962K
Wheel Loader

Engine		
Engine Model	Cat® C7.1 ACERT™	
Max Net Power (1,900 rpm) – ISO 9249	165 kW	221 hp
Max Net Power (1,900 rpm) – SAE J1349	165 kW	221 hp

Buckets		
Bucket Capacities	2.50 to 9.20 m^3	3.25 to 12.00 yd^3
Weights		
Operating Weight	20 443 kg	45,055 lb

- For 3.3 m^3 (4.4 yd^3) general purpose buckets with BOCE.

962K 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 curved convex 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 962K 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

The Cat® 962K 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 962K 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

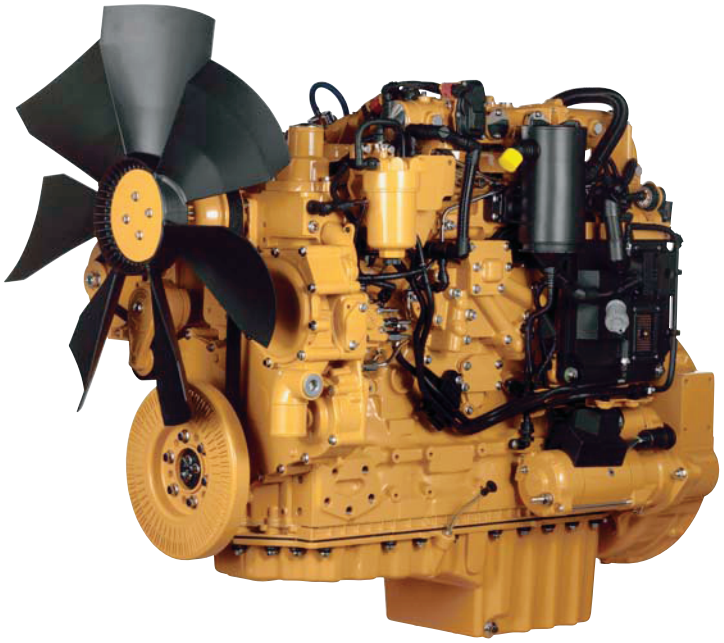
Monitoring product health is key to maintaining reliability of any equipment. Many programs offered by Caterpillar make the tracking of the customer's machine health quick and easy. These programs include Product Link, VisionLink™, and S·O·S℠ Services.

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·S℠) 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 its 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 962K 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 962K 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 962K 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.

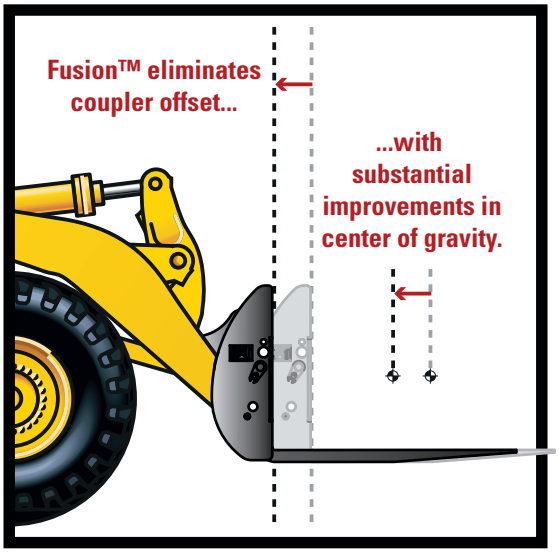
Increased Visibility

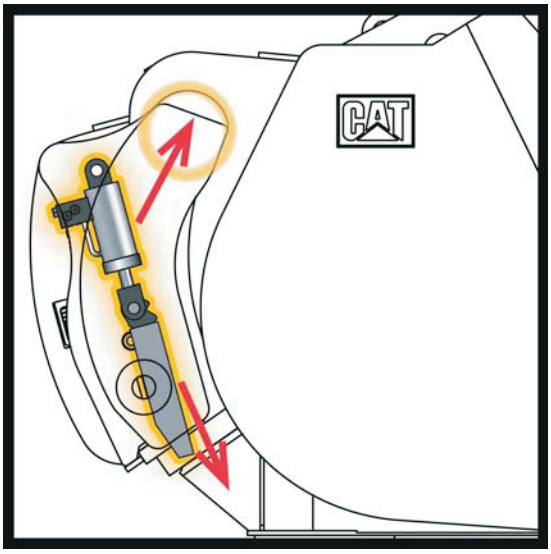
An open coupler frame design clears sight lines from the operator's seat, making it easier than ever before to engage and disengage attachments with certainty. Offset tines and other design changes to Fusion Pallet Forks, working in conjunction with the Fusion Coupler, increase visibility substantially 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 962K 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 962K 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·S℠ 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.

962K Wheel Loader Specifications

Engine

Engine Model	Cat® C7.1 ACERT™	
Max Gross Power (1,900 rpm) – SAE J1995	181 kW	243 hp
Max Gross Power (1,900 rpm) – SAE J1995 (metric)	183 kW	245 hp
Max Net Power (1,900 rpm) – ISO 9249	165 kW	221 hp
Max Net Power (1,900 rpm) – ISO 9249 (metric)	167 kW	224 hp
Max Net Power (1,900 rpm) – SAE J1349	165 kW	221 hp
Max Net Power (1,900 rpm) – SAE J1349 (metric)	167 kW	224 hp
Max Net Power (1,900 rpm) – EEC 80/1269	165 kW	221 hp
Max Net Power (1,900 rpm) – EEC 80/1269 (metric)	167 kW	224 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	20 443 kg	45,055 lb

- For 3.3 m^3 (4.4 yd^3) general purpose buckets with BOCE.

Buckets

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

- Refer to bucket selection chart.

Operating Specifications

Static Tipping Load Full 40° Turn – ISO 14397-1*	11 695 kg	25,777 lb
Static Tipping Load Full 40° Turn – Rigid Tires**	12 467 kg	27,479 lb
Breakout Force	168 kN	37,784 lb

- For 3.3 m^3 (4.4 yd^3) 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 Pump Type	Piston	
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.

