

CAT 325 COMPACT RADIUS DESIGN

The Cat® 325 Excavator delivers powerful performance with easy-to-use technology – like Cat Grade with 2D, Grade Assist, Lift Assist, and Payload – all standard to help operators work fast and accurate.

Its compact radius design fits tight spaces, while the optional blade speeds up cleanup and leveling. With a fuel-efficient power system, extended service intervals, and an optional heavy counterweight for added lift, the 325 is built to help cut your cost per unit and excel in medium to heavy-duty jobs

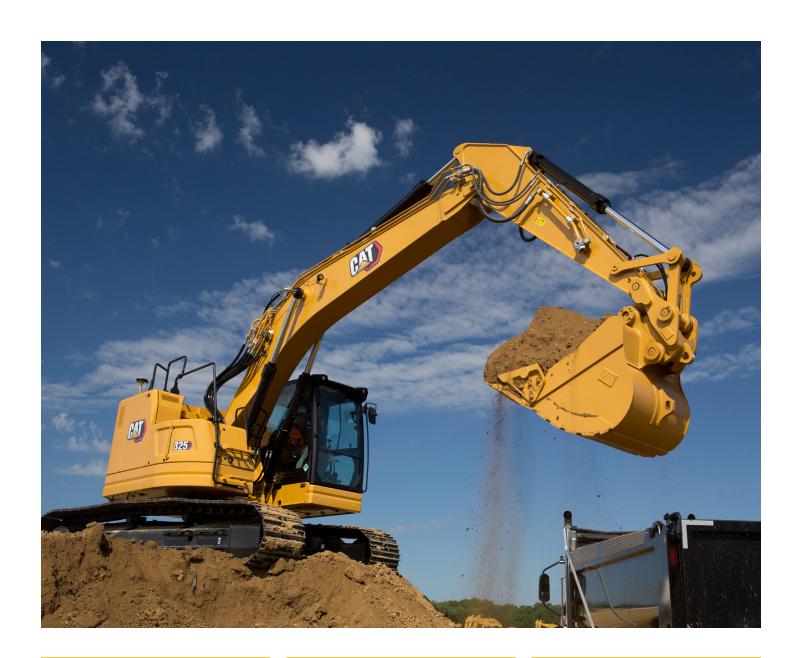


NEXT GENERATION EXCAVATORS

Cat next generation excavators offer you more choices than ever for your business.

- + MORE MODEL OPTIONS
- + MORE STANDARD TECHNOLOGIES
- + MORE PRICE POINTS

Ready to help you make your business stronger, Cat next generation excavators give you solutions to get work done at a low cost – boosting your profitability.



LOW FUEL CONSUMPTION

The machine's electro-hydraulic pump and main control valve are designed to work together for optimal power and efficiency, giving you the performance you need without wasting fuel. Smart Mode automatically adjusts engine power to match hydraulic demands, helping keep fuel consumption low. And with the Auto Reversing E-fan system, your cooling system stays cleaner longer – so you can work more and maintain less.

HIGH PERFORMANCE

Boost your productivity with built-in technology that comes standard. A heavy counterweight enhances lifting capability, while the optional blade helps make backfilling quick and easy – plus it helps keep the machine stable when working on slopes.

LOW MAINTENANCE COSTS

Spend less time on maintenance and more time getting work done. With long-lasting fuel, hydraulic oil, and air filters – plus no pilot or case drain filters to replace – you'll reduce overall filter changes throughout the life of your machine. Daily checks are safe and easy too, thanks to a ground-level engine oil check that keeps operators firmly on the ground.



CAT TECHNOLOGY

GETS JOBS DONE FASTER WITH LESS REWORK

Onboard Cat technology gives you the edge. Operators of all experience levels will dig, load, and grade with more confidence, speed, and accuracy. The result? Better productivity and lower costs.

STANDARD, SIMPLE-TO-USE TECHNOLOGIES INCLUDE:

CAT GRADE WITH ASSIST

Cat Grade with Assist adds semi-autonomous digging to help boost operator efficiency. It automates boom, stick, and bucket movements to deliver more accurate cuts with less effort. The operator simply sets the depth and slope in the monitor and activates single-lever digging. It enables operators of all skill levels to work more confidently, efficiently, and productively in most digging, sloping, leveling, fine grading, trenching, and loading jobs.

CAT GRADE WITH 2D

Cat Grade with 2D helps excavator operators work more efficiently in a wide variety of applications.* Delivering real-time guidance for accurate vertical and horizontal control, Grade with 2D helps to ensure that cuts and fills are made to exact specifications — without under or overcutting.

CAT PAYLOAD

Cat Payload provides operators with on-the-go weighing to help them hit precise load targets and avoid overloading, underloading, or misloading materials. Combine Payload with VisionLinkTM productivity** to analyze jobsites and individual assets for remote management of production targets and key metrics.

