# 395 FS FRONT SHOVEL HYDRAULIC EXCAVATOR 405 kW (543 hp) **Engine Power** 96 300 kg (212,300 lb) **Operating Weight** Cat\* C18 engine meets U.S. EPA Tier 4 Final, EU Stage V, Japan 2014 (Tier 4 Final), China Nonroad Stage IV, and Korea Stage V emission standards.

### ROBUST DIGGING AND BREAKOUT FORCE WITH LIGHTNING-QUICK LOADING CYCLES AND RIGOROUS BUCKET FILL

The Cat® 395 Front Shovel Hydraulic Excavator is engineered to tackle the toughest demands of large-scale mining and quarry operations. Built for exceptional durability, this powerhouse machine combines unmatched digging force with fast cycle times that ease bucket penetration.

- + ENGINEERED TO MAXIMIZE PRODUCTIVITY
- + HEAVY-DUTY DURABILITY AND SERVICEABILITY
- + OPTIMIZED FOR THE OPERATOR



# MEET THE CAT® 395FS

POWER THROUGH EVERY LOAD. CONFIDENCE IN EVERY CYCLE.

For those seeking an excavator that provides power, precision, and reliability in challenging environments, the 395 Front Shovel Hydraulic Excavator is the ultimate solution.

Maximize your productivity and efficiency while minimizing downtime and reducing maintenance costs with this indispensable machine.



## MAXIMIZE PRODUCTIVITY

Features exceptional ground-level digging and breakout strength for optimal material penetration and bucket-fill efficiency.

Bucket compatibility ranges from 5.6 m<sup>3</sup> Severe Duty (SD) to 6.5 m<sup>3</sup> SD, enhancing productivity and profitability.

The robust and adaptable bucket clamp design securely holds a 1.33 m, 7-ton steel drop ball for secondary material handling and secondary breaking applications.

## HEAVY-DUTY DURABILITY AND SERVICEABILITY

The reinforced, durable undercarriage and additional cylinder guards help reduce machine wear and tear while protecting your investment.

Cat Next Generation Excavators have synchronized and extended service intervals, share common parts, and offer exceptional customer service and superior product support, giving you more uptime.

## OPTIMIZED FOR THE OPERATOR

Engineered with a narrow front and equipped with the Next Generation cab on a fixed riser, giving the operator optimal loading visibility.

Operator-oriented in-cab controls are easy to reach and help deliver optimized material penetration, fast loading, and smooth floor clean-up.



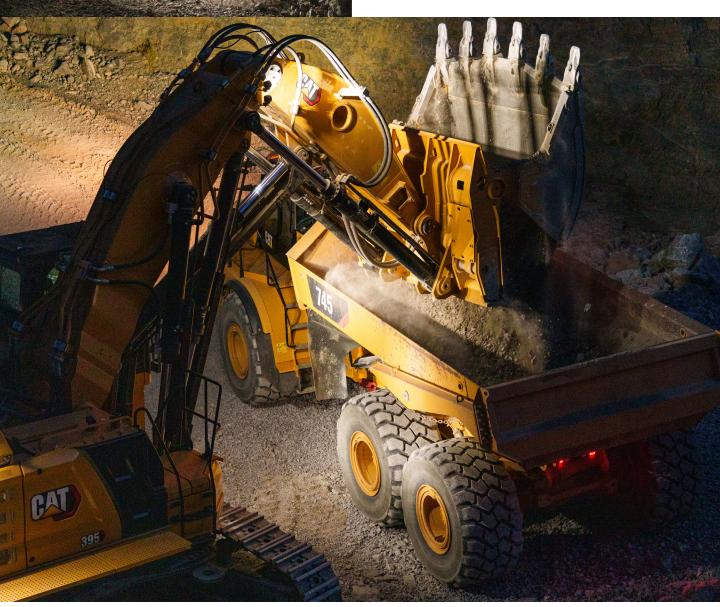
## BUILT TO TACKLE

#### THE TOUGHEST JOBS

The Cat 395 Front Shovel Hydraulic Excavator is engineered for high-production performance in the harshest mining and quarry environments.

With unmatched digging and breakout forces, lightning-quick loading cycles, and efficient bucket-fill capability, this machine quickly and reliably moves massive volumes of material.