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

- 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

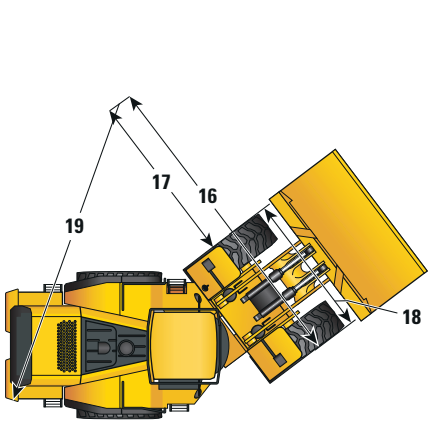
Fuel Tank – Standard	314 L	83 gal
Cooling System	60 L	15.9 gal
Crankcase	18 L	4.8 gal
Transmission	43 L	11.4 gal
Differentials and Final Drives – Front	43 L	11.4 gal
Differentials and Final Drives – Rear	43 L	11.4 gal
Hydraulic Tank	189 L	49.9 gal

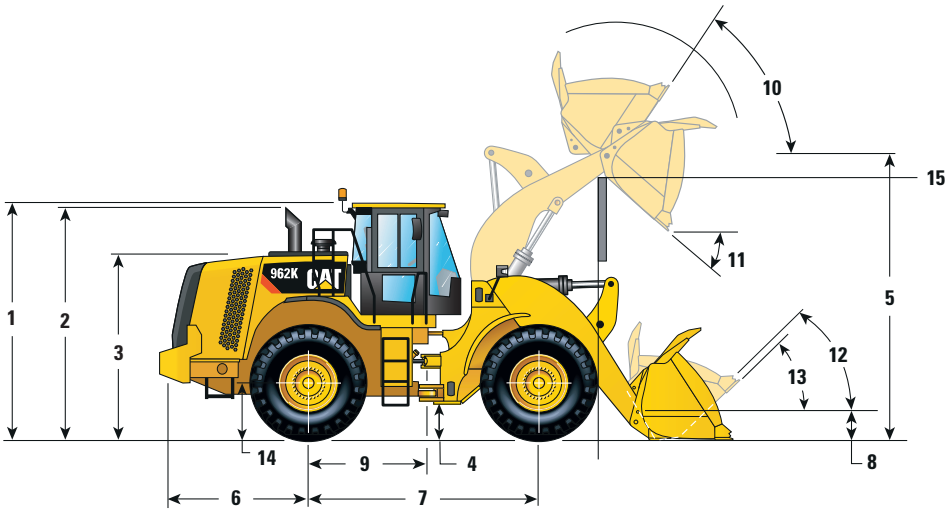
- All non-road Tier 4/Stage IIIB and IV, and Japan (MLIT) Step 4 diesel engines are required to use:
  – Ultra Low Sulfur Diesel (ULSD) fuels containing 15 ppm (mg/kg) sulfur or less. Biodiesel blends up to B20 are acceptable when blended with 15 ppm (mg/kg) sulfur or less ULSD and when the biodiesel 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.

962K 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	4237 mm	13'10"
	B-Pin Height – High-Lift	4526 mm	14'10"
6	Center Line of Rear Axle to Edge of Counterweight	2055 mm	6'7"
7	Wheelbase	3350 mm	10'11"
8	B-Pin Height @ Carry – Standard	677 mm	27"
9	Center Line of Rear Axle to Hitch	1510 mm	4'11"
10	Rack Back @ Maximum Lift	55 degrees	
11	Dump Angle @ Maximum Lift	49 degrees	
12	Rack Back @ Carry	51 degrees	
13	Rack Back @ Ground	39 degrees	
14	Height to Center Line of Axle	688 mm	2'3"
15	Lift Arm Clearance	3472 mm	11'4"
	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					
Edge Type		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	3191	3076	3076	3136	3019	3019
	ft/in	10'5"	10'1"	10'1"	10'3"	9'10"	9'10"
Reach at Maximum Lift and 45° Discharge (§)	mm	1290	1403	1403	1328	1440	1440
	ft/in	4'2"	4'7"	4'7"	4'4"	4'8"	4'8"
Reach at Level Lift Arm and Bucket Level (§)	mm	2660	2821	2821	2729	2890	2890
	ft/in	8'8"	9'3"	9'3"	8'11"	9'5"	9'5"
Digging Depth (§)	mm	88	88	58	88	88	58
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8307	8479	8479	8376	8548	8548
	ft/in	27'4"	27'10"	27'10"	27'6"	28'1"	28'1"
Overall Height with Bucket at Maximum Lift	mm	5609	5609	5609	5681	5681	5681
	ft/in	18'5"	18'5"	18'5"	18'8"	18'8"	18'8"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 785	13 953	13 953	13 825	13 995	13 995
	ft/in	45'3"	45'10"	45'10"	45'5"	45'11"	45'11"
Static Tipping Load, Straight (ISO)*	kg	14 003	13 866	14 174	13 854	13 716	14 017
	lb	30,863	30,561	31,240	30,536	30,230	30,893
Static Tipping Load, Straight (Rigid Tire)*	kg	14 746	14 608	14 925	14 601	14 461	14 770
	lb	32,501	32,196	32,895	32,180	31,872	32,553
Static Tipping Load, Articulated (ISO)*	kg	12 053	11 916	12 203	11 910	11 772	12 053
	lb	26,565	26,262	26,897	26,251	25,946	26,565
Static Tipping Load, Articulated (Rigid Tire)*	kg	12 817	12 679	12 974	12 678	12 538	12 827
	lb	28,249	27,944	28,596	27,942	27,634	28,270
Breakout Force** (§)	kN	195	194	214	183	182	200
	lb	43,943	43,707	48,225	41,302	41,066	45,092
Operating Weight*	kg	20 252	20 360	20 203	20 336	20 444	20 287
	lb	44,634	44,872	44,526	44,821	45,059	44,713

* 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.

