

# HITACHI

## CONSTRUCTION HYDRAULIC EXCAVATOR

ZX890LC-7H

Reliable Solutions



**Net Rated Power :** 510 HP (380 kW)  
**Operating Weight :** 188,936 - 189,157 lb (85,700 - 85,800 kg)  
**Max Dig Reach at Ground Level :** 48 ft (14.64 m)  
**Max Dig Depth :** 31 ft 5 in (9.57 m)  
**Model Code :** ZX890LC-7H

# ZAXIS890

Hitachi Construction Machinery Group

## LANDCROS

Japanese Excellence—Reliable Solutions

## A Legacy of Confidence

Known worldwide, Hitachi Construction Machinery has helped generations of builders, doers, and earth-movers accomplish their goals. Hitachi Construction Machinery Americas is the source for all U.S. and Latin American operations hoping to improve productivity and reduce costs — all while building our shared future.

## Pioneering Progress Together

From dedicated Rental and Used machines business to servicing, parts sales, and remote diagnostic support, Hitachi Construction Machinery Americas has the know-how and desire to establish productive working partnerships across the region. A network of independent, local dealers providing sales and service support are at the ready, waiting to begin work on the next phase of your legacy.



**Welcome** to

# Hitachi Construction

## Endless Ambition

All of our machines have been built at state-of-the-art Hitachi Construction Machinery production facilities in Japan, after incorporating the unique needs of our North American customers. Designed for the toughest terrains, harshest environments and most intricate projects, we believe there is no job that couldn't make use of our machine.

## Unwavering Dependability

Our dedication to reliability parallels our commitment for your comfort. Safety is non-negotiable; our machines adhere to the highest standards, ensuring your team's well-being. Count on Hitachi Construction Machinery Americas for peace of mind to ensure every team member returns home safely after a hard day's work.



# Machinery Americas



# QUALITY in Action

**H**itachi Construction Machinery Americas is proud to introduce ZAXIS-7, the next evolution of excavators that proudly wear our name.

At job sites across the world, our partners depend on the latest Hitachi Construction Machinery Americas equipment for increased productivity, improved operator comfort, efficient maintenance needs and innovative safety features proven to keep workers safe.

This brochure is a guide for day-to-day operators as well as fleet owners of this equipment who are hoping to save time, money, to dream big — and build bigger.

Building on decades of quality engineering, Hitachi Construction Machinery Americas presents the ZAXIS-7 lineup, featuring the ZX890LC-7H excavator.





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# Rugged **PERFORMER**

**Big jobs? Meet the ZX890LC-7H:** better productivity, lower operating costs, and supreme operator comfort measured in years, not shifts.

Major systems have been overhauled with next-generation hydraulics, maximizing the number of compatible attachments, ease of coupling, and fuel efficiency — for lower Total Cost of Ownership (TCO).

When using heavy attachments, ZX890LC-7H operators have a number of tools at their disposal, including Tilt Control, Attachment / Arm Tuning Control, Hydraulic Quick Couplers, and several other specialized heavy-duty features.

With intuitive controls at the ready, operators can trust the ZX890LC-7H for sustained performance and peak productivity.

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## **Improved Design**

Accomplish a wide variety of jobs with a powerful ZAXIS-7 series platform, using a range of attachments for adapting to the conditions.



## **Next Generation Technology**

Integrated 8" anti-glare LCD monitor controls all major functions, including a 270° AERIAL ANGLE camera system, ECO Mode, and more.

