator comfort, performance, and productivity, all while meeting Tier 4 Interim/Stage IIIB emissions requirements. The Performance Series Buckets provide enhanced visibility and decreased cycle times. The unmatched, revolutionary world-class cab creates a comfortable, efficient, safe, and productive operator environment. The innovative Cat C7.1 ACERT™ engine is optimized for maximum fuel efficiency and increased power density while meeting all Tier 4 Interim/Stage IIIB emissions requirements. The reliability, durability, and versatility of the 950K result in a machine that is better built to meet your needs. All day. Every day.

Reliability

Tested and Proven. Ready to Work.

Structures

The K Series features many components which leverage product designs that have delivered a reliable and durable machine for generations.

Strata Precleaner

The system removes 93% of the dust particles before the air has reached the primary engine air filter. As air enters the precleaner, stationary vanes cause the incoming air to spin. The resulting centrifugal force spins dust and dirt to the outer walls where they are ejected out into the exhaust stream, while the clean air flows down the center of the tube and continues into the primary air filter. The primary benefit is extended filter life.

Cold Start/High Altitude Package

A new optional cold start package includes a fan pump bypass, transmission pump bypass, ether aid, and an engine heater plug/cord. The bypass systems reduce the parasitic load on the engine. With the new optional cold start package available on K Series, starting capability has been dramatically improved in cold weather conditions. The system also improves starting capability at high altitudes.

Monitoring Programs

Monitoring product health is key to maintaining reliability of any equipment. Many programs offered by Caterpillar make the tracking of the customer's machine health quick and easy. These programs include Product Link, VisionLink™, and S·O·SSM Services.

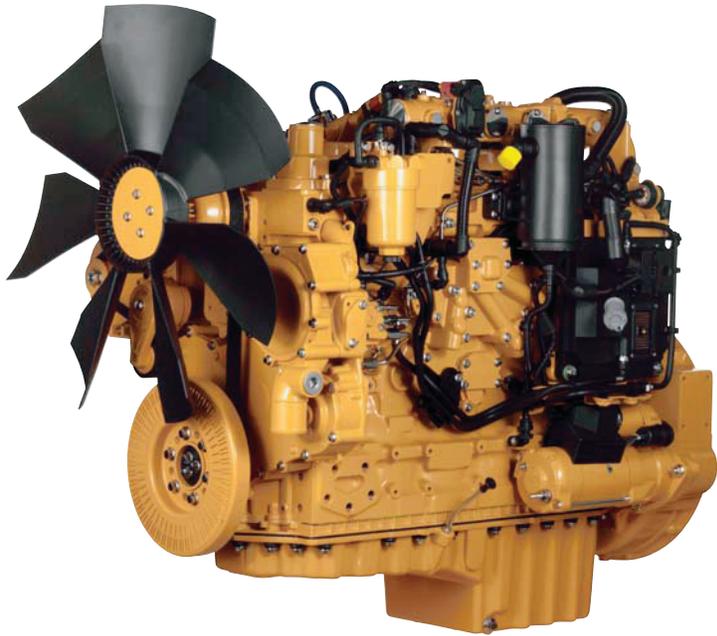
Renowned Cat Dealer Support

From helping you choose the right machine to knowledgeable support, Cat dealers provide the best when it comes to sales and service. Manage costs with preventive maintenance programs like Scheduled Oil Sampling (S·O·SSM) analysis or elaborate Customer Support Agreements. Stay productive with best-in-class parts availability. Cat dealers can even help you with operator training to help boost your profits. And when it's time for machine rebuild, your Cat dealer can help you save even more with Genuine Cat Reman parts. Receive the same warranty and reliability as new products at cost savings of 40 to 70 percent for power train and hydraulic components.



Durability

Better Built to Meet Your Needs



Frames

The robotically welded two-piece structural frame design provides a rugged and reliable foundation for the machine that improves stability, performance, and serviceability. A robust articulating hitch system joins the front and rear frames improving durability. Enhanced line routings across the hitch joint streamline the manufacturing process and improve reliability and durability.

Engine

The new Cat C7.1 ACERT™ engine was designed to optimize power density. It uses a combination of technologies to reduce regulated emissions while ensuring high performance and excellent fuel efficiency. An upgraded ADEM™ 4 electronic control module manages the combustion process and a new high-pressure common rail fuel system allows precise injection timing for a clean, efficient fuel burn. The rugged Cat Clean Emissions Module is securely rubber mounted on its own platform above the engine and contains a Diesel Oxidation Catalyst, Diesel Particulate Filter and Cat Regeneration System. Regeneration, the process by which soot is removed from the Diesel Particulate Filter, is completely automatic and does not interrupt the machine's work cycle.

Emissions

The 950K features a Cat C7.1 ACERT™ engine and a Cat Clean Emissions Module to deliver the performance and efficiency that customers demand, while meeting Tier 4 Interim/Stage IIIB emissions requirements. The six-cylinder electronic engine is turbocharged and aftercooled. ACERT™ Technology is a combination of building blocks that includes electronics, fuel systems, air management systems and aftertreatment components. The system is optimized based on engine size, the type of application and the geographic location in which it will work. The technologies are applied systematically and strategically to meet high customer expectations for productivity, fuel efficiency, reliability and service life.

Axles

The axles are designed to handle extreme applications resulting in reliable performance and extended life. The front axle is rigidly mounted to the frame in order to withstand internal torque loads and still maintain support for the wheel loader. The rear axle can oscillate to ± 13 degrees helping to ensure all four wheels stay on the ground providing stability even in the roughest terrain.





Productivity

Move More. All Day. Every Day.

Z-bar Linkage

Caterpillar engineers used an innovative systems integration approach to completely redesign the linkage system to meet customer needs in many applications. Development of the new optimized Z-bar linkage was done in conjunction with the Performance Series Buckets, Fusion™ coupler and Fusion™ family of work tools to ensure that all components function together to optimize visibility, performance and fuel efficiency. Visibility has been optimized by placing line routings and structural components out of the operator's sight lines. New parallel lift capabilities and a 30 to 60 percent increase in tilt force at maximum lift enhance performance and versatility.

Load Sensing Hydraulics

Load sensing hydraulics produce flow and pressure for the implement system upon demand and only in amounts necessary to perform the needed work functions, enhancing machine productivity and fuel efficiency. Implement controllability is improved through simultaneous implement operation and repeatable fine modulation, enabling greater operator comfort through ease of operation.

Ride Control

Ride control provides the operator with a smoother ride over rough terrain, enabling a more comfortable ride at higher speeds. The benefit is reduced cycle times higher productivity and better fuel efficiency while performing load and carry applications. The system works by using an accumulator to dampen the linkage motion, acting as a shock absorber.

Torque Converter

The 950K torque converter has been optimized to improve fuel efficiency and deliver more power to the ground.

Transmission

The K Series transmissions incorporate a new shifting strategy that delivers smoother shifts, faster acceleration, and better performance climbing a grade. When placing the transmission into forward gear, the machine will automatically start in second gear. With the further enhancement of a torque based 2 to 1 downshift, the downshift will only occur based on machine load. Owners and operators will fully benefit from utilizing the automatic 1-4 transmission mode, which results in lower fuel consumption and optimal machine performance.

Versatility

Work Tool Options to Meet Your Needs



Work Tools for Many Job Site Requirements

An extensive range of work tools and bucket styles are available for the 950K to customize these machines for your operation. The list includes: Performance Series Buckets (General Purpose, Material Handling, Rock); Specialty Buckets (Multi-Purpose, Side Dump, High Dump, Top Clamp, Waste Handling, Woodchip); Pallet Forks, Forestry Forks (Log and Lumber, Logging, Millyard, Unloading Grapple), Pipe and Pole Forks; Plows (angle or V-style); and Rakes (with or without top clamp).

Performance Series Buckets: Load Easy, Fuel Efficient, Carry More

Performance Series Buckets utilize a system-based approach to balance bucket shape with the machine's linkage, weight, lift and tilt capacities. Operators benefit from reduced dig times and better material retention; ultimately translating into significant productivity and fuel efficiency improvements.

Lower Operating Costs

Performance Series Buckets feature a longer floor that easily digs through the pile and provides excellent visibility for the operators to see when the bucket is full. Less time digging in the pile results in lower fuel consumption and improved tire life. A unique spill guard protects the cab and linkage components from material overflow.

Higher Productivity

Performance Series Buckets achieve higher fill factors – ranging from 100% to 115% depending on the machine application and material type. The buckets feature optimized geometry with a bucket opening matched to the machine's linkage and incorporate a curved side profile to maximize material retention. The optimized design results in unsurpassed production capabilities.

Unloading Grapple Fork

The new Unloading Grapple Fork is ideal for unloading and stacking timber. A rounded top clamp and frame open the interior profile of the fork, enabling larger capacity loads to be moved. Easy and gentle loading out of stacks is permitted by the short tines, while a large, broad clamp holds tight to short or long timber. Forks are available with a kick-out that unloads the fork even at full lift, enabling higher lumber stacking.

Fusion™ Quick Coupler

Improved Machine Performance

Fusion™ is the patented wheel loader coupler system from Caterpillar. The Fusion Coupler System provides performance virtually identical to pin on – with all the flexibility of a quick coupler system. The Fusion Coupler sits back, close-in to the loader arms – minimizing offset and increasing the machine's performance.

No Loss of Performance

Imagine lifting a hundred pound box with your arms fully extended. Now imagine lifting that same load close to your body. That's the genius of Fusion: designed to integrate the work tool and the machine by pulling the coupler and tool closer in to the loader. As a result, the center of gravity is moved inward, towards the machine. This translates to increased lifting ability when compared to machines equipped with other coupler systems.

Unsurpassed Durability

An advanced wedging mechanism creates a tight, rattle-free fit. This patented lock up system eliminates play and wear – resulting in a long service life. Wedges pull the attachment tight to the machine in two directions – in and down. Constant hydraulic pressure on the coupler wedges compensate for wear, assuring a tight fit through the life of the coupler. Tight fit gives better tool control and increased productivity. Coupler durability is substantially increased over traditional couplers.