AVAILABLE OPTIONAL UPGRADES INCLUDE:

CAT GRADE WITH 3D

Cat Grade with 3D helps operators grade more quickly, accurately, and efficiently, improving productivity.* It incorporates GNSS technology and RTK positioning guidance to streamline the grading process for complex designs commonly encountered on large infrastructure and commercial projects. This system allows operators to work confidently, eliminating guesswork while cutting and filling to precise specifications.

CAT GRADE 3D READY

Cat Grade 3D Ready consists of the hardware required for the Grade with 3D system, all installed and tested from the factory. This option provides an easier upgrade path for customers who want to add Grade with 3D after their initial purchase. To activate, contact your Cat dealer to purchase the 3D software licenses. Licenses can be installed remotely or manually loaded onto the machine.

CAT OPERATOR COACHING

Cat Operator Coaching allows operators of all experience levels to improve their efficiency and productivity. With tips and data at their fingertips, operators can track and improve their productivity through everyday work on the jobsite and prevent unnecessary machine wear and tear.

^{*} Compared with traditional grading methods

^{**}Cat Payload for excavators is not legal for trade. VisionLink subscription required. Availability may vary by region. Consult your Cat dealer for more details.

CAT EQUIPMENT MANAGEMENT TECHNOLOGY

TAKES THE GUESSWORK OUT OF MANAGING YOUR FOUIPMENT

Cat equipment management telematics technology helps take the complexity out of managing your jobsites – by gathering data generated by your equipment, materials, and people and serving it up to you in customizable formats.

VISIONLINK

VisionLink takes the guesswork out of managing your entire fleet – regardless of size or equipment manufacturer.* Review equipment data from your desktop or mobile device to maximize uptime and optimize assets.

With interactive dashboards, VisionLink makes it easier for operations of all sizes to make informed decisions that lower costs, simplify maintenance, and improve safety and security on your jobsite. With different subscription-level options, your Cat dealer can help you determine what you need to connect your fleet and manage your business.



REMOTE SERVICES**

Remote Troubleshoot allows your Cat dealer to perform diagnostic testing on your connected machine remotely, pinpointing potential issues while the machine is in operation. Remote troubleshooting helps to ensure the technician arrives with the correct parts and tools the first time, eliminating additional trips to save you time and money.

Remote Flash allows you to update onboard software without a technician being present, allowing you to initiate software updates when convenient, increasing your overall operating efficiency.



CAT INSPECT

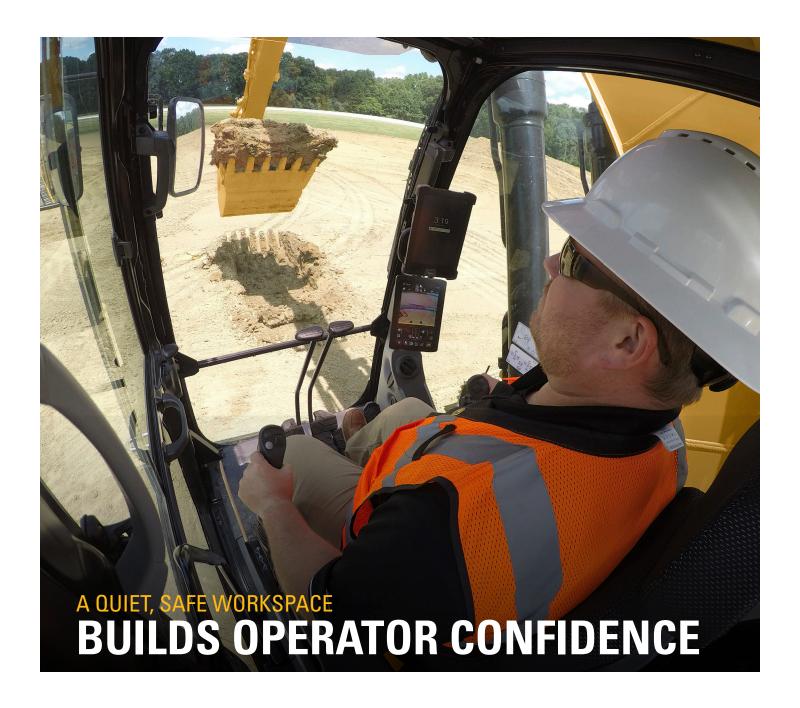
Cat Inspect is a mobile application that allows you to easily perform digital preventative maintenance checks, inspections, and daily walkarounds.

The app includes machine-specific Preventive Maintenance (PM) checklists to perform service intervals as recommended in the Operation and Maintenance Manual. Inspections can easily be integrated with other Cat data systems like VisionLink, so you can keep a close eye on your fleet.

Caterpillar releases products, services and technologies in each region at different time intervals. Please verify with your local Cat dealer for technology availability and specifications







CAB HELPS KEEP YOU SAFE

The ISO-certified rollover protective structure (ROPS) cab is sound-suppressed and sealed. The windows and lower front profile of the machine give outstanding visibility to the work area without the strain of constantly leaning forward.