Whether your work demands power, precision, or uptime, the 395 Front Shovel is built to deliver. It's more than a machine, it's your worksite powerhouse.



## UNMATCHED PERFORMANCE

#### AND PRODUCTIVITY

#### **EFFICIENTLY DIG DEEPER AND FASTER**

The 395 FS is engineered for maximum material penetration – its aggressive fill capabilities reduce the number of passes, keeping trucks loaded and cycles moving.

Advansys<sup>™</sup> bucket tips increase penetration and improve cycle times. Tip changes can be performed quickly with a simple lug wrench, eliminating the need for a hammer or special work tool, thereby enhancing safety and uptime.













**USER-FRIENDLY TOUCHSCREEN MONITOR** 



JOYSTICK SETUP PROVIDES SMOOTH OPERATION



**EQUIPPED WITH NEXT GENERATION CAB** 

## COMFORT THAT REDUCES FATIGUE

The Cat 395 Front Shovel (FS) is built for the toughest worksites, where long shifts and harsh conditions are standard. Inside the Next Generation cab, advanced seat suspension, low cabin vibration, and automatic climate control help the operator stay alert and focused, even in extreme environments.

## CONTROL AT YOUR FINGERTIPS

Smart joystick controls and programmable shortcut keys put your most-used functions right where you need them. The result? Faster cycles, more precise movements, and less wasted effort through the day.

## AN ENVIRONMENT BUILT FOR PRODUCTIVITY

From an ergonomic seat and intuitive touchscreen display to superior noise insulation and vibration reduction, every element of the 395 FS cab is engineered to keep operators comfortable, confident, and performing at their best.

### BUILT-IN PROTECTION

From secure handrails and anti-skid steps to full 360° lighting, the Cat Front Shovel (FS) is designed to keep operators and crews safe on every shift.

## **ALL-AROUND AWARENESS**

Rear and side cameras come standard, while optional 360° vision and swing alarms give operators clear visibility of their surroundings, reducing risk in busy, high-pressure environments.

## CONFIDENCE IN ANY CONDITION

A ground-level emergency shutoff quickly stops all engine fuel, while Cat Command remote control technology allows safe, non-line-of-sight operation in hazardous areas. Because when it comes to safety, the 395 FS doesn't just meet expectations, it reinforces them.







**REAR AND SIDE CAMERAS** 



**GROUND-LEVEL SHUTOFF** 



#### **CAT TECHNOLOGY**

#### TAKES THE GUESSWORK OUT OF MANAGING YOUR EQUIPMENT

Technology on the 395 FS works as hard as the machine itself. The in-cab monitor puts performance data, settings, and even how-to video guides at your fingertips.



#### **VISIONLINK**<sup>TM</sup>

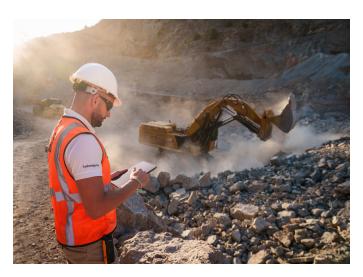
VisionLink™ takes the guesswork out of managing your entire fleet — regardless of size or equipment manufacturer.\* Review equipment data from your desktop or mobile device to maximize uptime and optimize assets. With interactive dashboards, VisionLink makes it easier for operations of all sizes to make 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.

\* Data field availability can vary by equipment manufacturer. VisionLink subscription required for advanced data features. Availability may vary by region, consult your Cat dealer for more details.



#### **MACHINE SETUP SIMPLIFICATION**

The latest operator oriented User Interface (UI) has been designed to maximize uptime by allowing operators to easily reorder work tool lists and quickly create new work tool combinations. It also eliminates the need to measure up again when changing Cat work tool attachments and makes it manageable for a single person to check and adjust for bucket wear.



#### REMOTE TROUBLESHOOT

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. Must be within cell range coverage.

#### **EASY AND ECONOMICAL MAINTENANCE**

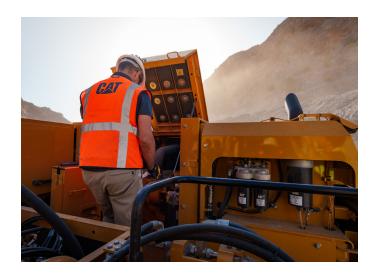
#### SAVE TIME AND MONEY

When Cat equipment is properly cared for, owners can expect thousands of working hours. Mindful operation backed by regular maintenance and preventive measures can help keep your Cat machinery working for years.