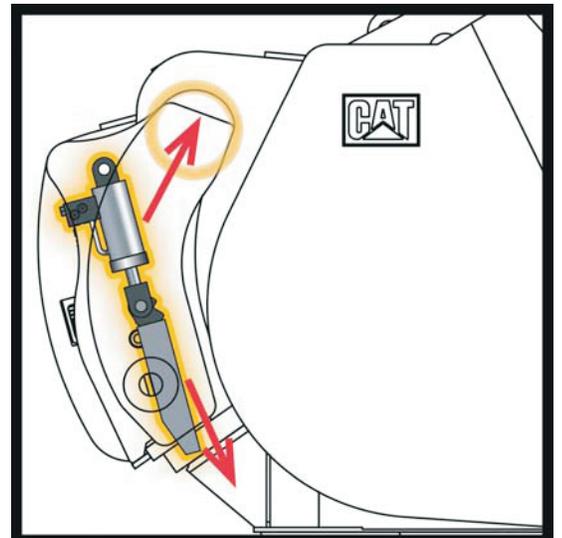
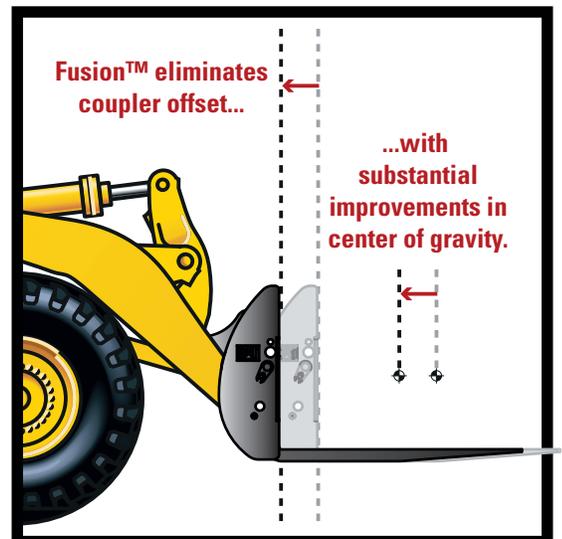
Increased Visibility

An open coupler frame design clears sight lines from the operator's seat, making it easier than ever before to engage and disengage attachments with certainty. Offset tines and other design changes to Fusion Pallet Forks, working in conjunction with the Fusion Coupler, increase visibility substantially at ground level and truck bed height when compared to traditional coupler and fork combinations.

Common Interface Compatibility

The Fusion Coupler System gives Cat customers one common interface – eliminating the need for many different couplers across the entire range of small and medium wheel loaders. This expanded machine compatibility not only allows one machine to use a range of work tools, but also allows one work tool to be picked up by machines of many different sizes.

The Fusion coupler interface is designed to work on 924 through 972 machines. Each machine will have its own optimal bucket and fork recommendations. However, cross-machine compatibility gives you additional flexibility and fleet options not found with any other wheel loader coupler.



Operator Environment

Safe. Comfortable. Efficient.



Conventional Steering

The conventional steering configuration offers a low-effort hand metering unit hydraulic steering system. Load sensing steering directs power through the steering system only when needed. The optional Command Control Steering is still offered on the 950K and is a load sensing system that links the steering wheel and frame angle positions to provide the proper amount of steering control. Full machine articulation is accomplished with a ± 70 degrees turn of the wheel versus two or three 360 degree turns on a conventional steering wheel.

Implement Controls (EH)

Seat mounted single axis implement control levers provide the operator with precise control of the work tool, all while moving with the seat for maximum comfort. In cab programmable kick-outs and automatic cylinder snubbing maximize operator comfort and productivity throughout their shift. Optional implement joysticks are available for 2V, 3V, and 4V hydraulics.

Seat

The Cat Optimized Seating System is 6-way adjustable to accommodate operators of all sizes. The seat has a one piece high back that supports the lumbar area of the back up through the shoulders. Both armrests are large and can be adjusted up, down, fore, and aft to enhance comfort and convenience. An optional feature for the cab seat is a heated backrest and cushion.

Automatic Climate Control and Air Quality

The new climate control system automatically adjusts the air temperature and fan speed to maintain the operator's preferred climate setting. The cab air filtration system recirculates 90% of the cab air and is now serviced from outside the cab, enabling maximum air quality and cab cleanliness. The new air conditioning sealing system keeps refrigerant contained preventing system shutdown. Combined together, the operator remains efficient and productive all shift long due to a sustainable work environment.

Information Display

The central display panel has a large text box, five analog like gauges, and LED warning indicators. The large text box provides in-language information about machine operation, feature activation and system troubleshooting and calibration. With the 5 large analog-type gauges the operator can easily identify if key systems are within normal operating range. A resettable trip totals function has been incorporated to display information for average fuel consumed, total fuel consumed, idle fuel, idle time, operating hours, odometer, etc.

Entry and Exit

Well-placed grab bars and a ladder inclination angle of 10-degrees forward makes the walk into the cab feel more like a staircase than a ladder. The new wider front hinged door can be opened and closed while seated, greatly improving ingress and egress. Two new left-hand and right-hand sliding windows can also be opened and closed with one hand while seated for comfortable communication to personnel on the ground.

Visibility

Visibility has been enhanced by adding a convex windshield and eliminating two cab posts. The cab has a clean and clear panoramic view to enhance safe operation of the machine. External rearview mirrors are mounted on the cab to provide all around visibility. The external mirrors fold horizontally to provide fast, safe access to clean the window from the front platform. Optional heated and powered mirrors are available to further improve visibility in cold climates.

Rearview Camera

With the new standard rearview camera, visibility is greatly enhanced. The camera is located in a pocket on the grill to protect it from damage and the elements. The camera can be set to activate only when the transmission is in reverse to help eliminate distractions in the cab, especially when in dark environments. Two rear work lights are located in the rear grill and can be activated to illuminate the area behind the machine in low light conditions.

Control Panels and Park Brake Switch

Two control panels located on the front right ROPS post consist of large membrane switches making them easy to activate while wearing gloves. The membrane switches contain LED's to denote activation/mode and have a positive feel and "click" to signal activation. The ISO symbols located on each membrane switch are molded all the way through to ensure the image will not wear off over time. A new "help" feature explains the function of each membrane switch. A two position rocker switch activates the electro-hydraulic park brake and is automatically applied upon machine shutdown.

Sound and Vibration

New viscous cab mounts connect the cab to the frame of the machine, decreasing noise and vibration the operator is subjected to. The result is a sustainable work environment and well-rested operator, remaining efficient and productive. All Day. Every Day.



Serviceability

Easy to Maintain. Easy to Service.



Electrical Service Center

The electrical service center provides grouped ground level access to numerous electrical features, enhancing safety and convenience for operators and service technicians. It is conveniently located beneath the left platform for access before entering the cab and contains the maintenance free batteries, a fuse relay panel, main disconnect switch, ground level engine shutdown switch, hood tilt switch, and the jump start receptacle.

Engine Access

The K Series retains the Cat sloped “one-piece” tilting hood, which has become one of our brand’s hallmarks and provides industry-leading access to the engine, Cat Clean Emissions Module (CEM) and other components but with fresh new styling clearly distinct from the H Series. New to the loaders is a rear clamshell hood design that allows quick access to the engine oil dipstick and fill, fuel fill port, and cooler cores.

Cooling System

The cooling system is readily accessible for clean out and maintenance. With six cooling fins per inch and a perforated grill, most airborne debris entering the system passes through the cooler cores. The cooler cores swing out providing easy access for cleaning; an option variable pitch fan is available to automatically purge the cooler cores by periodically reversing the airflow.

Hydraulic Service Center

The hydraulic components are all conveniently located behind the hinged right side access ladder at a new single ground level service center improving safety and reducing service time. Accessible from the service center are the transmission and hydraulic oil filters, brake accumulators, pressure test ports, etc.



Sustainability

Conserving Resources



The 950K is designed to compliment your business plan, reduce emissions and minimize the consumption of natural resources.

- Improved fuel efficiency – less fuel consumed results in lower emissions.
- Engine air filter life doubled to reduce cost and waste.
- Machine is built with a 95% recyclability rate (ISO 16714) to conserve valuable natural resources and further enhance machine end of life value.
- Improved operator efficiency through enhanced visibility and reduced noise/vibration levels.
- Product Link family of products and solutions that collect, communicate, store and deliver product and job-site information to maximize productivity and reduce costs.
- Major components are rebuildable, eliminating waste and saving money by giving the machine and/or major components a second – and even third – life.

Customer Support

Ready to Help. Anytime. Anywhere.

Machine Selection

Cat dealers are ready to help evaluate machine options; from new or used machine sales, to rental or rebuild options, Cat dealers can provide an optimal solution to meet customer business needs.

Product Support

Cat dealers are with customers every step of the way to maximize machine uptime by providing unsurpassed worldwide parts support, trained technicians and customer support agreements.

Operation

To help maximize the return on your investment, Cat dealers offer various training resources to improve operating techniques.

Financing

Cat dealers offer financing options to meet a variety of customer needs.



Owning Costs

Proven Best Investment



Customer Support Agreements

A Customer Support Agreement (CSA) is an arrangement between you and your Cat dealer that helps you lower your total cost per ton. CSAs are flexible, allowing them to be tailored to your business needs. They can range from simple Preventive Maintenance Kits to elaborate Total Cost Performance Guarantees. Having a CSA with your Cat dealer enables more time for you to do what you do best – run your business.

Monitoring Systems

Monitoring product health is key to optimizing the life of an investment into a Cat Wheel Loader.

- **Cat Product Link** – Cat Product Link allows remote monitoring of equipment to improve overall fleet management effectiveness. Product Link is deeply integrated into machine systems. Events and diagnostic codes, as well as hours, fuel, idle time and other detailed information are transmitted to a secure web based application, VisionLink™. VisionLink includes powerful tools to convey information to users and dealers, including mapping, working and idle time, fuel level and more.
- **S.O.SSM Services** – Helps manage component life and decrease machine downtime, increasing productivity and efficiency. Regular fluid sampling can help track what is going on inside your machine. Wear related problems are predictable and easily repairable. Maintenance can be done to accommodate your schedule, resulting in increased uptime and flexibility in maintenance repairs before failure.

Parts Availability

Caterpillar provides an unsurpassed level of personalized service to help you work more cost effective and efficient. By utilizing a worldwide parts network Cat dealers help minimize machine downtime and save money by delivering replacement parts within 24 hours.

Resale Value

Owning quality equipment is an important factor in maintaining resale value. Caterpillar is not only known for machines that are better built, but provides product and dealer support to maintain the reliability and durability of your machine.



Operating Costs

Save Time and Money by Working Smart

Data from customer machines show Cat wheel loaders are among the most fuel efficient machines in the industry. Several features contribute to this excellent fuel efficiency:

- **Performance Series Buckets** – Deliver faster fill times and better material retention, ultimately reducing cycle times while improving productivity and fuel efficiency.
- **Load-Sensing Hydraulics** – Provides only the hydraulic flow required by the implement and steering systems for improved fuel efficiency and greater rimpull.
- **ACERT™ Engine** – Power dense engine enables a more fuel-efficient method to meet emissions regulations.
- **Fuel Management System (FMS)** – Optimizes power for maximum fuel savings with minimal impact on production.
- **Engine Idle Shutdown** – Automatic engine and electrical system shutdown conserves fuel.
- **Torque Converter** – Transfers more power to the ground and optimizes fuel efficiency in all applications.
- **Shift Strategy** – Reduced torque interruption increases driveline efficiency, conserving fuel. Auto 1-4 transmission mode keeps engine rpm low, reducing fuel consumption while delivering optimal machine performance.