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

962K Wheel Loader Specifications

Operating Specifications

Bucket Type		General Purpose – Pin On					
Edge Type		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	3093	2975	2975	3054	2936	2936
	ft/in	10'1"	9'9"	9'9"	10'0"	9'7"	9'7"
Reach at Maximum Lift and 45° Discharge (§)	mm	1363	1474	1474	1392	1502	1502
	ft/in	4'5"	4'10"	4'10"	4'6"	4'11"	4'11"
Reach at Level Lift Arm and Bucket Level (§)	mm	2786	2947	2947	2835	2996	2996
	ft/in	9'1"	9'8"	9'8"	9'3"	9'9"	9'9"
Digging Depth (§)	mm	88	88	58	88	88	58
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8433	8605	8605	8482	8654	8654
	ft/in	27'8"	28'3"	28'3"	27'10"	28'5"	28'5"
Overall Height with Bucket at Maximum Lift	mm	5742	5742	5742	5788	5788	5788
	ft/in	18'11"	18'11"	18'11"	19'0"	19'0"	19'0"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 859	14 029	14 029	13 888	14 059	14 059
	ft/in	45'6"	46'1"	46'1"	45'7"	46'2"	46'2"
Static Tipping Load, Straight (ISO)*	kg	13 753	13 613	13 906	13 626	13 486	13 777
	lb	30,312	30,005	30,651	30,033	29,724	30,365
Static Tipping Load, Straight (Rigid Tire)*	kg	14 502	14 362	14 662	14 377	14 236	14 534
	lb	31,964	31,654	32,316	31,688	31,376	32,034
Static Tipping Load, Articulated (ISO)*	kg	11 816	11 677	11 950	11 695	11 555	11 827
	lb	26,043	25,736	26,339	25,777	25,468	26,068
Static Tipping Load, Articulated (Rigid Tire)*	kg	12 587	12 446	12 726	12 467	12 326	12 605
	lb	27,742	27,431	28,050	27,479	27,167	27,781
Breakout Force** (§)	kN	175	174	190	168	167	182
	lb	39,361	39,125	42,810	37,784	37,548	40,971
Operating Weight*	kg	20 373	20 481	20 324	20 443	20 551	20 394
	lb	44,902	45,140	44,794	45,055	45,293	44,947

* 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.

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Operating Specifications

Bucket Type		General Purpose – Pin On					
Edge Type		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	3036	2917	2917	3010	2890	2890
	ft/in	9'11"	9'6"	9'6"	9'10"	9'5"	9'5"
Reach at Maximum Lift and 45° Discharge (§)	mm	1406	1516	1516	1428	1537	1537
	ft/in	4'7"	4'11"	4'11"	4'8"	5'0"	5'0"
Reach at Level Lift Arm and Bucket Level (§)	mm	2859	3020	3020	2894	3055	3055
	ft/in	9'4"	9'10"	9'10"	9'5"	10'0"	10'0"
Digging Depth (§)	mm	88	88	58	88	88	58
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8506	8678	8678	8541	8713	8713
	ft/in	27'11"	28'6"	28'6"	28'1"	28'8"	28'8"
Overall Height with Bucket at Maximum Lift	mm	5813	5813	5813	5847	5847	5847
	ft/in	19'1"	19'1"	19'1"	19'3"	19'3"	19'3"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 903	14 074	14 074	13 924	14 095	14 095
	ft/in	45'8"	46'3"	46'3"	45'9"	46'3"	46'3"
Static Tipping Load, Straight (ISO)*	kg	13 580	13 439	13 728	13 505	13 364	13 649
	lb	29,932	29,621	30,256	29,766	29,454	30,082
Static Tipping Load, Straight (Rigid Tire)*	kg	14 332	14 190	14 485	14 259	14 116	14 408
	lb	31,589	31,276	31,926	31,427	31,112	31,755
Static Tipping Load, Articulated (ISO)*	kg	11 652	11 511	11 780	11 581	11 439	11 705
	lb	25,681	25,370	25,964	25,525	25,213	25,799
Static Tipping Load, Articulated (Rigid Tire)*	kg	12 425	12 283	12 558	12 355	12 212	12 485
	lb	27,385	27,071	27,679	27,232	26,917	27,517
Breakout Force** (§)	kN	164	163	178	160	159	173
	lb	37,060	36,824	40,130	36,047	35,811	38,958
Operating Weight*	kg	20 466	20 574	20 417	20 503	20 611	20 454
	lb	45,108	45,346	45,000	45,188	45,426	45,080

* 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.

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962K Wheel Loader Specifications

Operating Specifications

Bucket Type		General Purpose – Pin On			Material Handling – Pin On		
Edge Type		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	2975	2855	2855	3112	2987	2987
	ft/in	9'9"	9'4"	9'4"	10'2"	9'9"	9'9"
Reach at Maximum Lift and 45° Discharge (§)	mm	1457	1566	1566	1206	1308	1308
	ft/in	4'9"	5'1"	5'1"	3'11"	4'3"	4'3"
Reach at Level Lift Arm and Bucket Level (§)	mm	2940	3101	3101	2679	2840	2840
	ft/in	9'7"	10'2"	10'2"	8'9"	9'3"	9'3"
Digging Depth (§)	mm	88	88	58	88	88	58
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8587	8759	8759	8326	8498	8498
	ft/in	28'3"	28'9"	28'9"	27'4"	27'11"	27'11"
Overall Height with Bucket at Maximum Lift	mm	5894	5894	5894	5835	5835	5835
	ft/in	19'5"	19'5"	19'5"	19'2"	19'2"	19'2"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 952	14 124	14 124	13 796	13 965	13 965
	ft/in	45'10"	46'5"	46'5"	45'4"	45'10"	45'10"
Static Tipping Load, Straight (ISO)*	kg	13 400	13 258	13 538	13 829	13 693	14 027
	lb	29,534	29,220	29,838	30,480	30,180	30,917
Static Tipping Load, Straight (Rigid Tire)*	kg	14 155	14 011	14 298	14 556	14 418	14 763
	lb	31,198	30,881	31,514	32,081	31,778	32,538
Static Tipping Load, Articulated (ISO)*	kg	11 481	11 339	11 600	11 899	11 763	12 078
	lb	25,304	24,991	25,568	26,226	25,926	26,622
Static Tipping Load, Articulated (Rigid Tire)*	kg	12 257	12 113	12 381	12 647	12 510	12 835
	lb	27,015	26,698	27,289	27,874	27,572	28,289
Breakout Force** (§)	kN	154	153	166	192	191	210
	lb	34,784	34,548	37,504	43,166	42,930	47,301
Operating Weight*	kg	20 558	20 666	20 509	20 274	20 382	20 225
	lb	45,308	45,546	45,200	44,684	44,922	44,576

* 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.