#### REDUCE MAINTENANCE COSTS

Cat Next Generation Excavators share common parts, extended and synchronized service intervals, exceptional customer service, and superior product support.

The Integrated Vehicle Health Management system boosts your productivity with proactive service reminders by alerting the operator with step-by-step service guidance and identifying the necessary parts, ensuring you avoid unnecessary downtime.



#### MINIMIZE DOWNTIME

Fuel and engine oil filters are accessible from the upper platform and are synchronized for replacement at 1,000 hours. The latest hydraulic oil filter offers high-quality filtration performance and features anti-drain valves to maintain oil cleanliness after replacement. Additionally, the 3,000-hour extended replacement interval provides enhanced efficiency and convenience.



#### SIMPLIFIED SAMPLING

S-O·S<sup>SM</sup> ports with extended sampling intervals are located at ground level, simplifying maintenance and allowing for quick and easy extraction of samples for fluid analysis. Using Cat genuine oil and filters, along with typical S·O·S monitoring, will extend the current service interval, providing you with more uptime.



## VISIBILITY THAT WORKS FOR YOU

SEE MORE. LOAD MORE.

A fixed riser helps operators see above truck beds, enhancing loading precision and improving worksite safety. Coupled with a parallelogram-type linkage, the bucket stays level throughout digging and cleanup, allowing operators to maintain control throughout the cycle.













10

#### TYPICAL PASS MATCH GUIDE

For maximum production and efficiency, we recommend that loading and hauling machines are matched to achieve optimal performance.

#### Configuration\*:

Standard variable gauge undercarriage, 4.6 m (15 ft 9 in) Front Shovel (FS) Boom, 3.48 m (11 ft 5 in) FS Stick, 6.5 m³ (8.5 yd³) FS bucket, 650 mm (26 in) double grouser shoes, 15 450 kg (34,060 lb) counterweight

		Pa	sses Requi	red to Fill	Trucks to R	lated Capa	city				
			Cat Articulated Trucks			Cat Off-Highway Trucks					
<b>Material Type</b>	Material Density	735	740 GC	740 EJ	745	770G	772G	773E	773G	775G	777G
Earth	1600 kg/m³ (2,700 lb/yd³)		3-4		4	3-4	4-5	5-6	5-6	6	9

4-5

#### Configuration\*:

Limestone

Standard variable gauge undercarriage, 4.6 m (15 ft 9 in) Front Shovel (FS) Boom, 3.48 m (11 ft 5 in) FS Stick,  $5.2 \text{ m}^3$  ( $6.8 \text{ yd}^3$ ) Heavy Duty (HD) bucket, 650 mm (26 in) double grouser shoes, 15 450 kg (34,060 lb) counterweight

#### Passes Required to Fill Trucks to Rated Capacity

			Cat Articulated Trucks Cat Off-Highway Trucks			ks							
<b>Material Type</b>	Material Density	730	730 EJ	735	740 EJ	740 GC	745	770G	772G	773E	773G	775G	777G
Earth	1600 kg/m³ (2,700 lb/yd³)			4	4-5	4-5	5	4-5	5-6	7	6-7	8	11
Limestone	1540 kg/m³ (2,600 lb/yd³)	4	3-4	4-5	5-6	5	5-6	5-6	6-7	8	8	9	12

<sup>\*</sup>The indicated pass match reflects the machine configuration, fill factor, and typical material density shown. Changes to machine configurations, fill factors, or material density as well as jobsite-specific factors may influence exact pass match recommendations for your application. Consult your Cat dealer for more information.

1540 kg/m3 (2,600 lb/yd3)

<sup>\*</sup>The indicated pass match reflects the machine configuration, fill factor, and typical material density shown. Changes to machine configurations, fill factors, or material density as well as jobsite-specific factors may influence exact pass match recommendations for your application. Consult your Cat dealer for more information.



# MORE THAN CUSTOMER VALUE AGREEMENTS

#### **BUILT AROUND YOUR SUCCESS**

When you buy Cat equipment, you get so much more than the machine. You also get the support of a best-in-class dealer network, backed by a range of flexible solutions, technology, tools, and more.