ALL-AROUND VISIBILITY

Standard rearview and right-hand-sideview cameras keep operators aware of their surroundings at all times. An optional 360° visibility feature is also available.

EASY ACCESS, STORAGE, AND CONNECTIVITY

Convenience features include Bluetooth® integrated radio, USB ports for charging and phone connectivity, 12V DC outlets and AUX port, storage in rear, overhead, and console compartments, and cup and bottle holders.





TOUCHSCREEN MONITOR

Most machine settings can be controlled through the high-resolution 254 mm (10 in) touchscreen monitor. It offers 42 languages and is easy to reach from the seat - no twisting or turning.



SMART SETTINGS

Smart mode automatically adjusts power to meet work demand with maximum fuel efficiency. Auto dig boost increases power by up to 8% for better bucket penetration, shorter cycle times, and greater payloads.* Auto heavy lift increases power by up to 8% exactly when you need it for as long as you need it.*



CUSTOMIZABLE JOYSTICKS

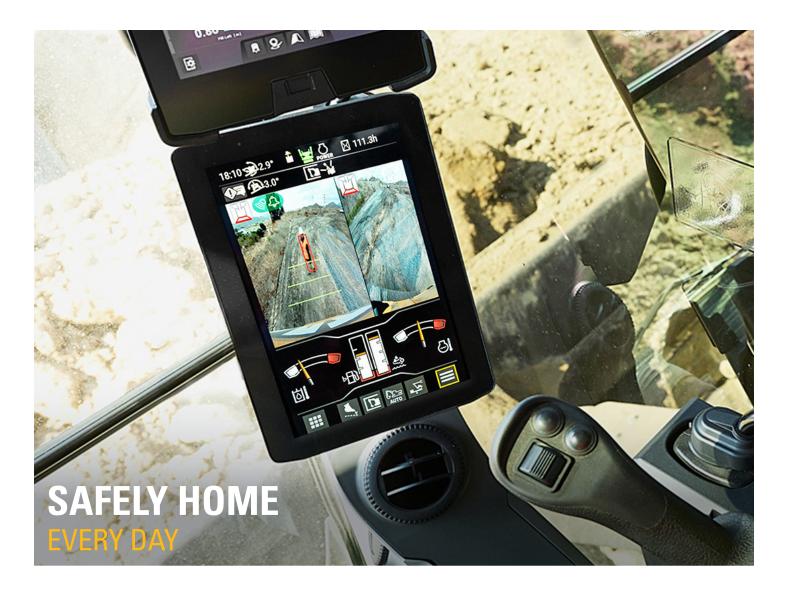
Personalize joystick pattern and response through the monitor; use operator ID to save and restore those settings at login. Make moving the excavator much easier with Cat Stick Steer. Simply push a button and use one hand to travel and turn instead of both hands or feet on levers or pedals. Adding an auxiliary relay allows you to power on or turn off a CB radio, beacon light, and even a dust suppression watering system without taking your hands off the joysticks.



KEYLESS PUSH START

The 325 uses a keyless push-button engine start. This adds security for the machine by using operator ID codes to limit and track machine access. Codes can be entered manually or via an optional Bluetooth key fob.

*Auto Dig Boost and Auto Heavy Lift calculations are based on 380 bar (boost pressure) divided by 350 bar (standard pressure).



CAT COMMAND REMOTE CONTROL

Cat Command remote control enables equipment operators to work safely outside the machine when working in hazardous environments. Command offers the choice of handheld consoles* (line-of-sight) or long-distance virtual stations (non-line-of-sight). Deep integration with machine systems enables efficiency and productivity by maintaining the use of in-cab technology* features (Grade, Payload, Assist, etc.).

GROUND-LEVEL DAILY MAINTENANCE

Daily maintenance checks can be performed with 100% of the points accessible from ground level, making maintenance faster, easier, and safe. Checkpoints include the engine oil dipstick, fuel water separator, fuel tank water and sediment drains, and cooling system coolant level check.

CAT DETECT PEOPLE DETECTION

People working near heavy equipment on a jobsite risk being struck by a machine. Although machines are designed to provide maximum operator visibility, constantly monitoring their surroundings can be difficult. Cat Detect — People Detection for excavators is an intelligent vision camera system that alerts operators when someone enters the machine's hazard zone.**

LIFT ASSIST

Cat Lift Assist is an excavator safety feature that quickly calculates the actual load being lifted and compares it to the rated load the excavator is capable of handling. Visual and auditory alerts inform operators if they are within a safe working range or if they need to take action to avoid tipping.

st Operator assist features for the Command Console are not available in the Europe, Australia, and New Zealand.

^{**} The system may not detect personnel in certain circumstances, such as fast swing speeds, people lying down or crouching, or when cameras are impaired by low light conditions (dusk, dawn, overcast), inclement weather (snow, rain, fog), or other similar conditions. For limitations of use, refer to the operation and maintenance manual.