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Operating Specifications

Bucket Type		Material Handling – Pin On					
Edge Type		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	3070	2944	2944	3038	2913	2913
	ft/in	10'0"	9'7"	9'7"	9'11"	9'6"	9'6"
Reach at Maximum Lift and 45° Discharge (§)	mm	1248	1350	1350	1280	1382	1382
	ft/in	4'1"	4'5"	4'5"	4'2"	4'6"	4'6"
Reach at Level Lift Arm and Bucket Level (§)	mm	2739	2900	2900	2784	2945	2945
	ft/in	8'11"	9'6"	9'6"	9'1"	9'7"	9'7"
Digging Depth (§)	mm	88	88	58	88	88	58
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8386	8558	8558	8431	8603	8603
	ft/in	27'7"	28'1"	28'1"	27'8"	28'3"	28'3"
Overall Height with Bucket at Maximum Lift	mm	5192	5192	5192	5700	5700	5700
	ft/in	17'1"	17'1"	17'1"	18'9"	18'9"	18'9"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 831	14 001	14 001	13 858	14 028	14 028
	ft/in	45'5"	46'0"	46'0"	45'6"	46'1"	46'1"
Static Tipping Load, Straight (ISO)*	kg	13 706	13 569	13 862	13 608	13 469	13 757
	lb	30,209	29,906	30,553	29,992	29,687	30,321
Static Tipping Load, Straight (Rigid Tire)*	kg	14 435	14 296	14 596	14 338	14 199	14 493
	lb	31,815	31,510	32,171	31,602	31,295	31,942
Static Tipping Load, Articulated (ISO)*	kg	11 783	11 646	11 921	11 690	11 552	11 822
	lb	25,971	25,668	26,275	25,766	25,461	26,055
Static Tipping Load, Articulated (Rigid Tire)*	kg	12 534	12 395	12 676	12 442	12 303	12 578
	lb	27,624	27,319	27,939	27,423	27,116	27,723
Breakout Force** (§)	kN	182	181	198	175	174	190
	lb	40,945	40,709	44,671	39,398	39,162	42,855
Operating Weight*	kg	20 330	20 438	20 281	20 380	20 488	20 331
	lb	44,807	45,045	44,699	44,918	45,156	44,810

* 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.

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962K Wheel Loader Specifications

Operating Specifications

Bucket Type		Material Handling – Pin On					
Edge Type		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	3006	2881	2881	2978	2852	2852
	ft/in	9'10"	9'5"	9'5"	9'9"	9'4"	9'4"
Reach at Maximum Lift and 45° Discharge (§)	mm	1312	1414	1414	1340	1442	1442
	ft/in	4'3"	4'7"	4'7"	4'4"	4'8"	4'8"
Reach at Level Lift Arm and Bucket Level (§)	mm	2829	2990	2990	2869	3030	3030
	ft/in	9'3"	9'9"	9'9"	9'4"	9'11"	9'11"
Digging Depth (§)	mm	88	88	58	88	88	58
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8476	8648	8648	8516	8688	8688
	ft/in	27'10"	28'5"	28'5"	28'0"	28'7"	28'7"
Overall Height with Bucket at Maximum Lift	mm	5744	5744	5744	5783	5783	5783
	ft/in	18'11"	18'11"	18'11"	19'0"	19'0"	19'0"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 885	14 055	14 055	13 909	14 080	14 080
	ft/in	45'7"	46'2"	46'2"	45'8"	46'3"	46'3"
Static Tipping Load, Straight (ISO)*	kg	13 511	13 372	13 656	13 427	13 288	13 568
	lb	29,778	29,472	30,099	29,594	29,287	29,905
Static Tipping Load, Straight (Rigid Tire)*	kg	14 243	14 103	14 393	14 161	14 020	14 307
	lb	31,392	31,083	31,723	31,211	30,901	31,533
Static Tipping Load, Articulated (ISO)*	kg	11 599	11 460	11 726	11 520	11 380	11 643
	lb	25,564	25,258	25,845	25,390	25,082	25,662
Static Tipping Load, Articulated (Rigid Tire)*	kg	12 352	12 212	12 484	12 275	12 134	12 402
	lb	27,225	26,916	27,515	27,054	26,744	27,336
Breakout Force** (§)	kN	168	167	183	163	162	177
	lb	37,957	37,721	41,173	36,755	36,519	39,778
Operating Weight*	kg	20 428	20 536	20 379	20 468	20 576	20 419
	lb	45,023	45,261	44,915	45,112	45,350	45,004

* 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.

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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.

Operating Specifications

Bucket Type		Material Handling – Pin On					
Edge Type		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	2946	2821	2821	2910	2785	2785
	ft/in	9'8"	9'3"	9'3"	9'6"	9'1"	9'1"
Reach at Maximum Lift and 45° Discharge (§)	mm	1372	1474	1474	1408	1510	1510
	ft/in	4'6"	4'10"	4'10"	4'7"	4'11"	4'11"
Reach at Level Lift Arm and Bucket Level (§)	mm	2914	3075	3075	2965	3126	3126
	ft/in	9'6"	10'1"	10'1"	9'8"	10'3"	10'3"
Digging Depth (§)	mm	88	88	58	88	88	58
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8561	8733	8733	8612	8784	8784
	ft/in	28'2"	28'8"	28'8"	28'4"	28'10"	28'10"
Overall Height with Bucket at Maximum Lift	mm	5831	5831	5831	5879	5879	5879
	ft/in	19'2"	19'2"	19'2"	19'4"	19'4"	19'4"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 936	14 108	14 108	13 967	14 139	14 139
	ft/in	45'9"	46'4"	46'4"	45'10"	46'5"	46'5"
Static Tipping Load, Straight (ISO)*	kg	13 334	13 194	13 470	13 226	13 084	13 357
	lb	29,389	29,079	29,689	29,150	28,838	29,440
Static Tipping Load, Straight (Rigid Tire)*	kg	14 069	13 927	14 210	13 962	13 820	14 098
	lb	31,009	30,697	31,320	30,774	30,459	31,074
Static Tipping Load, Articulated (ISO)*	kg	11 432	11 291	11 551	11 329	11 188	11 443
	lb	25,196	24,887	25,458	24,970	24,659	25,222
Static Tipping Load, Articulated (Rigid Tire)*	kg	12 188	12 047	12 311	12 088	11 945	12 206
	lb	26,864	26,552	27,135	26,642	26,327	26,902
Breakout Force** (§)	kN	157	156	170	151	150	163
	lb	35,483	35,247	38,308	34,128	33,891	36,751
Operating Weight*	kg	20 512	20 620	20 463	20 566	20 674	20 517
	lb	45,208	45,446	45,100	45,327	45,565	45,219

* 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.

