





Engine

Engine Model Emissions

Cat[®] C15 ACERT[™] U.S. EPA Tier 4 Final/EU Stage IV, or China Nonroad Stage III and Brazil MAR-1 equivalent to Tier 3 and Stage IIIA 335 kW 449 hp

| Buckets | | |
|--|-----------------------|--------------------------|
| Bucket Capacities | 5-10.3 m ³ | 6.5-13.5 yd ³ |
| Operating Specifications | | |
| Rated Payload – Quarry Face | 10 tonnes | 11 tons |
| Rated Payload – Loose Material (Standard) | 12.7 tonnes | 14 tons |
| Rated Payload – Loose Material (High Lift) | 11 tonnes | 12.1 tons |
| Operating Weight | 44 818 kg | 98,806 lb |
| | | |

Lower your cost per ton with built-in durability.



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Cat[®] Large Wheel Loaders are designed with durability built in, ensuring maximum availability through multiple life cycles. With optimized performance and simplified serviceability, our machines allow you to move more material efficiently and safely at a lower cost per ton.

The new 986K builds upon this legacy of durability, performance, safety, operator comfort, serviceability and sustainability.

Structures Best built for the toughest conditions.





Lift Arms

Your key to maximum uptime and productivity is our field-proven lift arms.

- Excellent visibility to the bucket edges and work area through a Z-bar design.
- High load stresses are absorbed by the solid steel lift arms.
- Enhance strength in key pin areas through the use of one piece castings.



Robust Structures

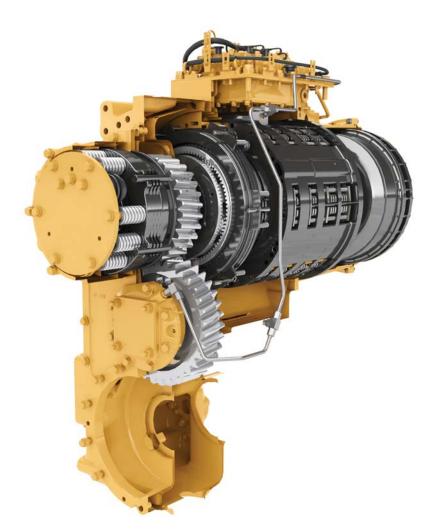
Your bottom line is improved by highly durable structures that achieve multiple life cycles and withstand the toughest loading conditions.

- Full box-section rear frame resists torsional shock and twisting forces.
- Heavy-duty steering cylinder mounts efficiently transmit loads into the frame.
- Cast axle pivot mounting areas better disperse stress loads for increased structural integrity.



Front Linkage

To ensure long life and reliability, the linkage pin joints feature a greased pin design with optional auto lube system.



Cat[®] Planetary Powershift Transmission

Building your success begins with a best-in-class transmission designed specifically for mining applications.

- Consistent, smooth shifting and efficiency through integrated electronic controls.
- Heat treated gears and shafts extend component life and maximize reliability.
- Four forward and four reverse speeds to match your application.

Cat C15 ACERT Engine

Durability and efficiency at the heart of your 986K comes from the Cat[®] C15 ACERT engine. Optimum performance is built in to this 6 cylinder turbocharged engine.

- Meets Tier 4 Final/Stage IV, or China Nonroad Stage III and Brazil MAR-1 emission standards equivalent to Tier 3 and Stage IIIA.
- Mechanically Actuated Electronic Unit Injection (MEUI™) gives the C15 ACERT complete control over injection timing, duration and pressure.
- The Advanced Diesel Engine Management (ADEM™) A4 electronic control module manages fuel delivery to optimize performance and provide quick engine response.





Power Train

Move material more efficiently with improved power and control.

Transmission Neutralizer Pedal

- Extends service brake life by neutralizing transmission as service brakes are applied.
- Allows full power to implement system while the machine is stationary during truck loading.
- 2 Set Point for Neutralization Start of service brake pressure modulation
- **3** Full Pedal Travel Maximum brake pressure



Hydraulics

Productivity enabling you to move more and make more.





Load Sense Hydraulics

Increase efficiency through our Load Sense Hydraulic System. Load sense hydraulics maximize performance by directing hydraulic fluid flow through implement and steering system only when needed.

- Lowered fuel consumption.
- Consistent performance and efficiency with lower system heat.

Electro Hydraulic Controls

Operators increase productivity with our responsive implements feature.

- Operate comfortably through electronically controlled hydraulic cylinder stops.
- Handle easy-to-use soft detent controls.
- Conveniently set automatic implement kickouts from inside the cab.

Steering System

Confident loader operation starts with precise machine control enabled by the 986K's load sensing hydraulic steering system.

- Increase efficiency with our variable displacement piston pumps.
- Achieve precise positioning for easy loading in tight areas with 35 degrees of steering articulation.
- Enhance operator comfort with integrated steering and transmission control functions.

Filtration System

Benefit from extended performance and reliability of your hydraulic system with our advanced filtration system.

- Hydraulic oil cooler return filter.
- Pilot filter.
- Return and case drain screens inside hydraulic tank.
- Axle oil cooler screens if equipped.











Your operators can work more efficiently and stay comfortable with our customer-inspired cab features.

Entry and Exit

Enter and exit the cab easily and safely with these newly designed, ergonomic features.

- Fold up STICTM steer/armrest.
- Reduced access stairway angles.
- Standard stairway lighting.

Cat Comfort Series III Seat

Enhance comfort and helps reduce operator fatigue with Cat Comfort Series III seat.

- Mid back design and extra thick, contoured cushions.
- Air suspension system.
- Easy-to-reach seat levers and controls for six way adjustments.
- Seat-mounted implement pod and STIC steer that moves with the seat.
- 76 mm (3 in) wide retractable seat belt.
- Optional 4-point seat belt.

Control Panel

Ergonomic placement of switches and information display keep your operators comfortable all day every day.

- Large backlit membrane switches feature LED activation indicators.
- Switches feature ISO symbols for quick function identification.
- Two position rocker switch activates the electro hydraulic park brake.

Operator Station Best-in-Class operator comfort and ergonomics.

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Environment

Your operator's productivity is enhanced with our clean, comfortable cab environment.

- Experience reduced vibrations from isolated cab mounts and seat air suspension.
- Maintain desired cab temperature with automatic temperature controls.
- Pressurized cab with filtered air.
- Reduced operator sound levels.
- Convenient floor storage tray/lunch box.



Technology Solutions Greater productivity through Integrated Electronic Systems.

Integrated electronics provide flexible levels of information to both the site and the operator. This integration creates a smart machine and more informed operator, maximizing the productivity of both.

Information Display

We have worked hard to help our customers and operators perform at their best through our newly upgraded touch screen information display.

- Intuitive operation and easy navigation with our enhanced user interface.
- Decrease service time by keeping operators informed about machine systems.

Cat Production Measurement

Brings payload weighing to the cab, enabling operators to weight loads on-the-go during loading operations. Loads are weighed as the bucket is raised during the lift cycle – eliminating the need to interrupt the load cycle, improving loading efficiency.

- Operators can view load weights on the information display.
- Instant feedback gives operators the confidence to work more effectively.
- Operators can track recorded weights and cycles using the display.