## **Powerful Engine & Hydraulics**

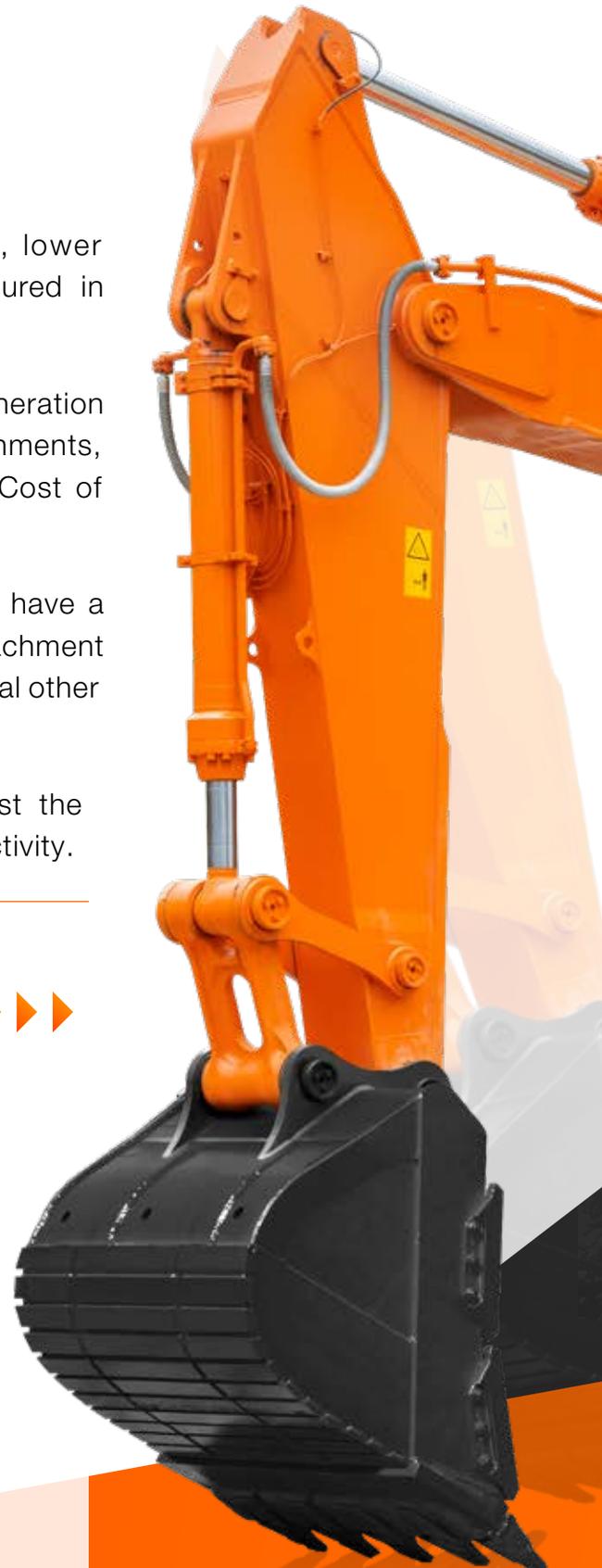
Proven Isuzu 6WG1 diesel engine with up to 1,431 lbf of torque; modern HIOS V hydraulics.

## **Increased Durability**

Stout undercarriage with integrated X-Frame and enhanced track protection.

## **Quality Materials**

From non-slip exterior surfaces to more durable interior materials, the ZX890LC-7H is made to last.





### First-Class Cab Comfort

Maximum cab space, visibility of controls, and operator line-of-sight



### Enhanced Productivity

Uptime is everything: lower fuel consumption and higher quality components mean less downtime and lower servicing costs.



### Service & Maintenance

With ConSite Air, ConSite Oil, and field-tested maintenance routines, ZX890LC-7H is a workhorse with predictable service intervals.



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# MORE as Standard

Accomplish bigger projects with the unparalleled torque, digging force, and precision of the ZX890LC-7H. With a proven 510 horsepower (380 kW) engine for applications as diverse as for construction, material handling, demolition, excavation, and more.

## Attachment Replacement System

Change flow settings and save settings for up to 16 attachment presets, ensuring flexibility and peak productivity through multiple tasks.



## Standard Work Modes

Three operator work modes (ECO, PWR, HP) best match available power to job site conditions.