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962K Wheel Loader Specifications

Operating Specifications

Bucket Type		General Purpose – Fusion QC					
Edge Type		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	3153	3037	3037	3097	2980	2980
	ft/in	10'4"	9'11"	9'11"	10'1"	9'9"	9'9"
Reach at Maximum Lift and 45° Discharge (§)	mm	1336	1449	1449	1374	1485	1485
	ft/in	4'4"	4'9"	4'9"	4'6"	4'10"	4'10"
Reach at Level Lift Arm and Bucket Level (§)	mm	2720	2881	2881	2789	2950	2950
	ft/in	8'11"	9'5"	9'5"	9'1"	9'8"	9'8"
Digging Depth (§)	mm	88	88	58	88	88	58
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8367	8539	8539	8436	8608	8608
	ft/in	27'6"	28'1"	28'1"	27'9"	28'3"	28'3"
Overall Height with Bucket at Maximum Lift	mm	5641	5641	5641	5714	5714	5714
	ft/in	18'7"	18'7"	18'7"	18'9"	18'9"	18'9"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 811	13 982	13 982	13 852	14 024	14 024
	ft/in	45'4"	45'11"	45'11"	45'6"	46'1"	46'1"
Static Tipping Load, Straight (ISO)*	kg	13 391	13 255	13 595	13 270	13 132	13 468
	lb	29,515	29,214	29,963	29,247	28,943	29,685
Static Tipping Load, Straight (Rigid Tire)*	kg	14 124	13 987	14 339	14 006	13 867	14 215
	lb	31,131	30,827	31,604	30,870	30,563	31,331
Static Tipping Load, Articulated (ISO)*	kg	11 470	11 333	11 653	11 355	11 217	11 534
	lb	25,281	24,979	25,684	25,027	24,722	25,421
Static Tipping Load, Articulated (Rigid Tire)*	kg	12 225	12 087	12 419	12 112	11 973	12 302
	lb	26,944	26,640	27,371	26,696	26,389	27,114
Breakout Force** (§)	kN	185	184	202	174	173	190
	lb	41,637	41,401	45,487	39,256	39,020	42,687
Operating Weight*	kg	20 726	20 834	20 677	20 789	20 897	20 740
	lb	45,680	45,918	45,572	45,818	46,056	45,710

* 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.

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Operating Specifications

Bucket Type		General Purpose – Fusion QC					
Edge Type		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	3053	2935	2935	3015	2896	2896
	ft/in	10'0"	9'7"	9'7"	9'10"	9'6"	9'6"
Reach at Maximum Lift and 45° Discharge (§)	mm	1408	1519	1519	1437	1547	1547
	ft/in	4'7"	4'11"	4'11"	4'8"	5'0"	5'0"
Reach at Level Lift Arm and Bucket Level (§)	mm	2846	3007	3007	2895	3056	3056
	ft/in	9'4"	9'10"	9'10"	9'5"	10'0"	10'0"
Digging Depth (§)	mm	88	88	58	88	88	58
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8493	8665	8665	8542	8714	8714
	ft/in	27'11"	28'6"	28'6"	28'1"	28'8"	28'8"
Overall Height with Bucket at Maximum Lift	mm	5775	5775	5775	5821	5821	5821
	ft/in	19'0"	19'0"	19'0"	19'2"	19'2"	19'2"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 887	14 060	14 060	13 917	14 090	14 090
	ft/in	45'7"	46'2"	46'2"	45'8"	46'3"	46'3"
Static Tipping Load, Straight (ISO)*	kg	13 152	13 013	13 348	13 056	12 916	13 250
	lb	28,988	28,682	29,421	28,776	28,467	29,203
Static Tipping Load, Straight (Rigid Tire)*	kg	13 891	13 751	14 098	13 796	13 655	14 001
	lb	30,616	30,307	31,072	30,408	30,097	30,859
Static Tipping Load, Articulated (ISO)*	kg	11 244	11 105	11 421	11 154	11 014	11 328
	lb	24,783	24,477	25,173	24,583	24,275	24,969
Static Tipping Load, Articulated (Rigid Tire)*	kg	12 004	11 864	12 192	11 915	11 774	12 101
	lb	26,458	26,149	26,872	26,262	25,951	26,671
Breakout Force** (§)	kN	166	165	180	160	159	173
	lb	37,469	37,233	40,603	36,044	35,808	38,953
Operating Weight*	kg	20 843	20 951	20 794	20 889	20 997	20 840
	lb	45,937	46,175	45,829	46,039	46,277	45,931

* 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.

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962K Wheel Loader Specifications

Operating Specifications

Bucket Type		General Purpose – Fusion QC					
Edge Type		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	2996	2877	2877	2970	2850	2850
	ft/in	9'9"	9'5"	9'5"	9'8"	9'4"	9'4"
Reach at Maximum Lift and 45° Discharge (§)	mm	1451	1561	1561	1473	1582	1582
	ft/in	4'9"	5'1"	5'1"	4'10"	5'2"	5'2"
Reach at Level Lift Arm and Bucket Level (§)	mm	2919	3080	3080	2954	3115	3115
	ft/in	9'6"	10'1"	10'1"	9'8"	10'2"	10'2"
Digging Depth (§)	mm	88	88	58	88	88	58
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8566	8738	8738	8601	8773	8773
	ft/in	28'2"	28'9"	28'9"	28'3"	28'10"	28'10"
Overall Height with Bucket at Maximum Lift	mm	5847	5847	5847	5881	5881	5881
	ft/in	19'3"	19'3"	19'3"	19'4"	19'4"	19'4"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 932	14 105	14 105	13 953	14 127	14 127
	ft/in	45'9"	46'4"	46'4"	45'10"	46'5"	46'5"
Static Tipping Load, Straight (ISO)*	kg	13 011	12 871	13 204	12 941	12 800	13 132
	lb	28,677	28,368	29,102	28,524	28,213	28,945
Static Tipping Load, Straight (Rigid Tire)*	kg	13 753	13 611	13 956	13 684	13 542	13 886
	lb	30,312	29,999	30,759	30,161	29,847	30,605
Static Tipping Load, Articulated (ISO)*	kg	11 111	10 971	11 285	11 045	10 904	11 218
	lb	24,490	24,180	24,872	24,344	24,034	24,724
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 874	11 732	12 058	11 810	11 667	11 992
	lb	26,171	25,859	26,577	26,029	25,715	26,431
Breakout Force** (§)	kN	157	156	169	153	152	165
	lb	35,379	35,143	38,186	34,449	34,213	37,117
Operating Weight*	kg	20 913	21 021	20 864	20 947	21 055	20 898
	lb	46,091	46,329	45,983	46,166	46,404	46,058

* 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.