#### **CUSTOMER VALUE AGREEMENTS**

A Customer Value Agreement (CVA) from your Cat dealer helps you do more and worry less. A CVA simplifies machine ownership and maintenance, adds the security of expert dealer support, and gives you peace of mind from effective equipment health management.

#### **REPAIR OPTIONS**

A broad range of repair options give you choices that work with your needs, budget, and timeline. Every repair is performed by expert Cat technicians. You'll receive smart repair advice, a timely, accurate quote, and service that gets your machine back into action quickly.

#### **GENUINE CAT PARTS**

Genuine Cat parts deliver the highest level of reliability and productivity. Order direct from your Cat dealer or shop online at parts.cat.com.

#### **FINANCIAL SERVICES**

Count on Cat Financial to provide the best finance and extended protection solutions for your business. For more than 30 years, we have helped our customers succeed through financial service excellence.

#### **GET BACK TO WORK**

Services to help you save time, save money, and get back on the job.

#### **CAT INSPECT**

Access your equipment data on your mobile device. This easy-to-use app lets you capture inspection data and integrates with your other Cat data systems, so you can keep a close eye on your fleet.

#### **HYDRAULICS AND HOSE**

Whether you choose new, Cat Reman, exchange, or rebuilt hydraulic components, you'll get expert diagnostics, testing, and contamination control. Cat Hose Service offers hoses and couplings for most makes and models.

#### **CERTIFIED REBUILD**

Get a full second machine life at a fraction of the cost of buying new. With upgraded features, safety enhancements, and the latest technologies, your old machine will perform even better than it did when it rolled off the line.

#### **TECHNICAL SPECIFICATIONS**

See cat.com for complete specifications.

POWE	RTRAIN	
Engine Model	Cat® (	C18
Net Power ISO 9249	404.4 kW	542 hp
Net Power ISO 9249 (DIN)	550 hp (metric)	
Engine Power ISO 14396	405.0 kW	543 hp
Engine Power ISO 14396 (DIN)	551 hp (metric)	
Bore	145 mm	6 in
Stroke	183 mm	7 in
Displacement	18.1 L	1105 in <sup>3</sup>
Biodiesel capability	Up to E	320(1)

- Meets U.S. EPA Tier 4 Final, EU Stage V, Japan 2014 (Tier 4 Final), China Nonroad Stage IV, and Korea Stage V emission standards.
- Recommended for use up to 4500 m (14,770 ft) altitude with engine power derate above 3000 m (9,840 ft).
- Advertised power is tested per the specified standard in effect at the time of manufacture.
- Net power advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system and alternator.
- Engine speed at 1,900 rpm.
- (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).

## SWING MECHANISM Swing Speed\* 5.64 rpm Maximum Swing Torque 362 kN·m 267,000 lb·ft

\* For CE-marked machine default value may be set lower.

#### **WEIGHTS**

Major Configuration 1 96 300 kg 212,300 lb

 Standard variable gauge undercarriage, 4.6 m (15 ft 9 in) Front Shovel (FS) Boom, 3.48 m (11 ft 5 in) FS Stick, 6.5 m³ (8.5 yd³) FS bucket, 650 mm (26 in) double grouser shoes, 15 450 kg (34,060 lb) counterweight.

SERVICE REFILL CAPA	CITIES	
Fuel Tank Capacity	1220 L	322.3 gal
Cooling System	71.0 L	18.8 gal
Engine Oil (with filter)	67.0 L	17.7 gal
Swing Drive	12.0 L	3.2 gal
Final Drive (each)	20.0 L	5.3 gal
Hydraulic System (including tank)	740.0 L	195.5 gal
Hydraulic Tank (including suction pipe)	432.0 L	114.1 gal
Diesel Exhaust Fluid (DEF) Tank	80.0 L	21.1 gal