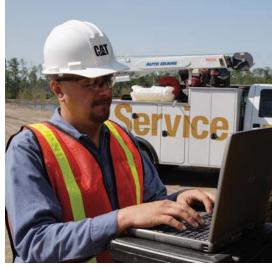
Tire Pressure Monitoring System (TPMS)

Tire pressure monitoring is a fully integrated feature which allows operators to monitor inflation of tires. Available through the Information Display, the operator can quickly see the current pressure settings and temperature of each tire.

Cat Product Link™ Elite

Take the guesswork out of asset management with Product Link remote monitoring.

- Advanced Productivity App (Available as Subscription) helps to optimize worksite operations with detailed payload, cycle, fuel report and remote truck/material list management.
- Remote access to information through the easy-to-use VisionLink® interface.
- Maximize uptime by staying informed on machine systems and diagnostic codes.
- Track machine with utilization, fuel usage, and payload summaries.
- Stay up to date on machine location, service meter hours, and reporting status.







Safety Making your safety our priority.

We are constantly improving our products in an effort to provide a safe work environment for the operator and those who work on your job site.

Machine Access

- Machines equipped with left and right hand stairs with 45 degree angle enhance safety for operators getting on and off the 986K.
- Continuous walkway with non-skid surfaces are designed into the service areas.
- Maintain three points of contact at all times through ground level or platform accessible service areas.





Visibility

- External guardrail mounted rearview mirrors ensure enhanced visibility for safe operation.
- Cat Vision and optional Cat Detect with radar increase operator awareness around the machine.
- Halogen, HID, or LED lights provide excellent workspace visibility.
- Cab mounted LED warning beacons.

Operator Environment

- Reduced vibrations to the operator with isolated cab mounts and seat mounted implement and steering controls.
- Low interior sound levels.
- Pressurized cab with filtered air.
- Standard 76 mm (3 in) seat belts on the operator seat.

Serviceability

Enabling high uptime by reducing your service time.



We can help you succeed by ensuring your 986K has design features to reduce your downtime.

- Longer service intervals on fluids and filters.
- Safe and convenient service with ground level or platform access and grouped service points.
- Centralized, ground level grease points for injecting grease into linkage pin joints.
- Centralized remote pressure taps for power train components.
- Ground electrical service center with Jump Start Receptacle, Emergency engine shutdown switch, Battery disconnect switch and Circuit breakers.

Customer Support

Your Cat dealers know how to keep your mining machines productive.

Legendary Cat Dealer Support

A valued partner, your Cat dealer is available whenever you need them.

- Preventive maintenance programs and guaranteed maintenance contracts.
- Best-in-class parts availability.
- Improve your efficiency with operator training.
- Genuine Cat Remanufactured parts.





Reducing Impact to the Environment

Sustainability is designed and built into our 986K's features.

- Engine Idle Shutdown can help you save fuel by avoiding unnecessary idling.
- Reduce waste with our maintenance free or extended maintenance batteries.
- To assist with maximizing machine life, Caterpillar provides a number of sustainable options such as our Reman and Certified Rebuild programs. In these programs, reused or remanufactured components can deliver cost savings of 40 to 70 percent, which lowers operating cost while reducing impact to the environment.
- Caterpillar offers retrofit packages to bring new features to older machines, maximizing your resource. And, when you go through the Cat Certified Rebuild program, these retrofit kits are part of the rebuild process.

Bucket Ground Engaging Tools

Protect your investment.

Performance Series Buckets

Performance Series Buckets feature an optimized profile maximizing material retention and minimizing dig time, translating into significant productivity and fuel efficiency improvements. All 986K buckets are manufactured with the Performance Series design.

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1 – Rock Buckets

Designed for use in bank or face loading of limestone and other unprocessed rock. Application also includes truck and hopper loading for a wide range of quarry materials. GET includes spade nose cutting edge with adapters, half arrow segments, bottom wear plates, and side bar protectors.

2 – Heavy Duty Rock Buckets

Designed for use in applications like face loading tightly compacted pit materials or handling materials of moderate abrasion and high impacts. GET are similar to the rock bucket with the addition of floor liner, half radius liners and bolt-on bottom edge wear plates. 20-series mechanically attached wear plates (MAWPS) are provided for additional wear protection and improved serviceability. Base edge end protection, ski plates, additional side wear plates, wings and an extra set of side bar protectors are also included.

3 – General Purpose Buckets

Designed for use primarily in stockpiling, re-handling and aggregate applications. GET includes a straight base edge with a bolt-on cutting edge system. Curved side bars are provided to aid in material retention.

4 – Coal Buckets

Designed with a larger capacity for use in applications with light density and non-abrasive materials. GET includes a straight base edge with a bolt-on cutting edge system.

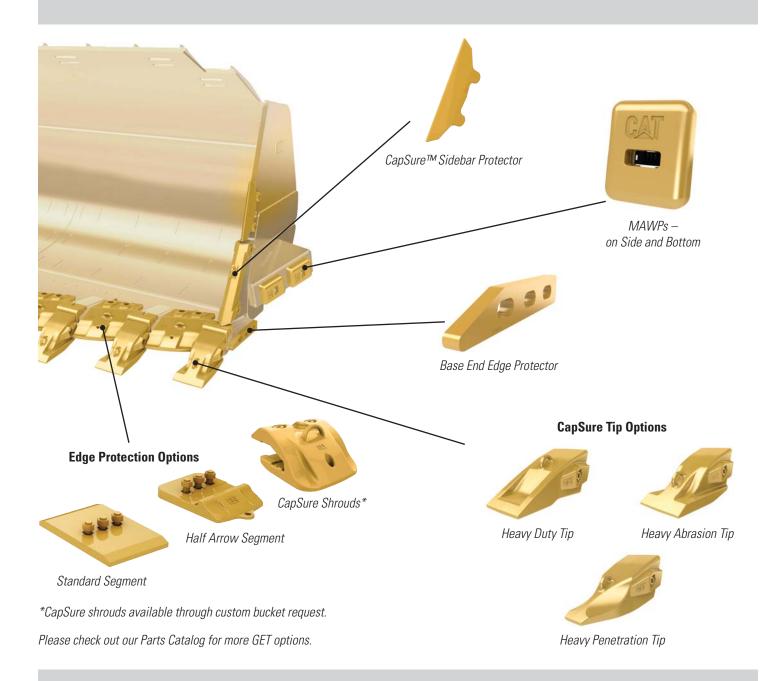






Cat Advansys[™] Ground Engaging Tools

Protect expensive components. Reduce your operating costs. Get the most out of your machine's performance. Choose from a variety of performance-built Advansys GET like these to meet your application requirements.



CapSure™ Retention Technology

Simplify GET component replacement with hammerless CapSure retention for fast, easy and safe installation. CapSure tips, shrouds and sidebar protectors are easily locked and unlocked with a 180 degree turn of a ³/₄ inch (19 mm) ratchet.



System Match Efficiency Efficient loading/hauling system starts with a perfect match.

| | 735C | 740C/745C | 770G | 772G | 773E/773G |
|---------------|------|-----------|------|------|-----------|
| Standard Lift | 3 | 4 | 4 | | |
| High Lift | | | | 5 | 6 |

Efficient Combination

For full truck payloads with minimum loading time, an efficient loading/hauling system starts with a perfect match. Cat wheel loaders are matched with Cat articulated and off-highway trucks to maximize volume of material moved at the lowest operating cost per ton.