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Operating Specifications

Bucket Type		General Purpose – Fusion QC			Material Handling – Fusion QC		
Edge Type		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	2935	2815	2815	3070	2944	2944
	ft/in	9'7"	9'2"	9'2"	10'0"	9'7"	9'7"
Reach at Maximum Lift and 45° Discharge (§)	mm	1502	1611	1611	1248	1350	1350
	ft/in	4'11"	5'3"	5'3"	4'1"	4'5"	4'5"
Reach at Level Lift Arm and Bucket Level (§)	mm	3000	3161	3161	2739	2900	2900
	ft/in	9'10"	10'4"	10'4"	8'11"	9'6"	9'6"
Digging Depth (§)	mm	88	88	58	88	88	58
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8647	8819	8819	8386	8558	8558
	ft/in	28'5"	29'0"	29'0"	27'7"	28'1"	28'1"
Overall Height with Bucket at Maximum Lift	mm	5928	5928	5928	5634	5634	5634
	ft/in	19'6"	19'6"	19'6"	18'6"	18'6"	18'6"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 982	14 157	14 157	13 822	13 994	13 994
	ft/in	45'11"	46'6"	46'6"	45'5"	45'11"	45'11"
Static Tipping Load, Straight (ISO)*	kg	12 849	12 708	13 039	13 244	13 108	13 434
	lb	28,321	28,008	28,738	29,190	28,891	29,609
Static Tipping Load, Straight (Rigid Tire)*	kg	13 594	13 451	13 794	13 961	13 824	14 160
	lb	29,962	29,646	30,402	30,771	30,470	31,210
Static Tipping Load, Articulated (ISO)*	kg	10 959	10 817	11 129	11 342	11 207	11 514
	lb	24,153	23,841	24,530	24,999	24,700	25,378
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 724	11 581	11 905	12 082	11 945	12 262
	lb	25,841	25,526	26,240	26,628	26,327	27,026
Breakout Force** (§)	kN	148	147	159	182	181	198
	lb	33,289	33,053	35,789	40,950	40,714	44,677
Operating Weight*	kg	20 992	21 100	20 943	20 732	20 840	20 683
	lb	46,265	46,503	46,157	45,693	45,931	45,585

* 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.

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962K Wheel Loader Specifications

Operating Specifications

Bucket Type		Material Handling – Fusion QC					
Edge Type		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	3027	2902	2902	2996	2870	2870
	ft/in	9'11"	9'6"	9'6"	9'9"	9'5"	9'5"
Reach at Maximum Lift and 45° Discharge (§)	mm	1290	1393	1393	1322	1424	1424
	ft/in	4'2"	4'6"	4'6"	4'4"	4'8"	4'8"
Reach at Level Lift Arm and Bucket Level (§)	mm	2799	2960	2960	2844	3005	3005
	ft/in	9'2"	9'8"	9'8"	9'3"	9'10"	9'10"
Digging Depth (§)	mm	88	88	58	88	88	58
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8446	8618	8618	8491	8663	8663
	ft/in	27'9"	28'4"	28'4"	27'11"	28'6"	28'6"
Overall Height with Bucket at Maximum Lift	mm	5697	5697	5697	5734	5734	5734
	ft/in	18'9"	18'9"	18'9"	18'10"	18'10"	18'10"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 858	14 030	14 030	13 886	14 058	14 058
	ft/in	45'6"	46'1"	46'1"	45'7"	46'2"	46'2"
Static Tipping Load, Straight (ISO)*	kg	13 132	12 995	13 317	13 035	12 897	13 219
	lb	28,943	28,641	29,352	28,729	28,426	29,136
Static Tipping Load, Straight (Rigid Tire)*	kg	13 851	13 713	14 046	13 756	13 617	13 949
	lb	30,529	30,225	30,957	30,318	30,012	30,744
Static Tipping Load, Articulated (ISO)*	kg	11 237	11 100	11 405	11 145	11 008	11 312
	lb	24,767	24,465	25,137	24,565	24,261	24,933
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 978	11 840	12 155	11 888	11 749	12 064
	lb	26,401	26,097	26,790	26,202	25,896	26,589
Breakout Force** (§)	kN	173	172	188	166	165	180
	lb	38,931	38,695	42,307	37,518	37,282	40,662
Operating Weight*	kg	20 784	20 892	20 735	20 833	20 941	20 784
	lb	45,807	46,045	45,699	45,915	46,153	45,807

* 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.

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Operating Specifications

Bucket Type		Material Handling – Fusion QC					
Edge Type		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	2964	2838	2838	2936	2810	2810
	ft/in	9'8"	9'3"	9'3"	9'7"	9'2"	9'2"
Reach at Maximum Lift and 45° Discharge (§)	mm	1354	1456	1456	1382	1485	1485
	ft/in	4'5"	4'9"	4'9"	4'6"	4'10"	4'10"
Reach at Level Lift Arm and Bucket Level (§)	mm	2889	3050	3050	2929	3090	3090
	ft/in	9'5"	10'0"	10'0"	9'7"	10'1"	10'1"
Digging Depth (§)	mm	88	88	58	88	88	58
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"
Overall Length	mm	8536	8708	8708	8576	8748	8748
	ft/in	28'1"	28'7"	28'7"	28'2"	28'9"	28'9"
Overall Height with Bucket at Maximum Lift	mm	5778	5778	5778	5817	5817	5817
	ft/in	19'0"	19'0"	19'0"	19'1"	19'1"	19'1"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 913	14 086	14 086	13 938	14 112	14 112
	ft/in	45'8"	46'3"	46'3"	45'9"	46'4"	46'4"
Static Tipping Load, Straight (ISO)*	kg	12 943	12 804	13 130	12 867	12 728	13 050
	lb	28,526	28,221	28,939	28,359	28,053	28,763
Static Tipping Load, Straight (Rigid Tire)*	kg	13 665	13 525	13 862	13 591	13 451	13 783
	lb	30,118	29,810	30,552	29,955	29,646	30,378
Static Tipping Load, Articulated (ISO)*	kg	11 059	10 920	11 228	10 987	10 848	11 153
	lb	24,374	24,069	24,747	24,216	23,909	24,581
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 803	11 663	11 981	11 733	11 593	11 907
	lb	26,014	25,706	26,407	25,860	25,551	26,244
Breakout Force** (§)	kN	161	160	174	156	155	168
	lb	36,201	35,965	39,135	35,098	34,862	37,864
Operating Weight*	kg	20 877	20 985	20 828	20 915	21 023	20 866
	lb	46,012	46,250	45,904	46,096	46,334	45,988

* 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.