Machine configuration, operator technique, and job site layout can impact fuel consumption by as much as 30 percent.

- **Machine Configuration** – Select the correct work tool and tire type based on machine application. Radial tires are preferred; ensure proper inflation pressures. Heavier tires burn more fuel. Keep engine rpm low by using auto 1-4 transmission mode.
- **Job Site Layout** – Spot loading targets in the right position. Avoid traveling more than twice the machine length during short cycle loading. Reduce transport distance for load and carry cycles by optimizing job site layout.
- **Loading Bucket** – Load in first gear and keep engine rpm low. Raise and tilt bucket smoothly and do not use a “pumping” motion. Avoid lift lever detent and use transmission neutralizer.
- **Loading Truck or Hopper** – Do not raise the work tool any higher than necessary. Keep engine rpm low and unload in controlled manner.
- **Idle** – Set the parking brake to engage Engine Idle Management System.

950K Wheel Loader Specifications

Engine

Engine Model	Cat® C7.1 ACERT™	
Max Gross Power (1,900 rpm) – SAE J1995	173 kW	232 hp
Max Gross Power (1,900 rpm) – SAE J1995 (metric)	175 kW	234 hp
Max Net Power (1,900 rpm) – ISO 9249	157 kW	211 hp
Max Net Power (1,900 rpm) – ISO 9249 (metric)	159 kW	213 hp
Max Net Power (1,900 rpm) – SAE J1349	157 kW	211 hp
Max Net Power (1,900 rpm) – SAE J1349 (metric)	159 kW	213 hp
Max Net Power (1,900 rpm) – EEC 80/1269	157 kW	211 hp
Max Net Power (1,900 rpm) – EEC 80/1269 (metric)	159 kW	213 hp
Peak Gross Torque (1,300 rpm) – SAE J1995	1054 N·m	777 ft-lb
Peak Net Torque (1,400 rpm) – SAE J1349	988 N·m	729 ft-lb
Bore	105 mm	4.1 in
Stroke	135 mm	5.3 in
Displacement	7.01 L	427.8 in ³

- Cat engine with ACERT™ Technology – meets Tier 4 Interim/Stage IIIB emissions requirements.

Weights

Operating Weight	19 425 kg	42,811 lb
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- For 3.1 m³ (4.0 yd³) general purpose buckets with BOCE.

Buckets

Bucket Capacities	2.50 to 9.20 m ³	3.25 to 12.00 yd ³
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- Refer to bucket selection chart.

Operating Specifications

Static tipping load full 40° turn – ISO 14397-1*	11 008 kg	24,261 lb
Static tipping load full 40° turn – Rigid Tires**	11 774 kg	25,951 lb
Breakout Force	161 kN	36,203 lb

- For 3.1 m³ (4.0 yd³) general purpose buckets with BOCE.

* Full compliance to ISO (2007) 14397-1 Sections 1 thru 6, which requires 2% verification between calculations and testing.

** Compliance to ISO (2007) 14397-1 Sections 1 thru 5.

Transmission

Forward 1	6.9 km/h	4.3 mph
Forward 2	12.9 km/h	8.0 mph
Forward 3	22.7 km/h	14.1 mph
Forward 4	37.9 km/h	23.6 mph
Reverse 1	7.5 km/h	4.7 mph
Reverse 2	14.1 km/h	8.8 mph
Reverse 3	24.8 km/h	15.4 mph
Reverse 4	39.8 km/h	24.7 mph

- Maximum travel speed in standard vehicle with empty bucket and standard L3 tires with 787 mm (31 in) roll radius.

Hydraulic System

Steering System	Piston	
Pump Type		
Implement System – Maximum Pump Output (2,340 rpm)	340 L/min	90 gal/min
Implement System – Maximum Operating Pressure	26 200 kPa	3,800 psi
Implement System – Optional 3rd and 4th Function Maximum Flow	280 L/min	74 gal/min
Implement System – Optional 3rd and 4th Function Maximum Pressure	20 700 kPa	3,000 psi
Hydraulic Cycle Time – Raise from Carry Position	5.9 Seconds	
Hydraulic Cycle Time – Dump, at Maximum Raise	1.8 Seconds	
Hydraulic Cycle Time – Lower, Empty, Float Down	2.5 Seconds	
Hydraulic Cycle Time – Total	10 Seconds	

- Cycle time with rated payload.

Brakes

Brakes	Meet OSHA, SAE J1473 OCT90 and ISO 3450-1985 required standards
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Axles

Front	Fixed	
Rear	Oscillating ± 13 degrees	
Maximum Single-Wheel Rise and Fall	481 mm	18.9 in

Tires

- Choose from a variety of tires to match your application.
- Choices include:
 - 23.5R25 VSW BS L2 Radial
 - 23.5R25 VUT BS L2 Radial
 - 750/65R25 VLT BS E3/L3 Radial
 - 23.5R25 VJT BS E3/L3 Radial
 - 23.5-25 SRG LD FS L3 Bias
 - 23.5R25 XHA2 MX L3 Radial
 - 23.5R25 XHA MX L3 Radial
 - 23.5R25 VMT BS L3 Radial
 - 725/70-25 LS 150 Titan L4 Bias
 - 23.5R25 XLDD2 MX L5 Radial
 - Cat Flexport™
- NOTE: In certain applications (such as load and carry), the loader's productive capabilities might exceed the tires' tonnes-km/h (ton-mph) capabilities. Caterpillar recommends that you consult a tire supplier to evaluate all conditions before selecting a tire model. Other special tires are available on request.

Cab

ROPS/FOPS	Meets SAE and ISO standards
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- Cat cab with a four post integrated Rollover Protective Structure (ROPS) are standard in North America and Europe.
- ROPS meets SAE J1040 APR88 and ISO 3471:1994 criteria.
- Falling Objects Protective Structure (FOPS) meets SAE J231 JAN81 and ISO:1992 Level II criteria.

Sound

- The sound values indicated below are for specific operating conditions only. Machine and operator sound levels will vary at different engine and/or cooling fan speeds. Hearing protection may be needed when the machine is operated with a cabin that is not properly maintained, or when the doors and/or windows are open for extended periods or in a noisy environment.
- The operator sound pressure level for a standard machine configuration, measured according to the procedures specified in ISO 6396:2008, is 71 dB(A) with the cooling fan speed set at maximum value.
- The machine sound power level for a standard machine configuration, measured according to the procedures specified in ISO 6395:2008, is 110 dB(A) with the cooling fan speed set at maximum value.
- The machine sound pressure level for a standard machine configuration, measured according to the procedures specified in SAE J88:2006, is 75 dB(A). The measurement was conducted under the following conditions: distance of 15 m (49.2 ft), moving forward in an intermediate gear ratio, static hydraulic cycle (with no payload) and with the cooling fan speed set at maximum value.
- The operator sound pressure level for a machine installed with a Low Sound package, measured according to the procedures specified in ISO 6396:2008, is 69 dB(A) with the cooling fan speed set at maximum value.
- The machine sound power level for a machine installed with a Low Sound package, measured according to the procedures specified in ISO 6396:2008, is 107 dB(A) with the cooling fan speed set at maximum value.

Service Refill Capacities

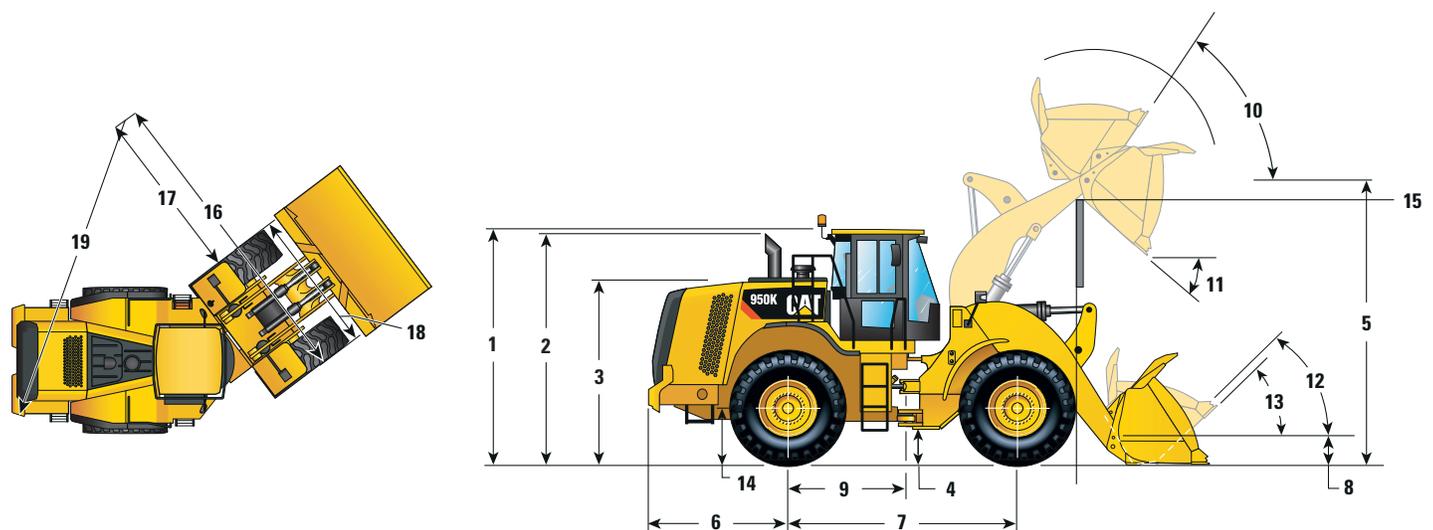
Fuel Tank – Standard	314 L	83 gal
Cooling System	60 L	15.9 gal
Crankcase	18 L	4.8 gal
Transmission	43 L	11.4 gal
Differentials and Final Drives – Front	43 L	11.4 gal
Differentials and Final Drives – Rear	43 L	11.4 gal
Hydraulic Tank	189 L	49.9 gal

- All non-road Tier 4/Stage IIIB and IV, and Japan (MLIT) Step 4 diesel engines are required to use:
 - Ultra Low Sulfur Diesel (ULSD) fuels containing 15 ppm (mg/kg) sulfur or less. Biodiesel blends up to B20 are acceptable when blended with 15 ppm (mg/kg) sulfur or less ULSD and when the biodiesel feedstock meets ASTM D7467 specifications.
 - Cat® DEO-ULS™ or oils that meet the Cat ECF-3, API CJ-4, and ACEA E9 specifications are required.