The 986K equipped with the standard linkage is a perfect four pass match for the 770G (38.6 tonnes/42.6 tons). The 986K equipped with a high lift linkage is capable of loading a 772G (47.7 tonnes/52 tons) in 5 passes and a 773E or 773G (56 tonnes/61.7 tons) in 6 passes.

| Engine | | |
|-------------------------------------|--|---------------------|
| Engine Model | Cat C15 ACI | ERT |
| Emissions | Tier 4 Final/Stage IV, or China Nonroad Stage III and Brazil MAR-1 equivalent to Tier 3 and Stage IIIA | |
| Peak Power Speed | 1,600 rpm | |
| SAE J1995 | 340 kW | 456 hp |
| SAE J1995 (DIN) | | 462 hp |
| ISO 14396 | 335 kW | 449 hp |
| ISO 14396 (DIN) | | 455 hp |
| Rated Speed | 2,000 rpm | |
| EEC 80/1269 | 278 kW | 373 hp |
| EEC 80/1269 (DIN) | | 378 hp |
| ISO 9249 | 278 kW | 373 hp |
| ISO 9249 (DIN) | | 378 hp |
| SAE J1349 | 278 kW | 373 hp |
| SAE J1349 (DIN) | | 378 hp |
| Bore | 137 mm | 5.4 in |
| Stroke | 171.5 mm | 6.75 in |
| Displacement | 15.2 L | 927 in ³ |
| Peak Torque @ 1,200 rpm – SAE J1995 | 2411 N·m | 1,778 lb-ft |
| Torque Rise | 16% | |

Operating Specifications

| Operating Weight – Standard | 44 355 kg | 97,785 lb |
|---|-----------------------|--------------------------|
| Operating Weight – High Lift | 47 175 kg | 104,005 lb |
| Rated Payload – Standard (Quarry Face) | 10 tonnes | 11 tons |
| Rated Payload – Standard (Loose Material) | 12.7 tonnes | 14 tons |
| Rated Payload – High Lift (Quarry Face) | 10 tonnes | 11 tons |
| Rated Payload – High Lift (Loose Material) | 11 tonnes | 12.1 tons |
| Bucket Capacity Range | 5-10.3 m ³ | 6.5-13.5 yd ³ |
| Cat Truck Match – Standard | 770/735/740/745 | |
| Cat Truck Match – High Lift | 772/773 | |

Transmission

| Transmission Type | Cat Planetary | Power Shift |
|--------------------------|---------------|-------------|
| Forward 1 | 7.3 km/h | 5 mph |
| Forward 2 | 12.2 km/h | 8 mph |
| Direct Drive – Forward 2 | 12.7 km/h | 8 mph |
| Direct Drive – Forward 3 | 22 km/h | 14 mph |
| Direct Drive – Forward 4 | 39 km/h | 24 mph |
| Reverse 1 | 7.6 km/h | 5 mph |
| Reverse 2 | 13.6 km/h | 8 mph |
| Direct Drive – Reverse 2 | 14.1 km/h | 9 mph |
| Direct Drive – Reverse 3 | 25 km/h | 16 mph |
| Direct Drive – Reverse 4 | 40.8 km/h | 25.4 mph |
| | | |

Hydraulic System – Lift/Tilt

| Lift/Tilt System – Circuit | Load Sense | |
|----------------------------------|----------------------------|-------------|
| Lift/Tilt System Pumps | 2×110 cc variable | |
| | displacement | |
| Maximum Flow at 2,165 rpm | 470 L/min | 123 gal/min |
| Relief Valve Setting – Lift/Tilt | 27 900 kPa | 4,050 psi |
| Lift Cylinder – Bore | 190 mm | 7.5 in |
| Lift Cylinder – Stroke | 1138 mm | 45 in |
| Tilt Cylinder – Bore | 170 mm | 6.7 in |
| Tilt Cylinder – Stroke | 722 mm | 28.4 in |
| | | |

Hydraulic Cycle Time

| Rackback | 4.5 Seconds |
|----------------------------|--------------|
| Raise | 9 Seconds |
| Dump | 3.5 Seconds |
| Lower | 5.2 Seconds |
| Lower Float Down | 4.3 Seconds |
| Total Hydraulic Cycle Time | 21.3 Seconds |

| Service Refill Capacities | | |
|---|-------|---------|
| Fuel Tank | 535 L | 141 gal |
| Fuel Tank (Short Lift) | 481 L | 127 gal |
| Cooling Systems | 100 L | 26 gal |
| Crankcase | 34 L | 9 gal |
| Diesel Exhaust Fluid Tank (Tier 4 Final/Stage IV only) | 23 L | 6 gal |
| Transmission | 75 L | 20 gal |
| Axle Oil | | |
| Differentials and Final Drives – Front | 186 L | 49 gal |
| Differentials and Final Drives – Rear | 170 L | 45 gal |
| Hydraulic System Factory Fill | 330 L | 87 gal |
| Hydraulic System (tank only) | 130 L | 34 gal |

Air Conditioning System

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.8 kg of refrigerant which has a CO_2 equivalent of 2.574 metric tonnes.

AxlesFrontFixedRearTrunnionOscillation Angle±12.5°Oscillation Angle (chain arrangement)±8.5°

Brakes

Brakes

ISO 3450:2011

Hydraulic System – Steering

| ISO 5010:2007 | | |
|---------------------------|----------------------------------|--|
| Steering System – Circuit | Load Sense | |
| Steering System – Pump | Piston, variable displacement | |
| Maximum Flow @ 1,400 rpm | 200 L/min 52 gal/min | |
| Steering Cutoff Pressure | 27 600 kPa 4,000 psi | |
| Total Steering Angle | 70° | |

Operator Cab

ROPS/FOPS

ROPS/FOPS meet ISO 3471:2008 (ROPS) and ISO 3449:2005 Level II (FOPS)

Sound Performance

| | Standard | Suppression |
|---------------------------------|-----------|-------------|
| Operator Sound Level (ISO 6396) | 72 dB(A) | 72 dB(A) |
| Machine Sound Level (ISO 6395) | 112 dB(A) | 110 dB(A) |

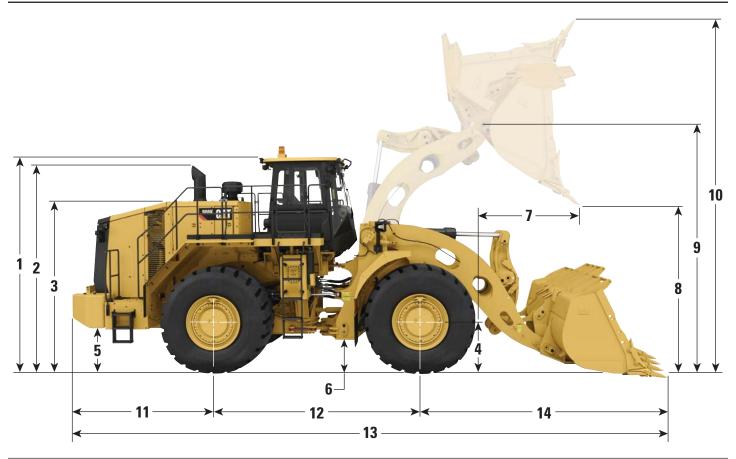
• The operator sound pressure level was measured according to the test procedures and conditions specified in ISO 6396:2008. The measurement was conducted at 70 percent of the maximum engine cooling fan speed.