962K Wheel Loader Specifications

Operating Specifications

Bucket Type		Material Handling – Fusion QC						High Lift Change in Specs
Edge Type		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	2904	2778	2778	2868	2742	2742	288
	ft/in	9'6"	9'1"	9'1"	9'4"	8'11"	8'11"	0'11"
Reach at Maximum Lift and 45° Discharge (§)	mm	1414	1516	1516	1450	1552	1552	101
	ft/in	4'7"	4'11"	4'11"	4'9"	5'1"	5'1"	0'4"
Reach at Level Lift Arm and Bucket Level (§)	mm	2974	3135	3135	3025	3186	3186	277
	ft/in	9'9"	10'3"	10'3"	9'11"	10'5"	10'5"	0'10"
Digging Depth (§)	mm	88	88	58	88	88	58	5
	in	3.5"	3.5"	2.3"	3.5"	3.5"	2.3"	0.2"
Overall Length	mm	8621	8793	8793	8672	8844	8844	443
	ft/in	28'4"	28'11"	28'11"	28'6"	29'1"	29'1"	1'6"
Overall Height with Bucket at Maximum Lift	mm	5860	5860	5860	5913	5913	5913	289
	ft/in	19'3"	19'3"	19'3"	19'5"	19'5"	19'5"	1'0"
Loader Clearance Circle with Bucket at Carry Position (§)	mm	13 966	14 140	14 140	13 998	14 173	14 173	308
	ft/in	45'10"	46'5"	46'5"	46'0"	46'6"	46'6"	1'1"
Static Tipping Load, Straight (ISO)*	kg	12 779	12 639	12 962	12 674	12 533	12 856	–652
	lb	28,166	27,857	28,568	27,935	27,624	28,335	–1,437
Static Tipping Load, Straight (Rigid Tire)*	kg	13 504	13 363	13 696	13 401	13 259	13 592	–748
	lb	29,764	29,453	30,187	29,537	29,223	29,957	–1,649
Static Tipping Load, Articulated (ISO)*	kg	10 905	10 765	11 070	10 805	10 665	10 970	–635
	lb	24,034	23,726	24,398	23,816	23,505	24,178	–1,400
Static Tipping Load, Articulated (Rigid Tire)*	kg	11 652	11 511	11 826	11 554	11 412	11 728	–723
	lb	25,681	25,370	26,065	25,466	25,153	25,848	–1,594
Breakout Force** (§)	kN	151	149	162	145	144	156	–1
	lb	33,932	33,696	36,525	32,677	32,440	35,091	–286
Operating Weight*	kg	20 955	21 063	20 906	21 009	21 117	20 960	550
	lb	46,184	46,422	46,076	46,303	46,541	46,195	1,211

* 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.

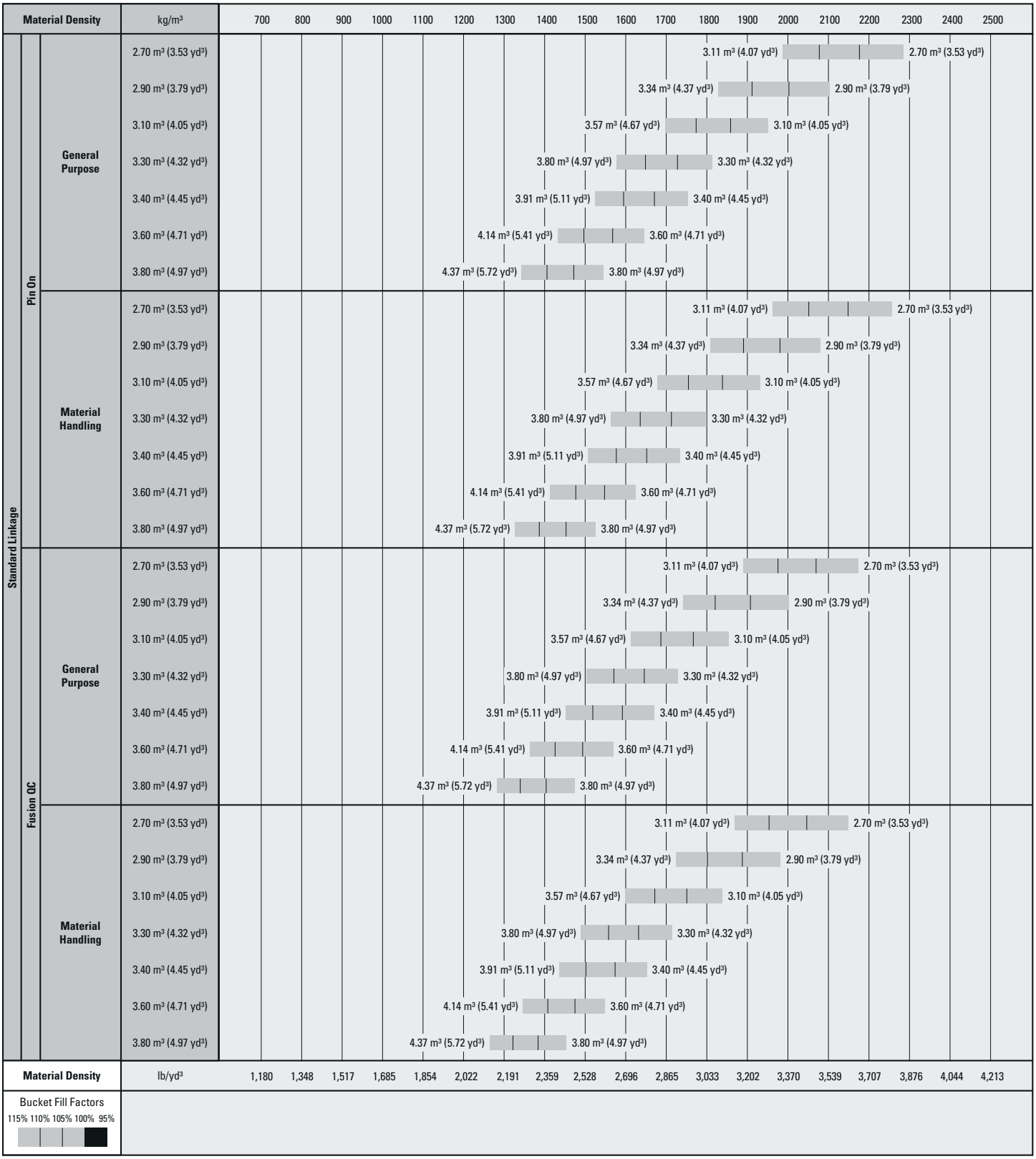
*** Rock bucket specifications are given on Michelin 23.5R25 XLDD2 L5 Radial tires.