COMPACT RADIUS

SIZED RIGHT FOR TIGHT QUARTERS WORK



WORK WITH CONFIDENCE

The 325's compact radius design makes it ideal for working in space-restricted areas like road jobs with lane closures and next to buildings or other structures you'd like to keep out of harm's way.

The 325 gives you maximum full upper frame turning radius, while providing solid lifting performance. The reduced full body 360° turning radius makes it ideally suited to work in tight areas, including a single traffic lane.

WORK WITH POWER

Unlike a standard radius machine, the 325's boom cylinders are positioned in a way that maximizes lifting performance and short turning radius.











Keep your machine running longer with less hassle. Extended-life fuel, hydraulic oil, and air filters – along with the elimination of pilot and case drain filters – mean less replacements and low maintenance costs over time. Plus, a convenient ground-level engine oil check makes your daily inspections fast and safe.

KEY MAINTENANCE COST REDUCTIONS INCLUDE:

- + Consolidated filter locations to reduce service time.
- + Oil and fuel filters with extended maintenance intervals.
- + Advanced air filter with double the dust holding capacity of the previous filter.

SERVICE REMINDERS MADE EASY

Boost productivity with proactive service reminders. Our new integrated vehicle health management system alerts the operator with step-by-step service guidance, along with parts needed, so you don't experience any unnecessary downtime.



BUILT FOR SUSTAINABILITY

The Cat 325 Excavator is built to meet today's toughest environmental standards without compromising performance. Its fuel-efficient C4.4 engine meets U.S. EPA Tier 4 Final and EU Stage V standards, while producing lower CO₂ emissions than the previous 325F.



AUTO ENGINE SPEED CONTROL

Auto Engine Speed Control reduces unnecessary fuel burn and greenhouse gas emissions by allowing the engine to automatically go into idle mode when the machine is not working.

ONE-TOUCH IDLE

When engaged, one-touch idle helps operators conserve fuel and reduce greenhouse gas emissions by lowering engine speed when the machine is under no load and return to normal operating speed when desired.

CAT GRADE

Cat Grade technologies combine advanced guidance with optional automated machine control, helping you reach grading targets while reducing fuel burn and greenhouse gas emissions by improving efficiency, jobsite productivity, and accuracy.

LATEST HEAVY-DUTY

UNDERCARRIAGE CONFIGURATION OFFERING

The latest 325 isn't just another excavator – it's a compact radius machine that packs heavy-duty performance, integrated technology, and unmatched versatility.



BUILT FOR TOUGH JOBS

The latest Heavy-Duty long undercarriage offers outstanding stability, especially in rough or uneven terrain. Pair that with the optional HD stick, and you're getting a machine built to handle demanding applications with minimal downtime, helping to reduce maintenance costs and extend the life of your investment.

READY-TO-WORK ATTACHMENTS

The 325 comes Thumb-Ready and with a Quick Coupler Circuit pre-installed. That means fast attachment changes and no need for costly aftermarket modifications. You get flexibility right off the factory floor – whether you're switching between buckets, thumbs, or other tools.

POWER THAT PAYS OFF

With its high drawbar pull, the 325 effortlessly climbs steep grades, ensuring productivity at any site.* Thanks to its enhanced swing torque, you can move material quickly – even uphill – resulting in fast cycle times and increased work completed in less time.

^{*7500} kg (16,540 lb) counterweight with a heavy-duty undercarriage versus the 325 with an 8300 kg (18,300 lb) counterweight and standard undercarriage. Unchanged uphill capabilities for other configurations.

INCREASE YOUR PRODUCTIVITY AND PROFIT WITH CAT ATTACHMENTS

You can easily expand the performance of your machine by utilizing any of the variety of Cat attachments. Each Cat attachment is designed to fit the weight and horsepower of Cat excavators for improved performance, safety, and stability.

BUCKETS



GRAPPLES



MULTI-PROCESSORS



QUICK **COUPLERS**



TILTROTATOR



HYDRAULIC HAMMERS



PREVENT HAMMER WEAR AND TEAR

Protect your hammer tool from overheating and rapid wear. Auto hammer stop warns you after 15 seconds of continuous firing and then automatically shuts it off after 30 seconds – all to extend the tool's service life.

ATTACHMENT TRACKING MADE EASY

The Cat PL161 attachment locator is a Bluetooth device designed to let users know where their attachments are across all worksites, reduce the number of lost attachments, and plan for attachment maintenance and replacement.

Save more time and energy with the available work tool recognition feature.* A simple shake of the attached tool confirms its identity and ensures all the attachment settings (pressure, flow, and dimensions) are correct so you can work quickly and efficiently.

The PL161 integrates easily into VisionLink for full fleet management of machines and attachments from one smartphone or tablet dashboard to view location and tracking details.

DO HARD-TO-REACH WORK

With 360° rotation and 40° side-to-side tilting action, a Cat tiltrotator will help you get complex work done faster. This system upgrade from the factory allows the tool to work with Cat 2D Grade, Assist, Payload, and E-Fence.