• Hearing protection may be needed when the machine is operated with a cab that is not properly maintained or when the doors or windows are open for extended periods or in a noisy environment.

• The machine sound power level was measured according to the test procedures and conditions specified in ISO 6395:2008. The measurement was conducted at 70 percent of the maximum engine cooling fan speed.

Dimensions

All dimensions are approximate.



| | Standard Lif | ft Linkage | High Lift l | Linkage | |
|---|--------------|------------|-------------|---------|--|
| 1 Ground to Top of ROPS | 4100 mm | 13.5 ft | 4100 mm | 13.5 ft | |
| 2 Ground to Top of Exhaust Stacks | 4060 mm | 13.3 ft | 4060 mm | 13.3 ft | |
| 3 Ground to Top of Hood | 3270 mm | 10.7 ft | 3270 mm | 10.7 ft | |
| 4 Ground to Center of Front Axle | 978 mm | 3.2 ft | 978 mm | 3.2 ft | |
| 5 Ground to Fuel Tank Clearance | 691 mm | 2.3 ft | 691 mm | 2.3 ft | |
| 6 Ground to Lower Hitch Clearance | 459 mm | 1.5 ft | 459 mm | 1.5 ft | |
| 7 Reach at Maximum Lift | 2175 mm | 7.1 ft | 2248 mm | 7.4 ft | |
| 8 Clearance at Maximum Lift | 3079 mm | 10.1 ft | 3538 mm | 11.6 ft | |
| 9 B-Pin Height at Maximum Lift | 4912 mm | 16.1 ft | 5371 mm | 17.6 ft | |
| 10 Maximum Overall Height, Bucket Raised | 6817 mm | 22.4 ft | 7276 mm | 23.9 ft | |
| 11 Rear Axle Center Line to Bumper | 3132 mm | 10.3 ft | 3132 mm | 10.3 ft | |
| 12 Wheel Base | 3810 mm | 12.5 ft | 3810 mm | 12.5 ft | |
| 13 Maximum Overall Length | 11 143 mm | 36.6 ft | 11 591 mm | 38.0 ft | |
| 14 Front Axle Centerline to Bucket Tip | 4201 mm | 13.8 ft | 4649 mm | 15.3 ft | |

Note: Specs are calculated with a 6.1 m³ (8.0 yd³) rock bucket.

Bucket Capacity/Material Density Selection Guide

| ock Buckets – Standard Lift/High Lift – 10 tonnes (11 tons) Rated Payload (Quarry Face) | | | | | | | |
|---|-------------|-----------------------|----------------------|----------------|-----------------|--|--|
| | Material | Bucket | Volume | | | | |
| kg/m³ | lb/yd³ | tonnes/m ³ | tons/yd ³ | m ³ | yd ³ | | |
| 1632-1795 | 2,750-3,025 | 1.63-1.80 | 1.38-1.51 | 6.1 | 8.0 | | |
| 1740-1914 | 2,933-3,227 | 1.74-1.91 | 1.46-1.61 | 5.7 | 7.5 | | |
| 1865-2051 | 3,143-3,457 | 1.86-2.05 | 1.57-1.73 | 5.4 | 7.0 | | |

General Purpose Buckets – Standard Lift – 12.7 tonnes (14 tons) Rated Payload (Loose Material)*

| | Material | Bucket Volume | | | |
|-----------|-------------|-----------------------|----------------------|-----------------------|-----------------|
| kg/m³ | lb/yd³ | tonnes/m ³ | tons/yd ³ | m ³ | yd ³ |
| 1512-1663 | 2,545-2,800 | 1.51-1.66 | 1.27-1.40 | 8.4 | 11 |
| 1671-1838 | 2,800-3,080 | 1.67-1.84 | 1.40-1.54 | 7.6 | 10 |
| 1984-2183 | 3,111-3,422 | 1.98-2.18 | 1.56-1.71 | 6.9 | 9 |

General Purpose Buckets - High Lift - 11 tonnes (12.1 tons) Rated Payload (Loose Material)

| | Materia | Bucket | Volume | | |
|-----------|--------------------|-----------------------|----------------------|----------------|-----------------|
| kg/m³ | lb/yd ³ | tonnes/m ³ | tons/yd ³ | m ³ | yd ³ |
| 1310-1440 | 2,200-2,420 | 1.31-1.44 | 1.10-1.21 | 8.4 | 11 |
| 1447-1592 | 2,420-2,662 | 1.45-1.59 | 1.21-1.33 | 7.6 | 10 |
| 1719-1891 | 2,689-2,958 | 1.72-1.89 | 1.34-1.48 | 6.9 | 9 |

*Requires aggregate handler attachment.

Note: Rated Payload is the material weight in the bucket that the loader is designed to carry, excluding the weight of the bucket, GET, and wear material. Rated Payloads are published at 100%, even though Caterpillar does allow 110%. These values are given in terms of mass. There is no consideration to loose density weights of various materials since they are so diverse.