TRACK		
Track Shoes Width	650 mm	26 in
Number of Shoes (each side)	47	
Number of Track Rollers (each side)	8	
Number of Carrier Rollers (each side)	3	
DRIVE		
Gradeability	35°/70%	
Maximum Travel Speed	4.6 km/h	2.9 mph
Maximum Drawbar Pull	583 kN	131,064 lbf
HYDRAULIC SYSTE	M	
Main System – Maximum Flow – Implement	1,008 L/min (504 × 2 pumps)	266 gal/min (133 ×2 pumps)
Swing System – Maximum Flow	279 L/min	74 gal/min
Maximum Pressure – Equipment – Implement	32 000 kPa	4,641 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	31 000 kPa	4,496 psi
Boom Cylinder – Bore	180 mm	7 in
Boom Cylinder – Stroke	1415 mm	56 in
Stick Cylinder – Bore	220 mm	9 in
Stick Cylinder – Stroke	1855 mm	73 in
Bucket Cylinder – Bore	180 mm	7 in
Bucket Cylinder – Stroke	1810 mm	71 in
Master Cylinder – Bore	160 mm	6 in
Master Cylinder – Stroke	1938 mm	76 in
SOUND PERFORMAN	ICF	

#### SOUND PERFORMANCE

ISO 6395:2008 (external) 109 dB(A) ISO 6396:2008 (inside cab) 73 dB(A)

- External Sound The labeled spectator sound power level represents the Guaranteed Value per 2000/14/EC amended by 2005/88/EC, when properly equipped, and is measured according to the test procedures and conditions specified in ISO 6395:2008.
   The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Internal Sound The operator sound pressure level is measured according to the test procedures and conditions specified in ISO 6396:2008 for a cab offered by Caterpillar, when properly installed and maintained and tested with the door and windows closed. The measurements were conducted at 70% of the maximum engine cooling fan speed.
- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/ windows open) for extended periods or in a noisy environment.

#### **AIR CONDITIONING SYSTEM**

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.00 kg of refrigerant, which has a  $\rm CO_2$  equivalent of 1.430 metric tonnes.

STANDARDS	
Brakes	ISO 10265:2008
Cab/Operator Protective Guards (OPG) (optional)	ISO 10262:1998 Level II

#### STANDARD AND OPTIONAL EQUIPMENT

See cat.com for complete specifications.

BOOMS, STICKS AND LINKAGES	STANDARD	OPTIONAL
4.6 m (15 ft 9 in) Front Shovel (FS) Boom	•	
3.48 m (11 ft 5 in) FS Stick	•	
CAT TECHNOLOGY	STANDARD	OPTIONAL
Cat Equipment Management:		
VisionLink™	<b>●</b> <sup>1</sup>	
Remote Troubleshoot	•	
ELECTRICAL SYSTEM	STANDARD	OPTIONAL
Maintenance-free 1,400 CCA batteries	•	
Centralized electrical disconnect switch	•	
Chassis light	•	
LED boom and cab lights	•	
1,800 lumen LED premium surround lights	•	
ENGINE	STANDARD	OPTIONAL
Three selectable modes: Power, Smart, Eco	•	
Up to 4500 m (14,760 ft) altitude capability	•	
Automatic engine speed control	•	
95 Amp alternator	•	
Remote disable	•	
Double element air filter with integrated precleaner	•	
Hydraulic reverse cooling fan	•	
Three vertical side-by-side cooling system	•	
52° C (126° F) high-ambient cooling capacity	•	
Cold start block heaters	•	
-32° C (-25° F) cold start capability	•	
HYDRAULIC SYSTEM	STANDARD	OPTIONAL
Boom and stick regeneration circuits	•	
Electronic main control valve	•	
Dedicated closed loop swing circuit	•	
Automatic hydraulic oil warmup	•	
Automatic swing parking brake	•	
Anti-reaction valve	•	
High performance hydraulic return filter	•	
Two speed travel	•	
Bio hydraulic oil capability	•	