It includes factory-fit joysticks, but uses the standard cab monitor to display the tool and engage its SecureLock™ so you don't need to spend money on an extra monitor. It also works seamlessly with other brands with no additional hardware required. All you have to do is simply select "Third Party Tiltrotator System Installation" in the monitor, do the calibration, and get to work.

^{*}Work tool recognition is available on select excavator models. Automated attachment settings must be enabled within each machine configuration. Consult your Cat dealer for details.

TECHNICAL SPECIFICATIONS

See cat.com for complete specifications.

ENGINE	
Engine Model	Cat® C4.4
Engine Power	
ISO 14396	129.4 kW 174 hp
ISO 14396 (DIN)	176 hp (metric)
Net Power	
ISO 9249	128.5 kW 172 hp
ISO 9249 (DIN)	175 hp (metric)
Bore	105 mm 4 in
Stroke	127 mm 5 in
Displacement	4.4 L 269 in ³
Biodiesel Capability	up to B20 ⁽¹⁾

- Meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.
- Advertised power is tested per the specified standard in effect at the time of manufacture with engine speed at 2,200 rpm.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system and alternator.
- (1) Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible* with ULSD blended with the following lower-carbon intensity fuels** up to:
 - 20% biodiesel FAME (fatty acid methyl ester)***
 - 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels
- Refer to guidelines for successful application. Please consult your Cat dealer or "Caterpillar Machine Fluids Recommendations" (SEBU6250) for details.
 - * While Caterpillar engines are compatible with these alternative fuels, some regions may not allow their use.
 - ** Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels.
 - *** Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).

HYDRAULIC S'	YSTEM
Main System – Maximum Flow – Impleme	ent 429 L/min (× 2 pumps) 113 gal/min (× 2 pumps)
Maximum Pressure – Equipment – Norma	al 35 000 kPa 5,075 psi
Maximum Pressure – Equipment – Lift Mo	ode 38 000 kPa 5,510 psi
Maximum Pressure – Travel	35 000 kPa 5,075 psi
Maximum Pressure – Swing	27 500 kPa 3,990 psi
SWING MECH	ANISM
Swing Speed*	11.12 rpm
Maximum Swing Torque	82 kN·m 60,300 lbf·ft
MACHINE WE	IGHTS
Operating Weight	28 400 kg 62,600 lb
Long undercarriage, Reach boom, R2.9 m 1.19 m ³ (1.56 yd ³) bucket, 790 mm (31") HD (18 300 lb) counterweight	

Long undercarriage, Reach boom, R2.9 m (9'6") stick, Heavy Duty (HD)
1.19 m³ (1.56 yd³) bucket, 790 mm (31") HD triple grouser shoes and 8300 kg
(18,300 lb) counterweight.

Operating Weight	26 900 kg	59,300 lb
oporating troigin	=======	00/000

Long undercarriage, Variable Angle boom, R2.9B1 (9'6") stick, General Duty (GD) 1.30 m³ (1.70 yd³) bucket, 600 mm (24") HD triple grouser shoes and 6700 kg (14,800 lb) counterweight.

SERVICE REFILL CAPACITIES		
Fuel Tank	313 L	82.7 gal
Cooling System	25 L	6.6 gal
Engine Oil (with filter)	15 L	4.0 gal
Swing Drive	5.5 L	1.5 gal
Final Drive (each)	4.5 L	1.2 gal
Hydraulic System (including tank)	230 L	60.8 gal
Hydraulic Tank (including suction pipe)	111 L	29.3 gal
Diesel Exhaust Fluid (DEF) Tank	26 L	6.9 gal

DIMENSIONS		
Boom	Reach 5.7 m	(18'8")
Stick	Reach 2.9 m (9'6")	
Bucket	HD 1.19 m³ (1.56 yd³)	
Undercarriage		Long
Shipping Height (top of cab)	3080 mm	10'1"
Handrail Height	3190 mm	10'6"
Shipping Length	8890 mm	29'2"
Shipping Length (with blade)	9590 mm	31'6"
Tail Swing Radius	1810 mm	5'11"
Counterweight Clearance	1020 mm	3'4"
Ground Clearance	440 mm	1'5"
Track Length	4460 mm	14'7"
Length to Center of Rollers	3650 mm	12'0"
Track Gauge	2380 mm	7'10"
Transport Width – 600 mm (24") shoes	2980 mm	9'9"

WORKING RANGES AND FORG	CES	
Boom	Reach 5.7 m	(18'8")
Stick	Reach 2.9 m	(9'6")
Bucket	HD 1.19 m³ (1.56 yd³)	
Undercarriage		Long
Maximum Digging Depth	6700 mm	22'0"
Maximum Reach at Ground Level	9780 mm	32'1"
Maximum Cutting Height	10 970 mm	36'0"
Maximum Loading Height	7900 mm	25'11"
Minimum Loading Height	2980 mm	9'9"
Maximum Depth Cut for 2440 mm (8 ft) Level Bottom	6520 mm	21'5"
Maximum Vertical Wall Digging Depth	4880 mm	16'0"
Bucket Digging Force (ISO)	150 kN 33,7	720 lbf
Stick Digging Force (ISO)	106 kN 23,8	30 lbf

AIR CONDITIONING SYSTEM

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas.