Operating Specifications – Standard Lift

| Bucket Type | | | Rock | | HD Rock |
|--|-----------------|------------------|---------------------|------------------|---------------------|
| Ground Engaging Tools | | | Teeth & Segments | | Teeth & Segments |
| Cutting Edge Type | | | Spade | | Spade |
| Bucket Part No. | | 527-4050 | 527-4060 | 525-6140 | 527-4070 |
| Struck Capacity | m ³ | 4.4 | 4.8 | 5.1 | 4.4 |
| 1 5 | yd³ | 5.8 | 6.2 | 6.7 | 5.8 |
| Heaped Capacity (rated) | m ³ | 5.4 | 5.7 | 6.1 | 5.4 |
| | yd ³ | 7.0 | 7.5 | 8.0 | 7.0 |
| Width | mm | 3812 | 3812 | 3812 | 3840 |
| | ft | 12.5 | 12.5 | 12.5 | 12.6 |
| Dump Clearance at Full Lift and 45° Discharge (edge) | mm | 3363 | 3317 | 3278 | 3346 |
| | ft | 11.0 | 10.9 | 10.8 | 11.0 |
| Dump Clearance at Full Lift and 45° Discharge (with teeth) | mm | 3164 | 3118 | 3079 | 3116 |
| | ft | 10.4 | 10.2 | 10.1 | 10.2 |
| Reach at Lift and 45° Discharge (edge) | mm | 1922 | 1968 | 2007 | 1969 |
| | ft | 6.3 | 6.5 | 6.6 | 6.5 |
| Reach at Lift and 45° Discharge (with teeth) | mm | 2090 | 2136 | 2175 | 2143 |
| | ft | 6.9 | 7.0 | 7.1 | 7.0 |
| Reach with Lift Arms Horizontal and Bucket Level | mm | 3820 | 3885 | 3940 | 3891 |
| | ft | 12.5 | 12.7 | 12.9 | 12.8 |
| Digging Depth | mm | 155 | 155 | 155 | 134 |
| | in | 6.1 | 6.1 | 6.1 | 5.3 |
| Overall Length | mm | 11 023 | 11 088 | 11 143 | 11 077 |
| | ft | 36.2 | 36.4 | 36.6 | 36.3 |
| Overall Height with Bucket at Full Raise | mm | 6716 | 6771 | 6817 | 6716 |
| | ft | 22.0 | 22.2 | 22.4 | 22.0 |
| Loader Clearance Turning Radius (SAE carry with teeth) | mm | 8714 | 8731 | 8745 | 8752 |
| | ft | 28.6 | 28.6 | 28.7 | 28.7 |
| Full Dump Angle | deg | -50 | -50 | -50 | -50 |
| Static Tipping Load Straight (no tire squash) | kg | 28 760 | 28 557 | 28 400 | 27 744 |
| | lb | 63,404 | 62,958 | 62,611 | 61,165 |
| Static Tipping Load Straight (with tire squash) | kg | 27 211 | 26 999 | 26 834 | 26 204 |
| | lb | 59,990 | 59,523 | 59,159 | 57,770 |
| Static Tipping Load – Full Turn (articulated 35°) (no tire squash) | kg | 25 403 | 25 207 | 25 056 | 24 387 |
| | lb | 56,004 | 55,572 | 55,238 | 53,765 |
| Static Tipping Load – Full Turn (articulated 35°) (with tire squash) | kg | 23 110 | 22 902 | 22 742 | 22 106 |
| | lb | 50,949 | 50,490 | 50,137 | 48,735 |
| Breakout Force | kN | 336 | 323 | 313 | 325 |
| | lbf | 75,576 | 72,620 | 70,292 | 72,961 |
| Operating Weight | kg | 44 605 | 44 732 | 44 818 | 45 505 |
| | lb | 98,336 | 98,616 | 98,806 | 100,320 |
| Weight Distribution at SAE Carry (unloaded) – Front | kg 1b | 23 207 | 23 440 51 676 | 23 602 52 034 | 24 767 |
| Weight Distribution of CAE Comm. (autor 1, 1, 1) Dec. | lb | 51,162 | 51,676 | 52,034 | 54,601 |
| Weight Distribution at SAE Carry (unloaded) – Rear | kg lb | 21 398 47,174 | 21 292 46,940 | 21 215 | 20 738 |
| Weight Distribution at CAE Comm (1 - 1 - 1) - Event | - | | - | 46,772 | 45,719 |
| Weight Distribution at SAE Carry (loaded) – Front | kg lb | 39 865 87,887 | 40 131 88,475 | 40 324 88,898 | 41 412 91,297 |
| Weight Distribution at SAE Course (loaded) Dear | | | | | |
| Weight Distribution at SAE Carry (loaded) – Rear | kg 1b | 14 740 | 14 600 32 188 | 14 494 31 954 | 14 093 |
| | lb | 32,496 | 32,188 | 31,954 | 31,070 |

Operating Specifications – Standard Lift

| Bucket Type | | 1 | General | Purpose | | Serrated | Coal | |
|--|----------------|-------------------------------|------------------|------------------|------------------|------------------|------------------|--|
| Ground Engaging Tools | | | BC | DCE | | | BOCE | |
| Cutting Edge Type | | | Stra | aight | | Spade | Straight | |
| Bucket Part No. | | 512-1180 513-7400 513-7420 47 | | | | 519-1465 | 513-7450 | |
| Struck Capacity | m ³ | 5.2 | 5.9 | 6.6 | 7.3 | 5.1 | 9.0 | |
| | yd³ | 6.8 | 7.7 | 8.6 | 9.6 | 6.7 | 11.8 | |
| Heaped Capacity (rated) | m ³ | 6.1 | 6.9 | 7.7 | 8.4 | 6.1 | 10.3 | |
| | yd³ | 8.0 | 9.0 | 10.0 | 11.0 | 8.0 | 13.5 | |
| Width | mm | 3729 | 3729 | 3729 | 3729 | 3812 | 3729 | |
| | ft | 12.2 | 12.2 | 12.2 | 12.2 | 12.5 | 12.2 | |
| Dump Clearance at Full Lift and 45° Discharge (edge) | mm | 3488 | 3403 | 3311 | 3222 | 3328 | 3117 | |
| | ft | 11.4 | 11.2 | 10.9 | 10.6 | 10.9 | 10.2 | |
| Dump Clearance at Full Lift and 45° Discharge | mm | - | | | | 3131 | — | |
| (with teeth) | ft | | | | | 10.3 | | |
| Reach at Lift and 45° Discharge (edge) | mm | 1815 | 1900 | 1992 | 2081 | 2013 | 2161 | |
| | ft | 6.0 | 6.2 | 6.5 | 6.8 | 6.6 | 7.1 | |
| Reach at Lift and 45° Discharge (with teeth) | mm G | - | _ | | _ | 2210 | | |
| | ft | - | | 2646 | 2772 | 7.3 | | |
| Reach with Lift Arms Horizontal and Bucket Level | mm ft | 3396 | 3516 11.5 | 3646 12.0 | 3772 12.4 | 3928 12.9 | 3903 12.8 | |
| Digging Depth | | 143 | 143 | 12.0 | 12.4 | 12.9 | 12.8 | |
| Digging Depti | mm in | 5.6 | 5.6 | 5.6 | 5.6 | 4.5 | 6.3 | |
| Overall Length | mm | 10 589 | 10 709 | 10 839 | 10 965 | 11 099 | 11 110 | |
| Overall Length | ft | 34.7 | 35.1 | 35.6 | 36.0 | 36.4 | 36.4 | |
| Overall Height with Bucket at Full Raise | mm | 6860 | 6964 | 7078 | 7000 | 6779 | 7219 | |
| overan freight with Ducket at I an Raise | ft | 22.5 | 22.8 | 23.2 | 23.0 | 22.2 | 23.7 | |
| Loader Clearance Turning Radius (SAE carry with teeth) | mm | 8663 | 8693 | 8727 | 8761 | 8769 | 8832 | |
| | ft | 28.4 | 28.5 | 28.6 | 28.7 | 28.8 | 29.0 | |
| Full Dump Angle | deg | -50 | -50 | -50 | -50 | -50 | -50 | |
| Static Tipping Load Straight (no tire squash) | kg | 29 324 | 28 943 | 28 546 | 28 212 | 28 869 | 27 788 | |
| | lb | 64,649 | 63,808 | 62,933 | 62,196 | 63,646 | 61,261 | |
| Static Tipping Load Straight (with tire squash) | kg | 27 729 | 27 331 | 26 916 | 26 566 | 27 305 | 26 080 | |
| | lb | 61,132 | 60,254 | 59,340 | 58,568 | 60,197 | 57,496 | |
| Static Tipping Load – Full Turn (articulated 35°) | kg | 25 962 | 25 594 | 25 211 | 24 890 | 25 535 | 24 465 | |
| (no tire squash) | lb | 57,237 | 56,426 | 55,581 | 54,874 | 56,295 | 53,936 | |
| Static Tipping Load – Full Turn (articulated 35°) | kg | 23 611 | 23 223 | 22 817 | 22 477 | 23 223 | 21 973 | |
| (with tire squash) | lb | 52,053 | 51,198 | 50,303 | 49,553 | 51,198 | 48,442 | |
| Breakout Force | kN | 374 | 346 | 319 | 297 | 323 | 275 | |
| | lbf | 84,131 | 77,794 | 71,825 | 66,831 | 72,664 | 61,799 | |
| Operating Weight | kg | 44 255 | 44 486 | 44 730 | 44 905 | 44 391 | 45 332 | |
| | lb | 97,564 | 98,074 | 98,612 | 98,997 | 97,864 | 99,939 | |
| Weight Distribution at SAE Carry (unloaded) – Front | kg | 22 496 | 22 913 | 23 357 | 23 692 | 22 811 | 24 503 | |
| | lb | 49,594 | 50,514 | 51,493 | 52,233 | 50,290 | 54,019 | |
| Weight Distribution at SAE Carry (unloaded) – Rear | kg Ib | 21 759 | 21 573 | 21 373 | 21 212 | 21 579 | 20 829 | |
| Weight Distribution at SAE Commy (log dod) - Erect | lb kg | 47,970 | 47,560 | 47,119 | 46,765 | 47,574 | 45,920 | |
| Weight Distribution at SAE Carry (loaded) – Front | kg lb | 39 169 86,353 | 39 653 87,421 | 40 168 88,554 | 40 571 89,445 | 39 642 87,395 | 41 621 91,759 | |
| Weight Distribution at SAE Communicated) Deca | | | | | | 1 | | |
| Weight Distribution at SAE Carry (loaded) – Rear | kg lb | 15 085 | 14 832 32,699 | 14 562 32,104 | 14 333 31,599 | 14 749 | 13 710 30 226 | |
| | 10 | 33,257 | 52,099 | 52,104 | 51,599 | 32,516 | 30,226 | |