950K Wheel Loader Specifications

Dimensions

All dimensions are approximate and based on L3 Michelin XHA2 tires.



1 Height to Top of ROPS	3356 mm	11'0"
2 Height to Top of Exhaust Pipe	3099 mm	10'2"
3 Height to Top of Hood	2415 mm	7'11"
4 Ground Clearance With 23.5R25 (See Tire Option Chart for Other Tires)	397 mm	1'3"
5 B-Pin Height – Standard	4021 mm	13'2"
B-Pin Height – High-Lift	4526 mm	14'10"
6 Center Line of Rear Axle to Edge of Counterweight	1905 mm	6'3"
7 Wheelbase	3350 mm	10'11"
8 B-Pin Height @ Carry – Standard	659 mm	26"
9 Center Line of Rear Axle to Hitch	1510 mm	4'11"
10 Rack Back @ Maximum Lift		59 degrees
11 Dump Angle @ Maximum Lift		51 degrees
12 Rack Back @ Carry		46 degrees
13 Rack Back @ Ground		38 degrees
14 Height to Center Line of Axle	688 mm	2'3"
15 Lift Arm Clearance	3275 mm	10'7"
Lift Arm Clearance @ High Lift	3625 mm	11'9"

Turning Radius

All dimensions are approximate and based on L3 Michelin XHA2 tires.

16 Clearance Circle to Outside of Tires	5952 mm	19'6"
17 Clearance Circle to Inside of Tires	3233 mm	10'7"
18 Width Over Tires	2719 mm	8'11"
19 Clearance Circle to Outside Edge of Counterweight	6025 mm	19'9"

Operating Specifications

Bucket Type		General Purpose – Pin On					
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	2.70	2.70	2.50	2.90	2.90	2.70
	yd ³	3.53	3.53	3.27	3.79	3.79	3.53
Capacity – Struck (§)	m ³	2.30	2.30	2.11	2.55	2.55	2.33
	yd ³	3.01	3.01	2.76	3.34	3.34	3.05
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2975	2859	2859	2919	2802	2802
	ft/in	9'9"	9'4"	9'4"	9'6"	9'2"	9'2"
Reach at Maximum Lift and 45° Discharge (§)	mm	1356	1469	1469	1395	1506	1506
	ft/in	4'5"	4'9"	4'9"	4'6"	4'11"	4'11"
Reach at Level Lift Arm and Bucket Level (§)	mm	2562	2723	2723	2631	2792	2792
	ft/in	8'4"	8'11"	8'11"	8'7"	9'1"	9'1"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8036	8209	8209	8105	8278	8278
	ft/in	26'5"	27'0"	27'0"	26'8"	27'2"	27'2"
Overall Height with Bucket at Maximum Lift	mm	5392	5392	5392	5464	5464	5464
	ft/in	17'9"	17'9"	17'9"	18'0"	18'0"	18'0"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 689	13 856	13 856	13 729	13 897	13 897
	ft/in	44'11"	45'6"	45'6"	45'1"	45'8"	45'8"
Static Tipping Load, Straight (ISO)*	kg	12 974	12 836	13 135	12 833	12 694	12 985
	lb	28,596	28,291	28,949	28,285	27,977	28,619
Static Tipping Load, Straight (Rigid Tire)*	kg	13 719	13 580	13 887	13 582	13 441	13 740
	lb	30,238	29,930	30,608	29,935	29,624	30,284
Static Tipping Load, Articulated (ISO)*	kg	11 230	11 092	11 372	11 094	10 955	11 228
	lb	24,752	24,447	25,064	24,453	24,145	24,747
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 990	11 850	12 138	11 857	11 716	11 997
	lb	26,427	26,119	26,754	26,134	25,823	26,442
Breakout Force** (§)	kN	180	178	197	169	167	184
	lb	40,442	40,157	44,336	37,997	37,715	41,441
Operating Weight*	kg	19 303	19 411	19 254	19 388	19 496	19 339
	lb	42,544	42,782	42,436	42,730	42,968	42,622

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

950K Wheel Loader Specifications

Operating Specifications

Bucket Type		General Purpose – Pin On					
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	3.10	3.10	2.90	3.30	3.30	3.10
	yd ³	4.05	4.05	3.79	4.32	4.32	4.05
Capacity – Struck (§)	m ³	2.76	2.76	2.54	2.94	2.94	2.72
	yd ³	3.61	3.61	3.32	3.85	3.85	3.56
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2876	2758	2758	2838	2719	2719
	ft/in	9'5"	9'0"	9'0"	9'3"	8'11"	8'11"
Reach at Maximum Lift and 45° Discharge (§)	mm	1429	1540	1540	1458	1568	1568
	ft/in	4'8"	5'0"	5'0"	4'9"	5'1"	5'1"
Reach at Level Lift Arm and Bucket Level (§)	mm	2688	2849	2849	2737	2898	2898
	ft/in	8'9"	9'4"	9'4"	8'11"	9'6"	9'6"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8162	8335	8335	8211	8384	8384
	ft/in	26'10"	27'5"	27'5"	27'0"	27'7"	27'7"
Overall Height with Bucket at Maximum Lift	mm	5525	5525	5525	5571	5571	5571
	ft/in	18'2"	18'2"	18'2"	18'4"	18'4"	18'4"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 762	13 931	13 931	13 791	13 961	13 961
	ft/in	45'2"	45'9"	45'9"	45'3"	45'10"	45'10"
Static Tipping Load, Straight (ISO)*	kg	12 740	12 600	12 883	12 620	12 478	12 759
	lb	28,081	27,770	28,394	27,815	27,503	28,122
Static Tipping Load, Straight (Rigid Tire)*	kg	13 493	13 350	13 641	13 374	13 231	13 519
	lb	29,739	29,425	30,065	29,477	29,161	29,797
Static Tipping Load, Articulated (ISO)*	kg	11 008	10 867	11 132	10 892	10 750	11 014
	lb	24,261	23,951	24,536	24,006	23,694	24,275
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 774	11 632	11 904	11 660	11 517	11 788
	lb	25,951	25,637	26,237	25,700	25,384	25,980
Breakout Force** (§)	kN	161	159	175	154	153	167
	lb	36,203	35,922	39,334	34,742	34,463	37,633
Operating Weight*	kg	19 425	19 533	19 376	19 494	19 602	19 445
	lb	42,811	43,049	42,703	42,964	43,202	42,856

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

Operating Specifications

Bucket Type		General Purpose – Pin On					
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	3.40	3.40	3.20	3.60	3.60	3.40
	yd ³	4.45	4.45	4.19	4.71	4.71	4.45
Capacity – Struck (§)	m ³	3.04	3.04	2.81	3.18	3.18	2.94
	yd ³	3.98	3.98	3.68	4.16	4.16	3.85
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2819	2700	2700	2793	2673	2673
	ft/in	9'3"	8'10"	8'10"	9'1"	8'9"	8'9"
Reach at Maximum Lift and 45° Discharge (§)	mm	1473	1582	1582	1495	1604	1604
	ft/in	4'10"	5'2"	5'2"	4'10"	5'3"	5'3"
Reach at Level Lift Arm and Bucket Level (§)	mm	2761	2922	2922	2796	2957	2957
	ft/in	9'0"	9'7"	9'7"	9'2"	9'8"	9'8"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8235	8408	8408	8270	8443	8443
	ft/in	27'1"	27'8"	27'8"	27'2"	27'9"	27'9"
Overall Height with Bucket at Maximum Lift	mm	5597	5597	5597	5630	5630	5630
	ft/in	18'5"	18'5"	18'5"	18'6"	18'6"	18'6"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 805	13 975	13 975	13 826	13 997	13 997
	ft/in	45'4"	45'11"	45'11"	45'5"	46'0"	46'0"
Static Tipping Load, Straight (ISO)*	kg	12 577	12 434	12 712	12 506	12 363	12 638
	lb	27,719	27,406	28,019	27,564	27,249	27,854
Static Tipping Load, Straight (Rigid Tire)*	kg	13 332	13 188	13 473	13 263	13 118	13 400
	lb	29,384	29,067	29,696	29,232	28,914	29,534
Static Tipping Load, Articulated (ISO)*	kg	10 850	10 708	10 969	10 783	10 640	10 898
	lb	23,915	23,601	24,176	23,767	23,452	24,020
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 620	11 476	11 743	11 554	11 410	11 674
	lb	25,611	25,294	25,883	25,467	25,148	25,729
Breakout Force** (§)	kN	151	150	164	147	146	159
	lb	34,071	33,792	36,855	33,133	32,855	35,772
Operating Weight*	kg	19 518	19 626	19 469	19 554	19 662	19 505
	lb	43,017	43,255	42,909	43,097	43,335	42,989

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

950K Wheel Loader Specifications

Operating Specifications

Bucket Type		General Purpose – Pin On			Material Handling – Pin On		
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	3.80	3.80	3.60	2.70	2.70	2.50
	yd ³	4.97	4.97	4.71	3.53	3.53	3.27
Capacity – Struck (§)	m ³	3.36	3.36	3.12	2.32	2.32	2.11
	yd ³	4.39	4.39	4.08	3.03	3.03	2.76
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2758	2638	2638	2896	2770	2770
	ft/in	9'0"	8'7"	8'7"	9'6"	9'1"	9'1"
Reach at Maximum Lift and 45° Discharge (§)	mm	1524	1632	1632	1272	1374	1374
	ft/in	5'0"	5'4"	5'4"	4'2"	4'6"	4'6"
Reach at Level Lift Arm and Bucket Level (§)	mm	2842	3003	3003	2581	2742	2742
	ft/in	9'3"	9'10"	9'10"	8'5"	8'11"	8'11"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8316	8489	8489	8055	8228	8228
	ft/in	27'4"	27'11"	27'11"	26'6"	27'0"	27'0"
Overall Height with Bucket at Maximum Lift	mm	5678	5678	5678	5618	5618	5618
	ft/in	18'8"	18'8"	18'8"	18'6"	18'6"	18'6"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 854	14 025	14 025	13 700	13 868	13 868
	ft/in	45'6"	46'1"	46'1"	45'0"	45'6"	45'6"
Static Tipping Load, Straight (ISO)*	kg	12 407	12 263	12 533	12 803	12 666	12 994
	lb	27,345	27,028	27,623	28,219	27,916	28,639
Static Tipping Load, Straight (Rigid Tire)*	kg	13 165	13 020	13 297	13 531	13 392	13 730
	lb	29,017	28,697	29,307	29,823	29,517	30,263
Static Tipping Load, Articulated (ISO)*	kg	10 688	10 545	10 798	11 078	10 941	11 252
	lb	23,558	23,241	23,799	24,417	24,115	24,799
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 461	11 316	11 575	11 821	11 683	12 003
	lb	25,261	24,941	25,512	26,054	25,749	26,456
Breakout Force** (§)	kN	142	141	153	176	175	193
	lb	31,963	31,687	34,427	39,722	39,437	43,481
Operating Weight*	kg	19 609	19 717	19 560	19 326	19 434	19 277
	lb	43,218	43,456	43,110	42,593	42,831	42,485