- If equipped with R134a (Global Warming Potential = 1430), the system contains 0.8 kg (1.8 lb) of refrigerant which has a CO₂ equivalent of 1.144 metric tonnes (1.261 tons).
- If equipped with R1234yf (Global Warming Potential = 0.5), the system contains 0.75 kg (1.7 lb) of refrigerant which has a CO2 equivalent of 0.001 metric tonnes (0.001 tons).

^{*}For CE-marked machine default value may be set lower.

STANDARD & OPTIONAL EQUIPMENT

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

5.7 m (18'8') Reach boom 5.7 m (18'8') HD Reach boom 2.5 m (8'2') HD Reach stick 2.8 m + 3.3 m (9'2' + 10'10") VA boom 2.9 m (9'6') Reach stick 2.9 m (9'6') HD Reach stick 2.9 m (9'6') HD Reach stick 2.9 m (9'6') Thumb Ready stick CAB STANDARD Rollover Protective Structure (ROPS) Heated air-suspension seat (Deluxe only) Heated and ventilated air-suspension seat (Premium only) High-resolution 254 mm (10 in) LCD touchscreen monitor CAT TECHNOLOGIES STANDARD OPTIONAL VisionLink Remote Flash Remote Troubleshoot Cat Grade with 2D Cat Grade with 3D (Single or dual GNSS) Cat Assist Cat Payload ENGINE Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick drig reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump, one/two way high-pressure flow) e **CAT MARNOR OPTIONAL** **CAT TECHNOLOGIES **CAT NADARD OPTIONAL** **CAT TECHNOLOGIES **CAT STANDARD OPTIONAL** **CAT TECHNOLOGIES **C	BOOMS AND STICKS	STANDARD	OPTIONAL
2.5 m (8'2") HD Reach stick 2.8 m + 3.3 m (9'2" + 10'10") VA boom 2.9 m (9'6") Reach stick 2.9 m (9'6") HD Reach stick 2.9 m (9'6") Thumb Ready stick CAB Rollover Protective Structure (ROPS) Heated air-suspension seat (Deluxe only) Heated and ventilated air-suspension seat (Premium only) High-resolution 254 mm (10 in) LCD touchscreen monitor CAT TECHNOLOGIES STANDARD OPTIONAL VisionLink Remote Flash Remote Troubleshoot Cat Grade with 2D Cat Grade with 3D (Single or dual GNSS) Cat Assist Cat Payload ENGINE Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate 18° C (0° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	5.7 m (18'8") Reach boom		•
2.8 m + 3.3 m (9'2" + 10'10") VA boom 2.9 m (9'6") Reach stick 2.9 m (9'6") Thumb Ready stick CAB Rollover Protective Structure (ROPS) Heated air-suspension seat (Deluxe only) Heated and ventilated air-suspension seat (Premium only) High-resolution 254 mm (10 in) LCD touchscreen monitor CAT TECHNOLOGIES VisionLink Remote Flash Remote Troubleshoot Cat Grade with 2D Cat Grade with 3D (Single or dual GNSS) Cat Assist Cat Payload ENGINE Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	5.7 m (18'8") HD Reach boom		•
2.9 m (9'6') Reach stick 2.9 m (9'6') HD Reach stick 2.9 m (9'6') Thumb Ready stick CAB Rollover Protective Structure (ROPS) Heated air-suspension seat (Deluxe only) Heated and ventilated air-suspension seat (Premium only) High-resolution 254 mm (10 in) LCD touchscreen monitor CAT TECHNOLOGIES VisionLink Remote Flash Remote Troubleshoot Cat Grade with 2D Cat Grade with 3D (Single or dual GNSS) Cat Assist Cat Payload ENGINE Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown So° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	2.5 m (8'2") HD Reach stick		•
2.9 m (9'6") HD Reach stick 2.9 m (9'6") Thumb Ready stick CAB Rollover Protective Structure (ROPS) Heated air-suspension seat (Deluxe only) Heated and ventilated air-suspension seat (Premium only) High-resolution 254 mm (10 in) LCD touchscreen monitor CAT TECHNOLOGIES STANDARD VisionLink Remote Flash Remote Troubleshoot Cat Grade with 2D Cat Grade with 3D (Single or dual GNSS) Cat Assist Cat Payload ENGINE Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown So° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability -32° C (-25° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	2.8 m + 3.3 m (9'2" + 10'10") VA boom		•
CAB Rollover Protective Structure (ROPS) Heated air-suspension seat (Deluxe only) Heated and ventilated air-suspension seat (Premium only) High-resolution 254 mm (10 in) LCD touchscreen monitor CAT TECHNOLOGIES VisionLink Remote Flash Remote Troubleshoot Cat Grade with 2D Cat Grade with 3D (Single or dual GNSS) Cat Assist Cat Payload ENGINE Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	2.9 m (9'6") Reach stick		•
Rollover Protective Structure (ROPS) Heated air-suspension seat (Deluxe only) Heated and ventilated air-suspension seat (Premium only) High-resolution 254 mm (10 in) LCD touchscreen monitor CAT TECHNOLOGIES STANDARD OPTIONAL VisionLink Remote Flash Remote Troubleshoot Cat Grade with 2D Cat Grade with 3D (Single or dual GNSS) Cat Assist Cat Payload ENGINE Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	2.9 m (9'6") HD Reach stick		•
Rollover Protective Structure (ROPS) Heated air-suspension seat (Deluxe only) Heated and ventilated air-suspension seat (Premium only) High-resolution 254 mm (10 in) LCD touchscreen monitor CAT TECHNOLOGIES STANDARD VisionLink Remote Flash Remote Troubleshoot Cat Grade with 2D Cat Grade with 3D (Single or dual GNSS) Cat Assist Cat Payload ENGINE Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	2.9 m (9'6") Thumb Ready stick		•