BOCE = Bolt-on Cutting Edge

Operating Specifications – Standard Lift Aggregate Package

| Bucket Type | | | General | Purpose | | Coal | |
|--|-----------------|----------|----------|----------|----------|----------|--|
| Ground Engaging Tools | | | BC | CE | | BOCE | |
| Cutting Edge Type | | | Stra | ight | | Straight | |
| Bucket Part No. | | 512-1180 | 513-7400 | 513-7420 | 477-1900 | 513-7450 | |
| Struck Capacity | m ³ | 5.2 | 5.9 | 6.6 | 7.3 | 9.0 | |
| 1 2 | yd ³ | 6.8 | 7.7 | 8.6 | 9.6 | 11.8 | |
| Heaped Capacity (rated) | m ³ | 6.1 | 6.9 | 7.7 | 8.4 | 10.3 | |
| | yd ³ | 8.0 | 9.0 | 10.0 | 11.0 | 13.5 | |
| Width | mm | 3729 | 3729 | 3729 | 3729 | 3729 | |
| | ft | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | |
| Dump Clearance at Full Lift and 45° Discharge (edge) | mm | 3488 | 3403 | 3311 | 3222 | 3117 | |
| | ft | 11.4 | 11.2 | 10.9 | 10.6 | 10.2 | |
| Dump Clearance at Full Lift and 45° Discharge | mm | _ | | | | | |
| (with teeth) | ft | | | | | _ | |
| Reach at Lift and 45° Discharge (edge) | mm | 1815 | 1900 | 1992 | 2081 | 2161 | |
| | ft | 6.0 | 6.2 | 6.5 | 6.8 | 7.1 | |
| Reach at Lift and 45° Discharge (with teeth) | mm | | _ | _ | _ | _ | |
| - · · · | ft | _ | | | | _ | |
| Reach with Lift Arms Horizontal and Bucket Level | mm | 3396 | 3516 | 3646 | 3772 | 3903 | |
| | ft | 11.1 | 11.5 | 12.0 | 12.4 | 12.8 | |
| Digging Depth | mm | 143 | 143 | 143 | 143 | 160 | |
| | in | 5.6 | 5.6 | 5.6 | 5.6 | 6.3 | |
| Overall Length | mm | 10 589 | 10 709 | 10 839 | 10 965 | 11 110 | |
| | ft | 34.7 | 35.1 | 35.6 | 36.0 | 36.4 | |
| Overall Height with Bucket at Full Raise | mm | 6860 | 6964 | 7078 | 7000 | 7219 | |
| | ft | 22.5 | 22.8 | 23.2 | 23.0 | 23.7 | |
| Loader Clearance Turning Radius (SAE carry with teeth) | mm | 8663 | 8693 | 8727 | 8761 | 8832 | |
| | ft | 28.4 | 28.5 | 28.6 | 28.7 | 29.0 | |
| Full Dump Angle | deg | -50 | -50 | -50 | -50 | -50 | |
| Static Tipping Load Straight (no tire squash) | kg | 35 054 | 34 650 | 34 230 | 33 873 | 33 451 | |
| | lb | 77,281 | 76,389 | 75,464 | 74,676 | 73,746 | |
| Static Tipping Load Straight (with tire squash) | kg | 33 028 | 32 605 | 32 162 | 31 785 | 31 281 | |
| | lb | 72,814 | 71,882 | 70,905 | 70,074 | 68,963 | |
| Static Tipping Load – Full Turn (articulated 35°) | kg | 30 959 | 30 571 | 30 168 | 29 827 | 29 404 | |
| (no tire squash) | lb | 68,254 | 67,398 | 66,509 | 65,758 | 64,824 | |
| Static Tipping Load – Full Turn (articulated 35°) | kg | 27 835 | 27 421 | 26 989 | 26 625 | 26 099 | |
| (with tire squash) | lb | 61,366 | 60,453 | 59,500 | 58,698 | 57,538 | |
| Breakout Force | kN | 374 | 346 | 319 | 297 | 275 | |
| | lbf | 84,131 | 77,794 | 71,825 | 66,831 | 61,799 | |
| Operating Weight | kg | 46 695 | 46 926 | 47 170 | 47 345 | 47 772 | |
| | lb | 102,944 | 103,453 | 103,991 | 104,377 | 105,318 | |
| Weight Distribution at SAE Carry (unloaded) – Front | kg | 20 746 | 21 163 | 21 607 | 21 942 | 22 752 | |
| | lb | 45,736 | 46,655 | 47,635 | 48,374 | 50,160 | |
| Weight Distribution at SAE Carry (unloaded) – Rear | kg | 25 949 | 25 763 | 25 563 | 25 402 | 25 019 | |
| | lb | 57,208 | 56,798 | 56,356 | 56,003 | 55,158 | |
| Weight Distribution at SAE Carry (loaded) – Front | kg | 41 929 | 42 431 | 42 965 | 43 387 | 44 501 | |
| | lb | 92,438 | 93,545 | 94,720 | 95,652 | 98,109 | |
| Weight Distribution at SAE Carry (loaded) – Rear | kg | 17 466 | 17 195 | 16 906 | 16 659 | 15 971 | |
| | lb | 38,507 | 37,909 | 37,271 | 36,726 | 35,210 | |