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

Operating Specifications

Bucket Type		Material Handling – Pin On					
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	2.90	2.90	2.70	3.10	3.10	2.90
	yd ³	3.79	3.79	3.53	4.05	4.05	3.79
Capacity – Struck (§)	m ³	2.52	2.52	2.31	2.61	2.61	2.44
	yd ³	3.30	3.30	3.02	3.41	3.41	3.19
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2853	2728	2728	2821	2696	2696
	ft/in	9'4"	8'11"	8'11"	9'3"	8'10"	8'10"
Reach at Maximum Lift and 45° Discharge (§)	mm	1314	1416	1416	1346	1448	1448
	ft/in	4'3"	4'7"	4'7"	4'5"	4'9"	4'9"
Reach at Level Lift Arm and Bucket Level (§)	mm	2641	2802	2802	2686	2847	2847
	ft/in	8'8"	9'2"	9'2"	8'9"	9'4"	9'4"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8115	8288	8288	8160	8333	8333
	ft/in	26'8"	27'3"	27'3"	26'10"	27'5"	27'5"
Overall Height with Bucket at Maximum Lift	mm	4975	4975	4975	5483	5483	5483
	ft/in	16'4"	16'4"	16'4"	18'0"	18'0"	18'0"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 734	13 903	13 903	13 761	13 930	13 930
	ft/in	45'1"	45'8"	45'8"	45'2"	45'9"	45'9"
Static Tipping Load, Straight (ISO)*	kg	12 688	12 550	12 833	12 595	12 456	12 734
	lb	27,965	27,660	28,285	27,760	27,453	28,066
Static Tipping Load, Straight (Rigid Tire)*	kg	13 419	13 279	13 569	13 328	13 187	13 471
	lb	29,575	29,267	29,906	29,375	29,065	29,691
Static Tipping Load, Articulated (ISO)*	kg	10 969	10 831	11 098	10 881	10 741	11 003
	lb	24,177	23,871	24,460	23,982	23,675	24,251
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 715	11 575	11 848	11 628	11 487	11 755
	lb	25,820	25,512	26,113	25,629	25,319	25,908
Breakout Force** (§)	kN	167	166	182	161	160	175
	lb	37,667	37,384	41,052	36,235	35,954	39,374
Operating Weight*	kg	19 382	19 490	19 333	19 432	19 540	19 383
	lb	42,717	42,955	42,609	42,827	43,065	42,719

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

950K Wheel Loader Specifications

Operating Specifications

Bucket Type		Material Handling – Pin On					
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	3.30	3.30	3.10	3.40	3.40	3.20
	yd ³	4.32	4.32	4.05	4.45	4.45	4.19
Capacity – Struck (§)	m ³	2.78	2.78	2.61	2.92	2.92	2.74
	yd ³	3.64	3.64	3.41	3.82	3.82	3.58
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2789	2664	2664	2761	2636	2636
	ft/in	9'1"	8'8"	8'8"	9'0"	8'7"	8'7"
Reach at Maximum Lift and 45° Discharge (§)	mm	1378	1480	1480	1406	1508	1508
	ft/in	4'6"	4'10"	4'10"	4'7"	4'11"	4'11"
Reach at Level Lift Arm and Bucket Level (§)	mm	2731	2892	2892	2771	2932	2932
	ft/in	8'11"	9'5"	9'5"	9'1"	9'7"	9'7"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8205	8378	8378	8245	8418	8418
	ft/in	27'0"	27'6"	27'6"	27'1"	27'8"	27'8"
Overall Height with Bucket at Maximum Lift	mm	5527	5527	5527	5566	5566	5566
	ft/in	18'2"	18'2"	18'2"	18'4"	18'4"	18'4"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 787	13 957	13 957	13 811	13 981	13 981
	ft/in	45'3"	45'10"	45'10"	45'4"	45'11"	45'11"
Static Tipping Load, Straight (ISO)*	kg	12 504	12 364	12 638	12 426	12 285	12 556
	lb	27,560	27,251	27,855	27,387	27,076	27,673
Static Tipping Load, Straight (Rigid Tire)*	kg	13 239	13 097	13 377	13 162	13 019	13 296
	lb	29,178	28,866	29,484	29,009	28,695	29,305
Static Tipping Load, Articulated (ISO)*	kg	10 794	10 654	10 912	10 719	10 579	10 833
	lb	23,791	23,482	24,050	23,626	23,316	23,877
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 543	11 402	11 665	11 470	11 328	11 588
	lb	25,442	25,130	25,711	25,282	24,968	25,541
Breakout Force** (§)	kN	155	154	168	150	149	162
	lb	34,901	34,621	37,819	33,788	33,510	36,529
Operating Weight*	kg	19 480	19 588	19 431	19 520	19 628	19 471
	lb	42,933	43,171	42,825	43,021	43,259	42,913

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

Operating Specifications

Bucket Type		Material Handling – Pin On					
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	3.60	3.60	3.40	3.80	3.80	3.60
	yd ³	4.71	4.71	4.45	4.97	4.97	4.71
Capacity – Struck (§)	m ³	3.15	3.15	2.95	3.28	3.28	3.11
	yd ³	4.12	4.12	3.86	4.29	4.29	4.07
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2729	2604	2604	2693	2568	2568
	ft/in	8'11"	8'6"	8'6"	8'10"	8'5"	8'5"
Reach at Maximum Lift and 45° Discharge (§)	mm	1438	1540	1540	1474	1576	1576
	ft/in	4'8"	5'0"	5'0"	4'10"	5'2"	5'2"
Reach at Level Lift Arm and Bucket Level (§)	mm	2816	2977	2977	2867	3028	3028
	ft/in	9'2"	9'9"	9'9"	9'4"	9'11"	9'11"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8290	8463	8463	8341	8514	8514
	ft/in	27'3"	27'10"	27'10"	27'5"	28'0"	28'0"
Overall Height with Bucket at Maximum Lift	mm	5614	5614	5614	5662	5662	5662
	ft/in	18'6"	18'6"	18'6"	18'7"	18'7"	18'7"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 838	14 009	14 009	13 869	14 041	14 041
	ft/in	45'5"	46'0"	46'0"	45'6"	46'1"	46'1"
Static Tipping Load, Straight (ISO)*	kg	12 338	12 196	12 463	12 236	12 093	12 356
	lb	27,194	26,882	27,470	26,969	26,654	27,234
Static Tipping Load, Straight (Rigid Tire)*	kg	13 076	12 933	13 205	12 976	12 832	13 100
	lb	28,820	28,504	29,105	28,599	28,281	28,873
Static Tipping Load, Articulated (ISO)*	kg	10 636	10 495	10 746	10 539	10 396	10 643
	lb	23,443	23,131	23,684	23,228	22,914	23,459
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 389	11 246	11 502	11 294	11 150	11 402
	lb	25,102	24,787	25,351	24,892	24,574	25,130
Breakout Force** (§)	kN	145	143	156	139	138	150
	lb	32,610	32,333	35,171	31,355	31,079	33,731
Operating Weight*	kg	19 564	19 672	19 515	19 618	19 726	19 569
	lb	43,118	43,356	43,010	43,237	43,475	43,129

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

950K Wheel Loader Specifications

Operating Specifications

Bucket Type		General Purpose – Fusion QC					
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	2.70	2.70	2.50	2.90	2.90	2.70
	yd ³	3.53	3.53	3.27	3.79	3.79	3.53
Capacity – Struck (§)	m ³	2.30	2.30	2.11	2.55	2.55	2.33
	yd ³	3.01	3.01	2.76	3.34	3.34	3.05
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2936	2820	2820	2880	2763	2763
	ft/in	9'7"	9'3"	9'3"	9'5"	9'0"	9'0"
Reach at Maximum Lift and 45° Discharge (§)	mm	1402	1516	1516	1440	1552	1552
	ft/in	4'7"	4'11"	4'11"	4'8"	5'1"	5'1"
Reach at Level Lift Arm and Bucket Level (§)	mm	2622	2783	2783	2691	2852	2852
	ft/in	8'7"	9'1"	9'1"	8'9"	9'4"	9'4"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8096	8269	8269	8165	8338	8338
	ft/in	26'7"	27'2"	27'2"	26'10"	27'5"	27'5"
Overall Height with Bucket at Maximum Lift	mm	5424	5424	5424	5497	5497	5497
	ft/in	17'10"	17'10"	17'10"	18'1"	18'1"	18'1"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 714	13 884	13 884	13 755	13 926	13 926
	ft/in	45'0"	45'7"	45'7"	45'2"	45'9"	45'9"
Static Tipping Load, Straight (ISO)*	kg	12 379	12 241	12 575	12 265	12 125	12 456
	lb	27,283	26,979	27,715	27,032	26,725	27,454
Static Tipping Load, Straight (Rigid Tire)*	kg	13 113	12 974	13 321	13 003	12 862	13 205
	lb	28,903	28,596	29,360	28,659	28,349	29,105
Static Tipping Load, Articulated (ISO)*	kg	10 661	10 523	10 839	10 552	10 413	10 726
	lb	23,497	23,194	23,889	23,257	22,950	23,640
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 411	11 271	11 599	11 305	11 164	11 489
	lb	25,150	24,843	25,565	24,917	24,606	25,323
Breakout Force** (§)	kN	170	169	186	160	159	174
	lb	38,308	38,025	41,807	36,105	35,825	39,220
Operating Weight*	kg	19 778	19 886	19 729	19 840	19 948	19 791
	lb	43,589	43,827	43,481	43,727	43,965	43,619