Heated air-suspension seat (Deluxe only) Heated and ventilated air-suspension seat (Premium only) High-resolution 254 mm (10 in) LCD touchscreen monitor CAT TECHNOLOGIES STANDARD OPTIONAL VisionLink Remote Flash Remote Troubleshoot Cat Grade with 2D Cat Grade with 3D (Single or dual GNSS) Cat Assist Cat Payload ENGINE Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	CAB	STANDARD	OPTIONAL
Heated and ventilated air-suspension seat (Premium only) High-resolution 254 mm (10 in) LCD touchscreen monitor CAT TECHNOLOGIES STANDARD OPTIONAL VisionLink Remote Flash Remote Troubleshoot Cat Grade with 2D Cat Grade with 3D (Single or dual GNSS) Cat Assist Cat Payload ENGINE Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	Rollover Protective Structure (ROPS)	•	
(Premium only) High-resolution 254 mm (10 in) LCD touchscreen monitor CAT TECHNOLOGIES VisionLink Remote Flash Remote Troubleshoot Cat Grade with 2D Cat Grade with 3D (Single or dual GNSS) Cat Assist Cat Payload ENGINE Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	Heated air-suspension seat (Deluxe only)	•	
touchscreen monitor CAT TECHNOLOGIES VisionLink Remote Flash Remote Troubleshoot Cat Grade with 2D Cat Grade with 3D (Single or dual GNSS) Cat Assist Cat Payload ENGINE Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability -32° C (-25° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	l .= '.	•	
VisionLink Remote Flash Remote Troubleshoot Cat Grade with 2D Cat Grade with 3D (Single or dual GNSS) Cat Assist Cat Payload ENGINE STANDARD OPTIONAL Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability -32° C (-25° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,		•	
Remote Flash Remote Troubleshoot Cat Grade with 2D Cat Grade with 3D (Single or dual GNSS) Cat Assist Cat Payload ENGINE Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability -32° C (-25° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	CAT TECHNOLOGIES	STANDARD	OPTIONAL
Remote Troubleshoot Cat Grade with 2D Cat Grade with 3D (Single or dual GNSS) Cat Assist Cat Payload ENGINE STANDARD OPTIONAL Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability -32° C (-25° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	VisionLink	•	
Cat Grade with 2D Cat Grade with 3D (Single or dual GNSS) Cat Assist Cat Payload ENGINE Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability -32° C (-25° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	Remote Flash	•	
Cat Grade with 2D Cat Grade with 3D (Single or dual GNSS) Cat Assist Cat Payload ENGINE Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability -32° C (-25° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	Remote Troubleshoot	•	
Cat Grade with 3D (Single or dual GNSS) Cat Assist Cat Payload ENGINE Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability -32° C (-25° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,			
Cat Payload ENGINE Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability -32° C (-25° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,			•
ENGINE Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability -32° C (-25° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	•	•	
ENGINE Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability -32° C (-25° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,			
Three selectable modes: Power, Smart, Eco One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability -32° C (-25° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,			
One-touch low idle with automatic engine speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability -32° C (-25° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,		STANDARD	OPTIONAL
speed control Auto engine idle shutdown 50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability -32° C (-25° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,		•	
50° C (122° F) high-ambient cooling capacity with derate -18° C (0° F) cold start capability -32° C (-25° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,		•	
capacity with derate -18° C (0° F) cold start capability -32° C (-25° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	Auto engine idle shutdown	•	
-32° C (-25° F) cold start capability Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,		•	
Double element air filter without integrated precleaner HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	-18° C (0° F) cold start capability	•	
HYDRAULIC SYSTEM Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	-32° C (-25° F) cold start capability		•
Boom and stick regeneration circuits Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,		•	
Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	HYDRAULIC SYSTEM	STANDARD	OPTIONAL
Auto warm up Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	Boom and stick regeneration circuits	•	
Auto two-speed travel Boom and stick drift reduction valve Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	Auto warm up	•	
Auto dig boost* Hammer return filter circuit Combined tool control (two pump,	Auto two-speed travel	•	
Hammer return filter circuit Combined tool control (two pump,	Boom and stick drift reduction valve	•	
Combined tool control (two pump,	Auto dig boost*	•	
	Hammer return filter circuit		•