BOCE = Bolt-on Cutting Edge

Operating Specifications – High Lift

| Bucket Type | | | Rock | | HD Rock |
|--|-----------------|----------|---------------------|----------|---------------------|
| Ground Engaging Tools | | | Teeth & Segments | | Teeth & Segments |
| Cutting Edge Type | | | Spade | | Spade |
| Bucket Part No. | | 527-4050 | 527-4060 | 525-6140 | 527-4070 |
| Struck Capacity | m ³ | 4.4 | 4.8 | 5.1 | 4.4 |
| | yd ³ | 5.8 | 6.2 | 6.7 | 5.8 |
| Heaped Capacity (rated) | m ³ | 5.4 | 5.7 | 6.1 | 5.4 |
| | yd ³ | 7.0 | 7.5 | 8.0 | 7.0 |
| Width | mm | 3812 | 3812 | 3812 | 3840 |
| | ft | 12.5 | 12.5 | 12.5 | 12.6 |
| Dump Clearance at Full Lift and 45° Discharge (edge) | mm | 3821 | 3775 | 3737 | 3805 |
| | ft | 12.5 | 12.4 | 12.3 | 12.5 |
| Dump Clearance at Full Lift and 45° Discharge (with teeth) | mm | 3623 | 3577 | 3538 | 3575 |
| | ft | 11.9 | 11.7 | 11.6 | 11.7 |
| Reach at Lift and 45° Discharge (edge) | mm | 1995 | 2041 | 2080 | 2042 |
| | ft | 6.5 | 6.7 | 6.8 | 6.7 |
| Reach at Lift and 45° Discharge (with teeth) | mm | 2163 | 2209 | 2248 | 2216 |
| ~ <i>` ` ` `</i> | ft | 7.1 | 7.2 | 7.4 | 7.3 |
| Reach with Lift Arms Horizontal and Bucket Level | mm | 4184 | 4249 | 4304 | 4255 |
| | ft | 13.7 | 13.9 | 14.1 | 14.0 |
| Digging Depth | mm | 203 | 203 | 203 | 181 |
| | in | 8.0 | 8.0 | 8.0 | 7.1 |
| Overall Length | mm | 11 471 | 11 536 | 11 591 | 11 528 |
| | ft | 37.6 | 37.8 | 38.0 | 37.8 |
| Overall Height with Bucket at Full Raise | mm | 7174 | 7230 | 7276 | 7174 |
| | ft | 23.5 | 23.7 | 23.9 | 23.5 |
| Loader Clearance Turning Radius (SAE carry with teeth) | mm | 8914 | 8932 | 8948 | 8952 |
| | ft | 29.2 | 29.3 | 29.4 | 29.4 |
| Full Dump Angle | deg | -50 | -50 | -50 | -50 |
| Static Tipping Load Straight (no tire squash) | kg | 29 417 | 29 221 | 29 070 | 28 415 |
| | lb | 64,853 | 64,422 | 64,088 | 62,644 |
| Static Tipping Load Straight (with tire squash) | kg | 27 919 | 27 714 | 27 555 | 26 924 |
| | lb | 61,551 | 61,099 | 60,748 | 59,357 |
| Static Tipping Load – Full Turn (articulated 35°) (no tire squash) | kg | 25 805 | 25 616 | 25 471 | 24 803 |
| | lb | 56,891 | 56,473 | 56,153 | 54,682 |
| Static Tipping Load – Full Turn (articulated 35°) (with tire squash) | kg | 23 428 | 23 225 | 23 070 | 22 436 |
| | lb | 51,650 | 51,202 | 50,861 | 49,463 |
| Breakout Force | kN | 336 | 323 | 312 | 324 |
| | lbf | 75,501 | 72,547 | 70,222 | 72,875 |
| Operating Weight | kg | 47 425 | 47 552 | 47 638 | 48 325 |
| | lb | 104,553 | 104,833 | 105,023 | 106,537 |
| Weight Distribution at SAE Carry (unloaded) – Front | kg | 22 883 | 23 132 | 23 304 | 24 558 |
| | lb | 50,449 | 50,997 | 51,377 | 54,140 |
| Weight Distribution at SAE Carry (unloaded) – Rear | kg | 24 541 | 24 420 | 24 333 | 23 767 |
| | lb | 54,104 | 53,837 | 53,646 | 52,397 |
| Weight Distribution at SAE Carry (loaded) - Front | kg | 40 772 | 41 053 | 41 255 | 42 438 |
| | lb | 89,886 | 90,507 | 90,952 | 93,559 |
| Weight Distribution at SAE Carry (loaded) - Rear | kg | 16 653 | 16 498 | 16 382 | 15 887 |
| | lb | 36,713 | 36,372 | 36,117 | 35,024 |

Operating Specifications – High Lift

| Bucket Type | | | General | Purpose | | Serrated | Coal | |
|--|-----------------|----------------|----------------|----------------|----------------|----------------|------------------------------|--|
| Ground Engaging Tools | | | BC | DCE | | | BOCE Straight 513-7450 | |
| Cutting Edge Type | | | Stra | aight | | Spade | | |
| Bucket Part No. | | 512-1180 | 513-7400 | 513-7420 | 477-1900 | 519-1465 | | |
| Struck Capacity | m ³ | 5.2 | 5.9 | 6.6 | 7.3 | 5.1 | 9.0 | |
| | yd ³ | 6.8 | 7.7 | 8.6 | 9.6 | 6.7 | 11.8 | |
| Heaped Capacity (rated) | m ³ | 6.1 | 6.9 | 7.7 | 8.4 | 6.1 | 10.3 | |
| | yd³ | 8.0 | 9.0 | 10.0 | 11.0 | 8.0 | 13.5 | |
| Width | mm | 3729 | 3729 | 3729 | 3729 | 3812 | 3729 | |
| | ft | 12.2 | 12.2 | 12.2 | 12.2 | 12.5 | 12.2 | |
| Dump Clearance at Full Lift and 45° Discharge (edge) | mm | 3946 | 3862 | 3770 | 3680 | 3787 | 3575 | |
| | ft | 12.9 | 12.7 | 12.4 | 12.1 | 12.4 | 11.7 | |
| Dump Clearance at Full Lift and 45° Discharge | mm | - | — | — | — | 3590 | | |
| (with teeth) | ft | | | | | 11.8 | | |
| Reach at Lift and 45° Discharge (edge) | mm | 1888 | 1972 | 2064 | 2154 | 2086 | 2234 | |
| | ft | 6.2 | 6.5 | 6.8 | 7.1 | 6.8 | 7.3 | |
| Reach at Lift and 45° Discharge (with teeth) | mm | - | — | | | 2283 | _ | |
| | ft | | | | | 7.5 | | |
| Reach with Lift Arms Horizontal and Bucket Level | mm | 3760 | 3880 | 4010 | 4136 | 4292 | 4267 | |
| | ft | 12.3 | 12.7 | 13.2 | 13.6 | 14.1 | 14.0 | |
| Digging Depth | mm in | 190 | 190 7.5 | 190 7.5 | 190 | 163 | 208 8.2 | |
| | in | 7.5 | 7.5 | 7.5 | 7.5 | 6.4 | | |
| Overall Length | mm ft | 11 039 36.2 | 11 159 36.6 | 11 289 37.0 | 11 415 37.5 | 11 552 37.9 | 11 558 37.9 | |
| Overall Height with Bucket at Full Raise | - | 7319 | 7423 | 7536 | 7459 | 7237 | 7677 | |
| Overall Height with Bucket at Full Kaise | mm ft | 24.0 | 24.4 | 24.7 | 24.5 | 23.7 | 25.2 | |
| Loader Clearance Turning Radius (SAE carry with teeth) | mm | 8861 | 8894 | 8931 | 8967 | 8967 | 9038 | |
| Loader Creatance Turning Radius (SAL earry with teeth) | ft | 29.1 | 29.2 | 29.3 | 29.4 | 29.4 | 29.7 | |
| Full Dump Angle | deg | -50 | -50 | -50 | -50 | -50 | -50 | |
| Static Tipping Load Straight (no tire squash) | kg | 29 955 | 29 587 | 29 204 | 28 884 | 29 533 | 28 457 | |
| Statie Tipping Loud Straight (no the squash) | lb | 66,040 | 65,229 | 64,385 | 63,679 | 65,109 | 62,736 | |
| Static Tipping Load Straight (with tire squash) | kg | 28 416 | 28 027 | 27 623 | 27 283 | 28 019 | 26 790 | |
| | lb | 62,646 | 61,789 | 60,898 | 60,149 | 61,771 | 59,062 | |
| Static Tipping Load – Full Turn (articulated 35°) | kg | 26 339 | 25 984 | 25 614 | 25 307 | 25 943 | 24 879 | |
| (no tire squash) | lb | 58,068 | 57,285 | 56,470 | 55,793 | 57,194 | 54,848 | |
| Static Tipping Load – Full Turn (articulated 35°) | kg | 23 905 | 23 528 | 23 134 | 22 807 | 23 544 | 22 295 | |
| (with tire squash) | lb | 52,701 | 51,870 | 51,002 | 50,281 | 51,906 | 49,152 | |
| Breakout Force | kN | 374 | 346 | 319 | 297 | 323 | 275 | |
| | lbf | 84,040 | 77,709 | 71,746 | 66,757 | 72,571 | 61,739 | |
| Operating Weight | kg | 47 075 | 47 306 | 47 550 | 47 725 | 47 211 | 48 152 | |
| | lb | 103,782 | 104,291 | 104,829 | 105,215 | 104,081 | 106,156 | |
| Weight Distribution at SAE Carry (unloaded) – Front | kg | 22 131 | 22 576 | 23 049 | 23 406 | 22 457 | 24 251 | |
| | lb | 48,790 | 49,771 | 50,815 | 51,601 | 49,509 | 53,463 | |
| Weight Distribution at SAE Carry (unloaded) – Rear | kg | 24 944 | 24 730 | 24 500 | 24 319 | 24 754 | 23 901 | |
| | lb | 54,992 | 54,520 | 54,014 | 53,613 | 54,572 | 52,693 | |
| Weight Distribution at SAE Carry (loaded) – Front | kg | 40 035 | 40 546 | 41 088 | 41 512 | 40 498 | 42 557 | |
| | lb | 88,262 | 89,389 | 90,584 | 91,518 | 89,282 | 93,821 | |
| Weight Distribution at SAE Carry (loaded) – Rear | kg | 17 039 | 16 760 | 16 461 | 16 213 | 16 713 | 15 595 | |
| | lb | 37,566 | 36,948 | 36,291 | 35,743 | 36,845 | 34,381 | |