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

Operating Specifications

Bucket Type		General Purpose – Fusion QC					
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	3.10	3.10	2.90	3.30	3.30	3.10
	yd ³	4.05	4.05	3.79	4.32	4.32	4.05
Capacity – Struck (§)	m ³	2.76	2.76	2.54	2.94	2.94	2.72
	yd ³	3.61	3.61	3.32	3.85	3.85	3.56
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2837	2718	2718	2798	2679	2679
	ft/in	9'3"	8'11"	8'11"	9'2"	8'9"	8'9"
Reach at Maximum Lift and 45° Discharge (§)	mm	1475	1585	1585	1503	1613	1613
	ft/in	4'10"	5'2"	5'2"	4'11"	5'3"	5'3"
Reach at Level Lift Arm and Bucket Level (§)	mm	2748	2909	2909	2797	2958	2958
	ft/in	9'0"	9'6"	9'6"	9'2"	9'8"	9'8"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8222	8395	8395	8271	8444	8444
	ft/in	27'0"	27'7"	27'7"	27'2"	27'9"	27'9"
Overall Height with Bucket at Maximum Lift	mm	5558	5558	5558	5604	5604	5604
	ft/in	18'3"	18'3"	18'3"	18'5"	18'5"	18'5"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 789	13 961	13 961	13 818	13 991	13 991
	ft/in	45'3"	45'10"	45'10"	45'5"	45'11"	45'11"
Static Tipping Load, Straight (ISO)*	kg	12 155	12 015	12 344	12 065	11 924	12 252
	lb	26,790	26,481	27,208	26,591	26,280	27,004
Static Tipping Load, Straight (Rigid Tire)*	kg	12 896	12 754	13 096	12 808	12 665	13 006
	lb	28,423	28,111	28,865	28,230	27,915	28,666
Static Tipping Load, Articulated (ISO)*	kg	10 448	10 308	10 620	10 363	10 221	10 532
	lb	23,029	22,720	23,407	22,840	22,529	23,214
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 204	11 062	11 386	11 120	10 978	11 301
	lb	24,694	24,382	25,096	24,510	24,196	24,908
Breakout Force** (§)	kN	153	152	166	147	146	159
	lb	34,451	34,172	37,295	33,132	32,855	35,769
Operating Weight*	kg	19 894	20 002	19 845	19 941	20 049	19 892
	lb	43,847	44,085	43,739	43,949	44,187	43,841

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

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(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

950K Wheel Loader Specifications

Operating Specifications

Bucket Type		General Purpose – Fusion QC					
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	3.40	3.40	3.20	3.60	3.60	3.40
	yd ³	4.45	4.45	4.19	4.71	4.71	4.45
Capacity – Struck (§)	m ³	3.04	3.04	2.81	3.18	3.18	2.94
	yd ³	3.98	3.98	3.68	4.16	4.16	3.85
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2779	2660	2660	2753	2633	2633
	ft/in	9'1"	8'8"	8'8"	9'0"	8'7"	8'7"
Reach at Maximum Lift and 45° Discharge (§)	mm	1518	1627	1627	1539	1648	1648
	ft/in	4'11"	5'4"	5'4"	5'0"	5'4"	5'4"
Reach at Level Lift Arm and Bucket Level (§)	mm	2821	2982	2982	2856	3017	3017
	ft/in	9'3"	9'9"	9'9"	9'4"	9'10"	9'10"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8295	8468	8468	8330	8503	8503
	ft/in	27'3"	27'10"	27'10"	27'4"	27'11"	27'11"
Overall Height with Bucket at Maximum Lift	mm	5630	5630	5630	5664	5664	5664
	ft/in	18'6"	18'6"	18'6"	18'7"	18'7"	18'7"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 833	14 006	14 006	13 854	14 028	14 028
	ft/in	45'5"	46'0"	46'0"	45'6"	46'1"	46'1"
Static Tipping Load, Straight (ISO)*	kg	12 023	11 881	12 209	11 957	11 815	12 142
	lb	26,499	26,187	26,908	26,355	26,041	26,761
Static Tipping Load, Straight (Rigid Tire)*	kg	12 767	12 624	12 964	12 703	12 559	12 898
	lb	28,139	27,823	28,572	27,998	27,681	28,428
Static Tipping Load, Articulated (ISO)*	kg	10 322	10 181	10 491	10 260	10 118	10 428
	lb	22,751	22,439	23,123	22,614	22,301	22,983
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 081	10 938	11 260	11 021	10 877	11 199
	lb	24,424	24,108	24,818	24,290	23,973	24,682
Breakout Force** (§)	kN	144	143	156	140	139	151
	lb	32,517	32,240	35,060	31,655	31,379	34,072
Operating Weight*	kg	19 964	20 072	19 915	19 998	20 106	19 949
	lb	44,001	44,239	43,893	44,076	44,314	43,968

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

Operating Specifications

Bucket Type		General Purpose – Fusion QC			Material Handling – Fusion QC		
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	3.80	3.80	3.60	2.70	2.70	2.50
	yd ³	4.97	4.97	4.71	3.53	3.53	3.27
Capacity – Struck (§)	m ³	3.36	3.36	3.12	2.20	2.20	2.00
	yd ³	4.39	4.39	4.08	2.88	2.88	2.62
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2718	2598	2598	2853	2728	2728
	ft/in	8'11"	8'6"	8'6"	9'4"	8'11"	8'11"
Reach at Maximum Lift and 45° Discharge (§)	mm	1568	1677	1677	1314	1416	1416
	ft/in	5'1"	5'6"	5'6"	4'3"	4'7"	4'7"
Reach at Level Lift Arm and Bucket Level (§)	mm	2902	3063	3063	2641	2802	2802
	ft/in	9'6"	10'0"	10'0"	8'8"	9'2"	9'2"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8376	8549	8549	8115	8288	8288
	ft/in	27'6"	28'1"	28'1"	26'8"	27'3"	27'3"
Overall Height with Bucket at Maximum Lift	mm	5711	5711	5711	5418	5418	5418
	ft/in	18'9"	18'9"	18'9"	17'10"	17'10"	17'10"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 883	14 057	14 057	13 725	13 895	13 895
	ft/in	45'7"	46'2"	46'2"	45'1"	45'8"	45'8"
Static Tipping Load, Straight (ISO)*	kg	11 871	11 728	12 054	12 234	12 097	12 417
	lb	26,165	25,849	26,567	26,965	26,663	27,367
Static Tipping Load, Straight (Rigid Tire)*	kg	12 619	12 474	12 812	12 953	12 815	13 144
	lb	27,813	27,494	28,239	28,548	28,244	28,970
Static Tipping Load, Articulated (ISO)*	kg	10 178	10 035	10 344	10 535	10 398	10 701
	lb	22,434	22,118	22,799	23,220	22,918	23,586
Static Tipping Load, Articulated (Rigid Tire)*	kg	10 941	10 796	11 117	11 269	11 131	11 444
	lb	24,114	23,795	24,502	24,837	24,533	25,222
Breakout Force** (§)	kN	136	134	146	167	166	182
	lb	30,581	30,306	32,844	37,672	37,389	41,057
Operating Weight*	kg	20 043	20 151	19 994	19 784	19 892	19 735
	lb	44,175	44,413	44,067	43,602	43,840	43,494

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

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(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

950K Wheel Loader Specifications

Operating Specifications

Bucket Type		Material Handling – Fusion QC					
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	2.90	2.90	2.70	3.10	3.10	2.90
	yd ³	3.79	3.79	3.53	4.05	4.05	3.79
Capacity – Struck (§)	m ³	2.40	2.40	2.20	2.61	2.61	2.44
	yd ³	3.14	3.14	2.88	3.41	3.41	3.19
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2811	2685	2685	2779	2653	2653
	ft/in	9'2"	8'9"	8'9"	9'1"	8'8"	8'8"
Reach at Maximum Lift and 45° Discharge (§)	mm	1357	1459	1459	1389	1491	1491
	ft/in	4'5"	4'9"	4'9"	4'6"	4'10"	4'10"
Reach at Level Lift Arm and Bucket Level (§)	mm	2701	2862	2862	2746	2907	2907
	ft/in	8'10"	9'4"	9'4"	9'0"	9'6"	9'6"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8175	8348	8348	8220	8393	8393
	ft/in	26'10"	27'5"	27'5"	27'0"	27'7"	27'7"
Overall Height with Bucket at Maximum Lift	mm	5480	5480	5480	5517	5517	5517
	ft/in	18'0"	18'0"	18'0"	18'2"	18'2"	18'2"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 761	13 932	13 932	13 788	13 959	13 959
	ft/in	45'2"	45'9"	45'9"	45'3"	45'10"	45'10"
Static Tipping Load, Straight (ISO)*	kg	12 130	11 992	12 308	12 038	11 899	12 216
	lb	26,734	26,430	27,127	26,533	26,227	26,924
Static Tipping Load, Straight (Rigid Tire)*	kg	12 851	12 711	13 038	12 761	12 621	12 947
	lb	28,323	28,016	28,736	28,125	27,816	28,536
Static Tipping Load, Articulated (ISO)*	kg	10 436	10 298	10 598	10 349	10 210	10 510
	lb	23,001	22,697	23,359	22,809	22,504	23,165
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 172	11 033	11 343	11 087	10 947	11 257
	lb	24,624	24,317	25,001	24,436	24,127	24,811
Breakout Force** (§)	kN	159	158	173	153	152	166
	lb	35,805	35,524	38,869	34,496	34,217	37,348
Operating Weight*	kg	19 836	19 944	19 787	19 885	19 993	19 836
	lb	43,717	43,955	43,609	43,825	44,063	43,717

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

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(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

Operating Specifications

Bucket Type		Material Handling – Fusion QC					
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth
Capacity – Rated (§)	m ³	3.30	3.30	3.10	3.40	3.40	3.20
	yd ³	4.32	4.32	4.05	4.45	4.45	4.19
Capacity – Struck (§)	m ³	2.78	2.78	2.61	2.92	2.92	2.74
	yd ³	3.64	3.64	3.41	3.82	3.82	3.58
Width (§)	mm	2927	2994	2994	2927	2994	2994
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2747	2622	2622	2719	2593	2593
	ft/in	9'0"	8'7"	8'7"	8'11"	8'6"	8'6"
Reach at Maximum Lift and 45° Discharge (§)	mm	1420	1523	1523	1449	1551	1551
	ft/in	4'7"	4'11"	4'11"	4'9"	5'1"	5'1"
Reach at Level Lift Arm and Bucket Level (§)	mm	2791	2952	2952	2831	2992	2992
	ft/in	9'1"	9'8"	9'8"	9'3"	9'9"	9'9"
Digging Depth (§)	mm	90	90	60	90	90	60
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8265	8438	8438	8305	8478	8478
	ft/in	27'2"	27'9"	27'9"	27'3"	27'10"	27'10"
Overall Height with Bucket at Maximum Lift	mm	5561	5561	5561	5600	5600	5600
	ft/in	18'3"	18'3"	18'3"	18'5"	18'5"	18'5"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 815	13 987	13 987	13 839	14 012	14 012
	ft/in	45'4"	45'11"	45'11"	45'5"	46'0"	46'0"
Static Tipping Load, Straight (ISO)*	kg	11 952	11 812	12 132	11 881	11 740	12 057
	lb	26,342	26,034	26,739	26,186	25,876	26,574
Static Tipping Load, Straight (Rigid Tire)*	kg	12 676	12 535	12 866	12 607	12 465	12 792
	lb	27,938	27,627	28,357	27,786	27,474	28,194
Static Tipping Load, Articulated (ISO)*	kg	10 267	10 127	10 431	10 199	10 059	10 360
	lb	22,629	22,321	22,990	22,480	22,171	22,833
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 006	10 865	11 180	10 941	10 799	11 110
	lb	24,259	23,948	24,641	24,114	23,802	24,487
Breakout Force** (§)	kN	148	146	159	143	142	154
	lb	33,277	32,999	35,937	32,256	31,979	34,761
Operating Weight*	kg	19 929	20 037	19 880	19 967	20 075	19 918
	lb	43,922	44,160	43,814	44,006	44,244	43,898