(§) 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.

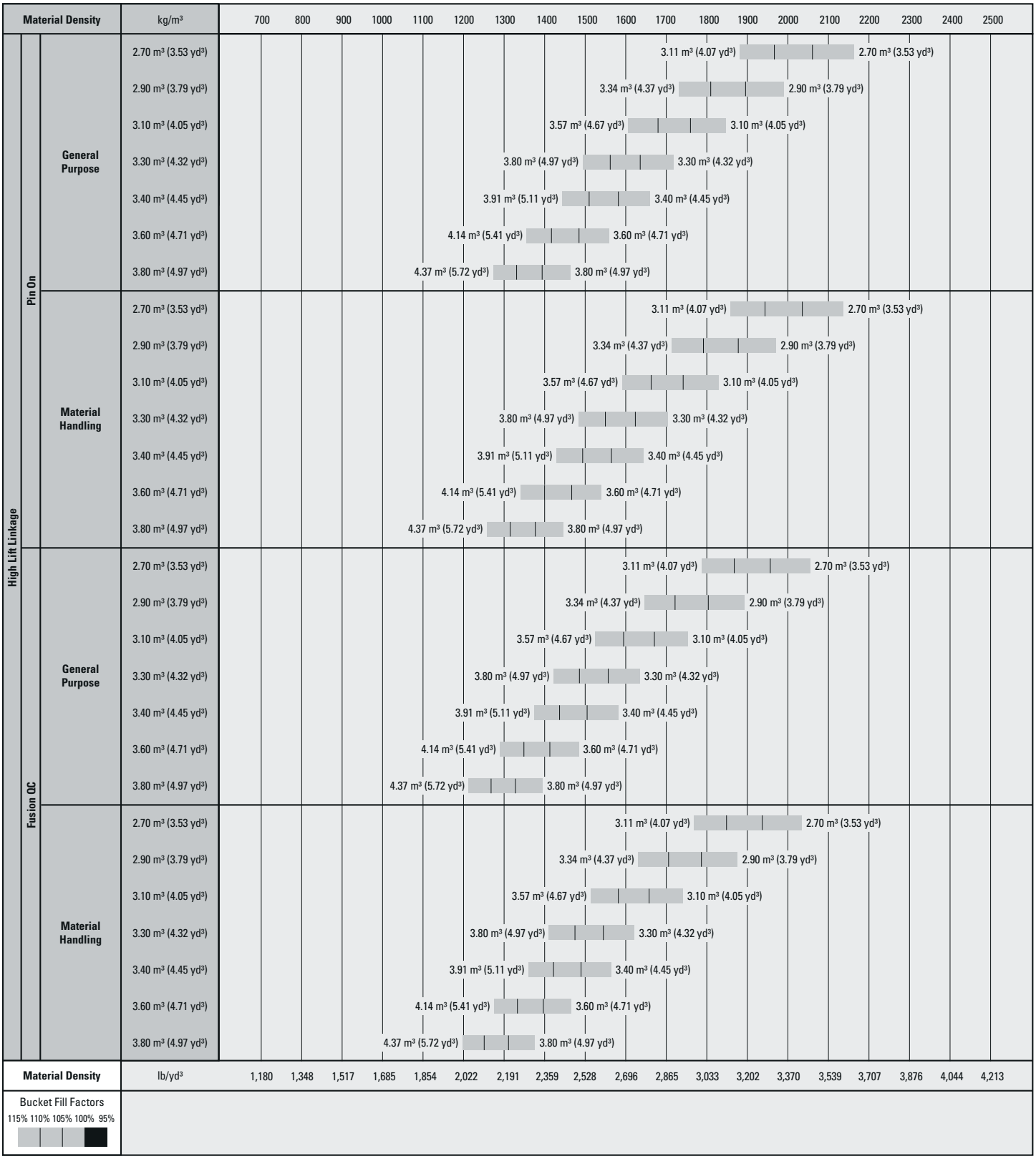
Bucket Selection Charts



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

962K Wheel Loader Specifications

Bucket Selection Charts



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

	Width over tires		Change in vertical dimensions		Change in operating weight		Change in static tipping load	
Tires	mm	in	mm	in	kg	lb	kg	lb
23.5R25 VSW BS L2 Radial	2844	112	–28	–1.1	96	212	61	134
23.5R25 VJT BS E3/L3 Radial	2831	111	–25	–1	184	406	116	256
23.5R25 VUT BS L2 Radial	2848	112	–29	–1.1	36	79	23	51
23.5R25 VMT BS L3 Radial	2861	113	–28	–1.1	200	441	127	180
750/65R25 VLT BS E3/L3 Radial	2974	117	–1	–0.04	744	1,640	471	1,038
23.5-25 STR LD FS L3 Bias	2788	110	–5	–0.2	–224	–538	–142	–313
23.5R25 XHA2 MX L3 Radial	2820	111	0	0	0	0	0	0
23.5R25 XLDD2 MX L5 Radial	2824	111	28	1.1	608	1,340	385	849
23.5R25 XLD MX L3 Radial	2954	116	–4	–0.2	592	1,305	375	827
725/70-25 LS 150 Titan L4 Bias	2897	114	29	1.1	708	1,561	448	988

962K 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

962K Optional Equipment

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)
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
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-Sirus (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)

962K Wheel Loader

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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