BOCE = Bolt-on Cutting Edge

Standard Equipment

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

ELECTRICAL

- Alarm, back-up
- Alternator, single 145 amp
- Batteries, dry
- Converter, 10/15 amp, 24V to 12V
- Lighting system (halogen, work lights, access and service platform lighting)
- Starting and charging system, 24V
- Starter emergency start receptacle

OPERATOR ENVIRONMENT

- Graphical Information Display, displays real time operating information, performs calibrations and customizes operator settings
- Air conditioner
- Rear vision camera system
- Cat Production Measurement ready
- Cab, sound suppressed and pressurized, integrated rollover protective structure (ROPS/FOPS) radio ready for entertainment, includes antenna, speakers and converter (12-volt 5-amp) and power port
- Controls, lift and tilt function
- Heater, defroster
- Horn, electric
- Instrumentation, gauges
- -Coolant temperature
- -Fuel level
- -DEF level
- Hydraulic oil temperature
- Power train oil temperature
- Light, cab, dome
- Lunchbox, beverage holders
- Mirrors, rearview (externally mounted)
- Seat, Cat Comfort (cloth), air suspension, six-way adjustable
- Seat belt minder
- Seat belt, retractable, 76 mm (3 in) wide
- STIC Control System
- UV glass
- Transmission gear indicator
- Wet-Arm wipers/washers (front and rear)
- Intermittent front and rear wipers
- · Lights, directional

POWER TRAIN

- Brakes, oil-cooled, multi-disc, service/ secondary
- Case drain screens
- Crankcase guard
- Electro hydraulic parking brake
- Engine, C15 ACERT MEUI diesel, turbocharged/aftercooled
- · Ground level engine shutoff
- Turbine precleaner, engine air intake
- Starting aid, ether, automatic
- Torque converter, Neutralizer
- Transmission, planetary powershift, 4F/3R electronic control
- Manual switch and automatic fuel priming

OTHER

- Automatic bucket lift kickout/positioner
- Hydraulically driven demand fan
- Couplings, Cat O-ring face seals
- Doors, service access (locking)
- Ecology drains for engine, radiator, hydraulic tank
- Fuel tank, 535 L (141 gal)
- Hitch, drawbar with pin
- Hoses, Cat XT™
- Hydraulic, steering and brake filtration/ screening system
- Cat Clean Emission Module
- Oil sampling valves
- Premixed 50% concentration of extended life coolant with freeze protection to -34° C (-29° F)
- Rear access to cab and service platform
- · Steering, load sensing
- Toe kicks
- Vandalism protection caplocks

Optional Equipment

With approximate changes in operating weights, optional equipment may vary. Consult your Cat dealer for specifics.

POWER TRAIN

- -50° C (-58° F) antifreeze
- Engine oil change system, high speed, Wiggins
- \bullet Engine block heater 120V or 240V
- $\bullet \ High \ ambient \ cooling-software$
- Cat Production Measurement

MISCELLANEOUS ATTACHMENTS

- Front and rear roading fenders
- Fast fill fuel system (Shaw-Aero)
- Cold Weather Starting (extra two batteries)
- Aggregate Handler
- Wheel chocks

OPERATOR ENVIRONMENT

- Cab powered precleaner
- Cat Detect Vision
- AM/FM/CD/MP3 radio
- Satellite Sirius radio with Bluetooth
- LED warning strobe
- CB radio ready
- Window pull down visor
- Handrail mounted mirrors

Mandatory Attachments

Select one from each group. Mandatory and optional equipment may vary. Consult your Cat dealer for specifics.

LINKAGE

- Standard with two valves
- Standard with three valves
- High Lift with two valves
- High Lift with three valves
- Autolube
- Manual grease pins

ELECTRICAL

- No Product Link
- Product Link (Satellite)
- Product Link (Cellular)
- Product Link (China Only)

STEERING

- Standard steering
- · Secondary steering

POWER TRAIN

- Axle oil cooling
- No axle oil cooling
- Standard axles
- Standard fuel lines
- Heated fuel lines
- No engine brake
- Engine brake

LIGHTING

- Standard lighting
- LED lighting

OPERATOR ENVIRONMENT

- No suppression arrangement
- Sound suppression
- Standard seat
- · Heated and ventilated seat
- Standard seat belt
- 4 point seat belt
- Standard cab glass
- Rubber mounted cab glass
- Standard mirror
- Rear vision display
- Rear vision display with Cat Detect (Object Detection)

HYDRAULICS

- Ride control
- No ride control
- Standard hydraulic oil
- Fire resistant (EcoSafe) hydraulic oil
- Cold weather hydraulic oil



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