Lockable door, fuel, and hydraulic tank locks	•	
Lockable fuel drain compartment	•	
Lockable disconnect switch	•	
Service platforms with anti-skid plate	•	
Full handrail mount on platform	•	
Mirror package	•	
Signaling/warning horn	•	
Travel alarm	•	
Swing alarm		•
Ground-level secondary engine shutoff switch	•	
Rearview and right-side-view cameras	•	
360° visibility	•	
Inspection lighting	•	
Walkway	•	
SERVICE AND MAINTENANCE	STANDARD	OPTIONAL
Integrated vehicle health management system	•	
Auto lube ready	•	
Reversing cooling fan	•	
Grouped location for engine oil		
and fuel filters	•	
	•	
and fuel filters	•	
and fuel filters Fast-fill fuel system	•	
and fuel filters Fast-fill fuel system S•0•S <sup>SM</sup> ports	•	
and fuel filters  Fast-fill fuel system  S•O•S <sup>SM</sup> ports  QuickEvac <sup>™</sup> maintenance ready	• • • • • • • • • • • • • • • • • • •	OPTIONAL
and fuel filters Fast-fill fuel system S•0•S <sup>SM</sup> ports QuickEvac <sup>™</sup> maintenance ready Electric refueling pump with auto shutoff	• • • • • • STANDARD	OPTIONAL
and fuel filters  Fast-fill fuel system  S•0•S <sup>SM</sup> ports  QuickEvac <sup>™</sup> maintenance ready  Electric refueling pump with auto shutoff  UNDERCARRIAGE AND STRUCTURES		OPTIONAL
and fuel filters  Fast-fill fuel system  S•0•S™ ports  QuickEvac™ maintenance ready  Electric refueling pump with auto shutoff  UNDERCARRIAGE AND STRUCTURES  Standard variable gauge undercarriage	•	OPTIONAL
and fuel filters  Fast-fill fuel system  S•0•S™ ports  QuickEvac™ maintenance ready  Electric refueling pump with auto shutoff  UNDERCARRIAGE AND STRUCTURES  Standard variable gauge undercarriage  650 mm (26 in) double grouser track shoes	•	OPTIONAL
and fuel filters  Fast-fill fuel system  S•0•S™ ports  QuickEvac™ maintenance ready  Electric refueling pump with auto shutoff  UNDERCARRIAGE AND STRUCTURES  Standard variable gauge undercarriage  650 mm (26 in) double grouser track shoes  Grease lubricated track	•	OPTIONAL
and fuel filters  Fast-fill fuel system  S•0•S™ ports  QuickEvac™ maintenance ready  Electric refueling pump with auto shutoff  UNDERCARRIAGE AND STRUCTURES  Standard variable gauge undercarriage  650 mm (26 in) double grouser track shoes  Grease lubricated track  Two-piece full-length track guiding guards	•	OPTIONAL
and fuel filters  Fast-fill fuel system  S-0-SSM ports  QuickEvacTM maintenance ready  Electric refueling pump with auto shutoff  UNDERCARRIAGE AND STRUCTURES  Standard variable gauge undercarriage 650 mm (26 in) double grouser track shoes  Grease lubricated track  Two-piece full-length track guiding guards  Swivel guard	•	OPTIONAL
and fuel filters Fast-fill fuel system S•0•S <sup>SM</sup> ports QuickEvac <sup>TM</sup> maintenance ready Electric refueling pump with auto shutoff  UNDERCARRIAGE AND STRUCTURES Standard variable gauge undercarriage 650 mm (26 in) double grouser track shoes Grease lubricated track Two-piece full-length track guiding guards Swivel guard HD bottom guards	•	OPTIONAL

SAFETY AND SECURITY
Caterpillar One Key security system
Lockable external tool/storage box

STANDARD

OPTIONAL

<sup>&</sup>lt;sup>1</sup>Provides core telematics data to manage health, maintenance insights, and condition monitoring. Other plans available for more comprehensive data reporting. Consult your Cat dealer for details.



Founded in 1925, Caterpillar established the standard for tractors and construction equipment from the outset. Over the years, the company's leaders have gained a great deal of knowledge about what works and what doesn't.

Caterpillar has grown alongside its customers, developing new products for hardworking individuals who want to push the limits. With that history comes innovation, change, creation, and learning.

Caterpillar has partnerships across multiple industries and companies, continually developing and refining its understanding of how equipment should operate.

#### OUR COMMITMENT TO DESIGNING AND BUILDING THE WORLD'S BEST EQUIPMENT IS EVIDENT IN EVERY SINGLE PRODUCT.

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

©2025 Caterpillar. All Rights Reserved.

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

CAT, CATERPILLAR, LET'S DO THE WORK, VisionLink, their respective logos, Advansys, S•0•S, QuickEvac, "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.

AEXQ4416-00 (10-2025) Build Number: 07H (Europe, N Am)