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

950K Wheel Loader Specifications

Operating Specifications

Bucket Type		Material Handling – Fusion QC						High Lift Change in Specs
		Bolt-On Edges	Teeth and Segments	Teeth	Bolt-On Edges	Teeth and Segments	Teeth	
Capacity – Rated (§)	m ³	3.60	3.60	3.40	3.80	3.80	3.60	
	yd ³	4.71	4.71	4.45	4.97	4.97	4.71	
Capacity – Struck (§)	m ³	3.10	3.10	2.90	3.28	3.28	3.11	
	yd ³	4.05	4.05	3.79	4.29	4.29	4.07	
Width (§)	mm	2927	2994	2994	2927	2994	2994	
	ft/in	9'7"	9'9"	9'9"	9'7"	9'9"	9'9"	
Dump Clearance at Maximum Lift and 45° Discharge (§)	mm	2687	2561	2561	2651	2525	2525	505
	ft/in	8'9"	8'4"	8'4"	8'8"	8'3"	8'3"	1'7"
Reach at Maximum Lift and 45° Discharge (§)	mm	1480	1583	1583	1517	1619	1619	35
	ft/in	4'10"	5'2"	5'2"	4'11"	5'3"	5'3"	0'1"
Reach at Level Lift Arm and Bucket Level (§)	mm	2876	3037	3037	2927	3088	3088	374
	ft/in	9'5"	9'11"	9'11"	9'7"	10'1"	10'1"	1'2"
Digging Depth (§)	mm	90	90	60	90	90	60	4
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"	0.1"
Overall Length	mm	8350	8523	8523	8401	8574	8574	604
	ft/in	27'5"	28'0"	28'0"	27'7"	28'2"	28'2"	2'0"
Overall Height with Bucket at Maximum Lift	mm	5643	5643	5643	5697	5697	5697	506
	ft/in	18'7"	18'7"	18'7"	18'9"	18'9"	18'9"	1'8"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 867	14 040	14 040	13 898	14 073	14 073	393
	ft/in	45'6"	46'1"	46'1"	45'8"	46'3"	46'3"	1'4"
Static Tipping Load, Straight (ISO)*	kg	11 798	11 657	11 974	11 700	11 558	11 875	-1279
	lb	26,004	25,693	26,392	25,787	25,474	26,172	-2,820
Static Tipping Load, Straight (Rigid Tire)*	kg	12 526	12 383	12 711	12 429	12 286	12 614	-1440
	lb	27,608	27,293	28,016	27,394	27,078	27,801	-3,174
Static Tipping Load, Articulated (ISO)*	kg	10 122	9980	10 282	10 028	9886	10 187	-1190
	lb	22,309	21,998	22,661	22,101	21,788	22,452	-2,622
Static Tipping Load, Articulated (Rigid Tire)*	kg	10 864	10 722	11 034	10 772	10 629	10 941	-1341
	lb	23,946	23,631	24,319	23,743	23,426	24,114	-2,955
Breakout Force** (§)	kN	138	137	149	133	132	143	-8
	lb	31,176	30,901	33,524	30,013	29,739	32,198	-1,812
Operating Weight*	kg	20 007	20 115	19 958	20 061	20 169	20 012	602
	lb	44,094	44,332	43,986	44,213	44,451	44,105	1,326

* Static tipping loads and operating weights shown are based on a global machine configuration with Michelin 23.5R25 XHA2 L3 Radial tires, full fluids, operator, standard counterweight, standard linkage, cold start, roading fenders, Product Link, open differential axles (front/rear), power train guard, secondary steering, and sound suppression.

** Measured 102 mm (4") behind tip of cutting edge with bucket hinge pin as pivot point in accordance with SAE J732C.

*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) Specifications and ratings conform to all applicable standards recommended by the Society of Automotive Engineers, including SAE Standard J732C governing loader ratings.

(ISO) Full compliance to ISO 14397-1 (2007) Sections 1 thru 6, which requires 2% verification between calculations and testing.

(Rigid Tire) Compliance to ISO 14397-1 (2007) Sections 1 thru 5.

Bucket Selection Charts

Material Density		kg/m ³	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	
Standard Linkage	Pin On	General Purpose	2.70 m ³ (3.53 yd ³)											3.11 m ³ (4.07 yd ³)							2.70 m ³ (3.53 yd ³)	
			2.90 m ³ (3.79 yd ³)												3.34 m ³ (4.37 yd ³)							2.90 m ³ (3.79 yd ³)
			3.10 m ³ (4.05 yd ³)												3.57 m ³ (4.67 yd ³)							3.10 m ³ (4.05 yd ³)
			3.30 m ³ (4.32 yd ³)												3.80 m ³ (4.97 yd ³)							3.30 m ³ (4.32 yd ³)
			3.40 m ³ (4.45 yd ³)												3.91 m ³ (5.11 yd ³)							3.40 m ³ (4.45 yd ³)
			3.60 m ³ (4.71 yd ³)												4.14 m ³ (5.41 yd ³)							3.60 m ³ (4.71 yd ³)
			3.80 m ³ (4.97 yd ³)												4.37 m ³ (5.72 yd ³)							3.80 m ³ (4.97 yd ³)
	Material Handling	2.70 m ³ (3.53 yd ³)													3.11 m ³ (4.07 yd ³)							2.70 m ³ (3.53 yd ³)
		2.90 m ³ (3.79 yd ³)													3.34 m ³ (4.37 yd ³)							2.90 m ³ (3.79 yd ³)
		3.10 m ³ (4.05 yd ³)													3.57 m ³ (4.67 yd ³)							3.10 m ³ (4.05 yd ³)
		3.30 m ³ (4.32 yd ³)													3.80 m ³ (4.97 yd ³)							3.30 m ³ (4.32 yd ³)
		3.40 m ³ (4.45 yd ³)													3.91 m ³ (5.11 yd ³)							3.40 m ³ (4.45 yd ³)
		3.60 m ³ (4.71 yd ³)													4.14 m ³ (5.41 yd ³)							3.60 m ³ (4.71 yd ³)
		3.80 m ³ (4.97 yd ³)													4.37 m ³ (5.72 yd ³)							3.80 m ³ (4.97 yd ³)
Fusion OC	General Purpose	2.70 m ³ (3.53 yd ³)												3.11 m ³ (4.07 yd ³)							2.70 m ³ (3.53 yd ³)	
		2.90 m ³ (3.79 yd ³)													3.34 m ³ (4.37 yd ³)							2.90 m ³ (3.79 yd ³)
		3.10 m ³ (4.05 yd ³)													3.57 m ³ (4.67 yd ³)							3.10 m ³ (4.05 yd ³)
		3.30 m ³ (4.32 yd ³)													3.80 m ³ (4.97 yd ³)							3.30 m ³ (4.32 yd ³)
		3.40 m ³ (4.45 yd ³)													3.91 m ³ (5.11 yd ³)							3.40 m ³ (4.45 yd ³)
		3.60 m ³ (4.71 yd ³)													4.14 m ³ (5.41 yd ³)							3.60 m ³ (4.71 yd ³)
		3.80 m ³ (4.97 yd ³)													4.37 m ³ (5.72 yd ³)							3.80 m ³ (4.97 yd ³)
Material Handling	2.70 m ³ (3.53 yd ³)													3.11 m ³ (4.07 yd ³)							2.70 m ³ (3.53 yd ³)	
	2.90 m ³ (3.79 yd ³)													3.34 m ³ (4.37 yd ³)							2.90 m ³ (3.79 yd ³)	
	3.10 m ³ (4.05 yd ³)													3.57 m ³ (4.67 yd ³)							3.10 m ³ (4.05 yd ³)	
	3.30 m ³ (4.32 yd ³)													3.80 m ³ (4.97 yd ³)							3.30 m ³ (4.32 yd ³)	
	3.40 m ³ (4.45 yd ³)													3.91 m ³ (5.11 yd ³)							3.40 m ³ (4.45 yd ³)	
	3.60 m ³ (4.71 yd ³)													4.14 m ³ (5.41 yd ³)							3.60 m ³ (4.71 yd ³)	
	3.80 m ³ (4.97 yd ³)													4.37 m ³ (5.72 yd ³)							3.80 m ³ (4.97 yd ³)	
Material Density	lb/yd ³	1,180	1,348	1,517	1,685	1,854	2,022	2,191	2,359	2,528	2,696	2,865	3,033	3,202	3,370	3,539	3,707	3,876	4,044	4,213		
Bucket Fill Factors		115% 110% 105% 100% 95% 																				

Note: All buckets are showing Bolt-On Edges.
Material Handling buckets are flat floor buckets.