UNDERCARRIAGE AND STRUCTURES	STANDARD	OPTIONAL
2980 mm (9'9") blade		•
3170 mm (10'5") blade		•
Tie-down points on base frame	•	
190 MM (7.5") TRACK PITCH		
Long undercarriage		•
600 mm (24") HD triple grouser track shoes		•
700 mm (28") HD triple grouser track shoes		•
790 mm (31") HD triple grouser track shoes		•
4900 kg (10,800 lb) counterweight		•
6700 kg (14,771 lb) counterweight		•
8300 kg (18,300 lb) counterweight		•
203 MM (8") TRACK PITCH		
HD Long undercarriage		•
600 mm (24") triple grouser track shoes		•
700 mm (28") triple grouser track shoes		•
800 mm (31") triple grouser track shoes		•
900 mm (35") triple grouser track shoes		•
7500 kg (16,540 lb) counterweight		•
ELECTRICAL SYSTEM	STANDARD	OPTIONAL
Two 1,000 CCA maintenance-free batteries	•	OI HORAL
Programmable time-delay LED working lights	•	
LED chassis light, left-hand/right-hand		
boom lights, cab lights	•	
boom lights, cab lights 360° lighting	•	•
360° lighting	STANDARD	• OPTIONAL
	STANDARD	OPTIONAL
360° lighting SERVICE AND MAINTENANCE	STANDARD •	• OPTIONAL
360° lighting SERVICE AND MAINTENANCE S·O·S SM ports Ground-level and platform-level	STANDARD •	• OPTIONAL
SERVICE AND MAINTENANCE S.O.S SM ports Ground-level and platform-level engine oil dipsticks	STANDARD •	• OPTIONAL •
SERVICE AND MAINTENANCE S.O.SSM ports Ground-level and platform-level engine oil dipsticks Electric refueling pump with auto shutoff Integrated vehicle health management	STANDARD • STANDARD	• OPTIONAL
SERVICE AND MAINTENANCE S·O·S SM ports Ground-level and platform-level engine oil dipsticks Electric refueling pump with auto shutoff Integrated vehicle health management system	•	•
SERVICE AND MAINTENANCE S.O.SSM ports Ground-level and platform-level engine oil dipsticks Electric refueling pump with auto shutoff Integrated vehicle health management system SAFETY AND SECURITY	•	•
SERVICE AND MAINTENANCE S·O·S SM ports Ground-level and platform-level engine oil dipsticks Electric refueling pump with auto shutoff Integrated vehicle health management system SAFETY AND SECURITY 2D E-Fence	• • • STANDARD	•
SERVICE AND MAINTENANCE S·O·S SM ports Ground-level and platform-level engine oil dipsticks Electric refueling pump with auto shutoff Integrated vehicle health management system SAFETY AND SECURITY 2D E-Fence Rearview camera	• • • STANDARD	•
SERVICE AND MAINTENANCE S.O.SSM ports Ground-level and platform-level engine oil dipsticks Electric refueling pump with auto shutoff Integrated vehicle health management system SAFETY AND SECURITY 2D E-Fence Rearview camera Right-side-view camera	• • • STANDARD	•
SERVICE AND MAINTENANCE S·O·S SM ports Ground-level and platform-level engine oil dipsticks Electric refueling pump with auto shutoff Integrated vehicle health management system SAFETY AND SECURITY 2D E-Fence Rearview camera Right-side-view camera 360° visibility	• • • STANDARD	•
SERVICE AND MAINTENANCE S.O.SSM ports Ground-level and platform-level engine oil dipsticks Electric refueling pump with auto shutoff Integrated vehicle health management system SAFETY AND SECURITY 2D E-Fence Rearview camera Right-side-view camera 360° visibility Lift assist*	• • • STANDARD	•
SERVICE AND MAINTENANCE S.O.SSM ports Ground-level and platform-level engine oil dipsticks Electric refueling pump with auto shutoff Integrated vehicle health management system SAFETY AND SECURITY 2D E-Fence Rearview camera Right-side-view camera 360° visibility Lift assist* Ground-level engine shutoff switch	• • • STANDARD	•

^{*}Not available for VA Boom

For more complete information on Cat products, dealer services and industry solutions, visit us on the web at www.cat.com.

Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

© 2025 Caterpillar. All Rights Reserved. CAT, CATERPILLAR, LET'S DO THE WORK, their respective logos, VisionLink, S•0•S, Product Link, "Caterpillar Corporate Yellow", the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.www.cat.com www.caterpillar.com

AEXQ4403-00 (07-2025) Build Number: 07H (Aus-NZ, Europe, N Am)