950K Wheel Loader Specifications

Bucket Selection Charts

Material Density		kg/m ³	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500		
High Lift Linkage	Pin On	General Purpose	2.70 m ³ (3.53 yd ³)											3.11 m ³ (4.07 yd ³)								2.70 m ³ (3.53 yd ³)	
			2.90 m ³ (3.79 yd ³)												3.34 m ³ (4.37 yd ³)								2.90 m ³ (3.79 yd ³)
			3.10 m ³ (4.05 yd ³)												3.57 m ³ (4.67 yd ³)								3.10 m ³ (4.05 yd ³)
			3.30 m ³ (4.32 yd ³)												3.80 m ³ (4.97 yd ³)								3.30 m ³ (4.32 yd ³)
			3.40 m ³ (4.45 yd ³)												3.91 m ³ (5.11 yd ³)								3.40 m ³ (4.45 yd ³)
			3.60 m ³ (4.71 yd ³)												4.14 m ³ (5.41 yd ³)								3.60 m ³ (4.71 yd ³)
			3.80 m ³ (4.97 yd ³)												4.37 m ³ (5.72 yd ³)								3.80 m ³ (4.97 yd ³)
	Material Handling	2.70 m ³ (3.53 yd ³)													3.11 m ³ (4.07 yd ³)								2.70 m ³ (3.53 yd ³)
		2.90 m ³ (3.79 yd ³)													3.34 m ³ (4.37 yd ³)								2.90 m ³ (3.79 yd ³)
		3.10 m ³ (4.05 yd ³)													3.57 m ³ (4.67 yd ³)								3.10 m ³ (4.05 yd ³)
		3.30 m ³ (4.32 yd ³)													3.80 m ³ (4.97 yd ³)								3.30 m ³ (4.32 yd ³)
		3.40 m ³ (4.45 yd ³)													3.91 m ³ (5.11 yd ³)								3.40 m ³ (4.45 yd ³)
		3.60 m ³ (4.71 yd ³)													4.14 m ³ (5.41 yd ³)								3.60 m ³ (4.71 yd ³)
		3.80 m ³ (4.97 yd ³)													4.37 m ³ (5.72 yd ³)								3.80 m ³ (4.97 yd ³)
Fusion QC	General Purpose	2.70 m ³ (3.53 yd ³)												3.11 m ³ (4.07 yd ³)								2.70 m ³ (3.53 yd ³)	
		2.90 m ³ (3.79 yd ³)													3.34 m ³ (4.37 yd ³)								2.90 m ³ (3.79 yd ³)
		3.10 m ³ (4.05 yd ³)													3.57 m ³ (4.67 yd ³)								3.10 m ³ (4.05 yd ³)
		3.30 m ³ (4.32 yd ³)													3.80 m ³ (4.97 yd ³)								3.30 m ³ (4.32 yd ³)
		3.40 m ³ (4.45 yd ³)													3.91 m ³ (5.11 yd ³)								3.40 m ³ (4.45 yd ³)
		3.60 m ³ (4.71 yd ³)													4.14 m ³ (5.41 yd ³)								3.60 m ³ (4.71 yd ³)
		3.80 m ³ (4.97 yd ³)													4.37 m ³ (5.72 yd ³)								3.80 m ³ (4.97 yd ³)
Material Handling	2.70 m ³ (3.53 yd ³)													3.11 m ³ (4.07 yd ³)								2.70 m ³ (3.53 yd ³)	
	2.90 m ³ (3.79 yd ³)													3.34 m ³ (4.37 yd ³)								2.90 m ³ (3.79 yd ³)	
	3.10 m ³ (4.05 yd ³)													3.57 m ³ (4.67 yd ³)								3.10 m ³ (4.05 yd ³)	
	3.30 m ³ (4.32 yd ³)													3.80 m ³ (4.97 yd ³)								3.30 m ³ (4.32 yd ³)	
	3.40 m ³ (4.45 yd ³)													3.91 m ³ (5.11 yd ³)								3.40 m ³ (4.45 yd ³)	
	3.60 m ³ (4.71 yd ³)													4.14 m ³ (5.41 yd ³)								3.60 m ³ (4.71 yd ³)	
	3.80 m ³ (4.97 yd ³)													4.37 m ³ (5.72 yd ³)								3.80 m ³ (4.97 yd ³)	
Material Density	lb/yd ³	1,180	1,348	1,517	1,685	1,854	2,022	2,191	2,359	2,528	2,696	2,865	3,033	3,202	3,370	3,539	3,707	3,876	4,044	4,213			
Bucket Fill Factors		115% 110% 105% 100% 95%																					

Note: All buckets are showing Bolt-On Edges.
Material Handling buckets are flat floor buckets.

Bucket Fill Factors

(as a % of ISO Rated Capacity)

Loose Material	Performance Series Bucket
Earth/Clay	115
Sand and Gravel	115
Aggregate:	
25-76 mm (1 to 3 in)	110
19 mm (0.75 in) and smaller	105
Rock	100

Note: Fill Factors achieved will also depend on whether the product is washed or not washed.

Change in Specifications

Tires	Width over tires		Change in vertical dimensions		Change in operating weight		Change in static tipping load	
	mm	in	mm	in	kg	lb	kg	lb
23.5R25 VSW BS L2 Radial	2843	112	-36	-1.4	96	212	64	141
23.5R25 VJT BS E3/L3 Radial	2844	112	-31	-1.2	184	406	123	271
23.5R25 VUT BS L2 Radial	2798	110	-38	-1.5	36	79	24	53
23.5R25 VMT BS L3 Radial	2797	110	2	0.1	200	441	133	293
750/65R25 VLT BS E3/L3 Radial	2947	116	-4	-0.2	744	1,640	496	1,093
23.5-25 STR LD FS L3 Bias	2798	110	-10	-0.4	-224	-538	-149	-328
23.5R25 XHA2 MX L3 Radial	2813	110	0	0	0	0	0	0
23.5R25 XLDD2 MX L5 Radial	2816	110	27	-1	608	1,340	405	893
23.5R25 XLD MX L3 Radial	2947	116	-5	-0.2	592	1,305	395	871
725/70-25 LS 150 Titan L4 Bias	2895	114	28	1.1	708	1,561	472	1,041

950K Standard Equipment

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

POWER TRAIN

Brakes, full hydraulic enclosed wet-disc with Integrated Braking System (IBS)
Brake wear indicators
Diesel Particulate Filter (DPF)
Engine, Cat® C7.1 with Tier 4 Interim rating
Fan, radiator, electronically controlled, hydraulically driven, temperature sensing, on demand
Fuel Management System (FMS)
Fuel priming pump, (electric)
Fuel/water separator
Glow plugs
Guard, vandalism
Precleaner, engine air intake
Radiator, unit core (6 fpi) with ATAAC
Switch, transmission neutralizer lockout
Torque converter (free wheel stator)
Transmission, automatic planetary power shift (4F/4R)
Variable Shift Control (VSC)

ELECTRICAL

Alarm, back-up
Alternator, 115-amp brushed
Batteries, (2) maintenance free 1,400 CCA
Ignition key; start/stop switch
Lighting system:

- Four halogen work lights
- Two halogen roading lights (with signals)
- Two halogen rear vision lights (hood mounted)

Main disconnect switch
Receptacle start (cables not included)
Starter, electric, heavy duty
Starting and charging system (24-volt)

OPERATOR ENVIRONMENT

Air conditioner, heater, and defroster (auto temp and fan)
Beverage holders (2) with storage compartment for cell phone/MP3 player
Bucket/work tool function lockout
Cab, pressurized and sound suppressed, (ROPS/FOPS) radio ready (entertainment) includes antenna, speakers, and converter (12-volt 10-amp)
Camera, rearview
Coat hook (2)
EH controls, lift and tilt function
EH parking brake
Computerized Monitoring System

- Instrumentation, gauges:
 - Digital gear range indicator
 - DPF soot loading percent
 - Engine coolant temperature
 - Fuel level
 - Hydraulic oil temperature
 - Speedometer/tachometer
 - Transmission oil temperature
- Instrumentation, warning indicators:
 - Axle oil temperature
 - Battery voltage hi/low
 - Engine air filter restriction
 - Engine intake manifold temperature
 - Engine oil pressure
 - Fuel level and pressure hi/low
 - Hydraulic oil filter restriction
 - Hydraulic oil low
 - Parking brake
 - Primary steering oil pressure
 - Service brake oil pressure
 - Transmission filter bypass

Horn, electric
Light, two dome (cab)
Mirrors, rearview external (includes spot mirrors)
Post mounted membrane switch keypads
Receptacle, 12-volt
Seat, Cat Comfort (cloth) air suspension
Seat belt, retractable, 51 mm (2") wide
Steering, HMU wheel
Sun visor, front
Wet-arm wipers/washers front and rear,

- Intermittent front wiper

Window, sliding (left and right side)
Viscous mounts

TIRES

A tire must be selected from the mandatory attachments section. Base machine price includes a tire allowance.

FLUIDS

Premixed 50% concentration of Extended Life Coolant with freeze protection to -34°C (-29°F)

OTHER STANDARD EQUIPMENT

Auto idle shutdown
Couplings, Cat O-ring face seal
Ecology drains for engine, transmission, and hydraulics
Ether aid
Fenders, steel front with mud-flap/rear with extension
Filters:

- Fuel, primary/secondary
- Engine air, primary/secondary
- Engine oil
- Hydraulic oil
- Transmission

Fuel cooler
Grease zerks
Grill, airborne debris
Hitch, drawbar with pin
Hood, non-metallic power tilting with rear clamshell
Hoses, Cat XT
Hydraulic oil cooler (swing out)
Hydraulic system, load sensing
Kickout, lift and tilt, automatic (adjustable in cab)
Linkage, optimized Z-bar
Oil sampling valves
Platform, window washing
Product Link
Remote, diagnostic pressure taps
Service center (electrical and hydraulic)
Sight gauges: engine coolant, hydraulic oil and transmission oil level
Toolbox
Vandalism protection caplocks

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

Power Train

- Differentials
 - Open, front or rear
 - Limited slip, front or rear
- Extreme temperature seals
- Seal guards
- Axle oil cooler 2V/3V
- Axle oil cooler 4V

Hydraulics arrangement,
2V with ride control

Hydraulics arrangement,
3V with ride control

Hydraulics arrangement,
4V with ride control

Cold start/high altitude package (120V)

Power package

Power and traction package

Comfort package

Work lighting package, halogen

Work lighting package, HID

Forestry package

Industrial package

Cab protection package

High lift, 2V

High lift, 3V

High lift, 4V

Fusion coupler

Fusion coupler ready, 2V

Fusion coupler ready, 3V/4V

Bucket and work tool options
(contact Cat Work Tools)

Lights, signal LED

Product Link, satellite

Control, aggregate autodig

Command control 2V/3V

Command control 4V

Payload control system

Printer, payload CNTL system

Radio, AM/FM CD/MP3 player

Radio, CB (ready)

Radio, Satellite-XM (Bluetooth capable)

Radio, Satellite-Sirius (Bluetooth capable)

Steering secondary

Filter, carbon fresh air

Seat belt, 76 mm (3") wide

Sun visor, rear

Security system, machine

Cooling, high ambient

Guard, power train

Guard, front window

Guard, complete cab

Guard, front window (Logger)

Autolube

Fenders, narrow front

Fenders, roading with fender extensions
front/rear

Precleaner, HVAC

Precleaner, turbine

Precleaner, turbine/trash

Oil change system, high speed

Sound suppression (low) NACD

Fan, variable pitch

Antifreeze, -50° C (-58° F)

950K Wheel Loader

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