## Modern Emissions Controls

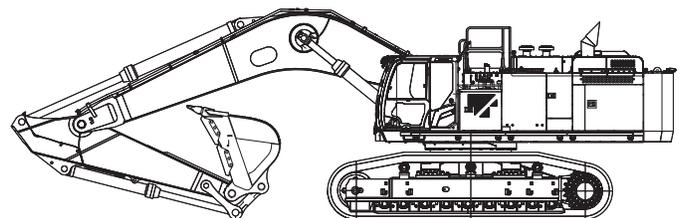
Durable diesel oxidation catalyst (DOC) and selective catalytic reduction (SCR) aftertreatment solution to protect the environment while preventing downtime.

## Smart Engine Management

Isuzu Tier 4 Final Engine with built-in modes like an auto idle system with auto shutdown control to enhance fuel efficiency.

## Precise Operator Control

Settings monitor allows operators to tailor attachment and arm speed for a range of jobs, from heavy digging to truck loading.



# ULTIMATE POWERHOUSE



**IMPROVED  
PRODUCTIVITY**  
and lower total  
cost of ownership

# Excavator



“ The ZX890LC-7H gives you the performance of a mining excavator but the controllability, responsiveness, and versatility of a mid-size excavator – **putting the operator completely in control of the job site.** ”



Tad Salisbury  
Attachments Product Manager  
Hitachi Construction Machinery Americas



# Staying **POWER**

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Rugged from day one, the ZX890LC-7H prioritizes digging power, operator comfort, and lower fuel consumption. Excellent for construction, road & infrastructure improvements, and so much more. Fine attachment control with presets allows this excavator to adapt as required; do more with one machine.





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# COMFORT Lives Here

**See and be seen:** a larger interior with less vibration, more head clearance and less noise, and one-touch adjustable air suspension seat synchronized to move with the console. Pressurized to reduce dust and contaminant ingress. Cab is ROPS and FOPS certified.

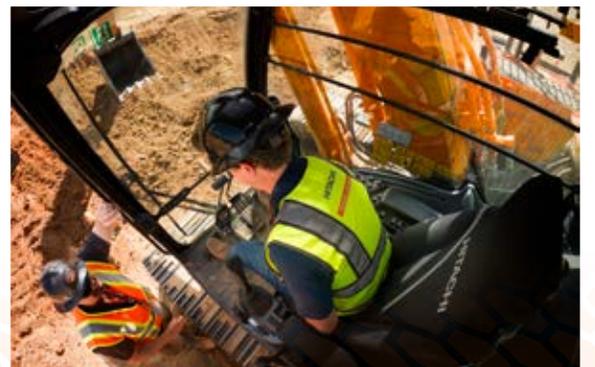
- 1 Increased sweeping area of parallel link wiper** enhances visibility in difficult working conditions.
- 2 Air conditioning and audio** are easily controlled via the monitor.
- 3 Low-reflective color 8" LCD monitor** is easy to view and navigate.
- 4 USB socket and smartphone holder** helps you stay connected.
- 5 Cup holder** is easy to detach for cleaning.
- 6 Additional joystick controls** for effortless operation.
- 7 Ergonomic design** gives you convenient access to controls.
- 8 Bluetooth®** for hands-free calls.
- 9 Multifunctional control panel** makes operation easier.
- 10 Improved sound isolation** makes this one of the quietest cabs in the market.
- 11 Convenient storage space** keeps your workspace tidy and clutter-free.
- 12 Coat hooks** take care of your personal belongings.
- 13 One-touch adjustment lever for console** so you can work comfortably in the optimum position.
- 14 Integrated console and seat suspension** gives a greater sense of control and helps to reduce fatigue.
- 15 Increased legroom** creates a more spacious cab.
- 16 Optimal pedal layout** helps to reduce fatigue.



# SERVICE That Sticks

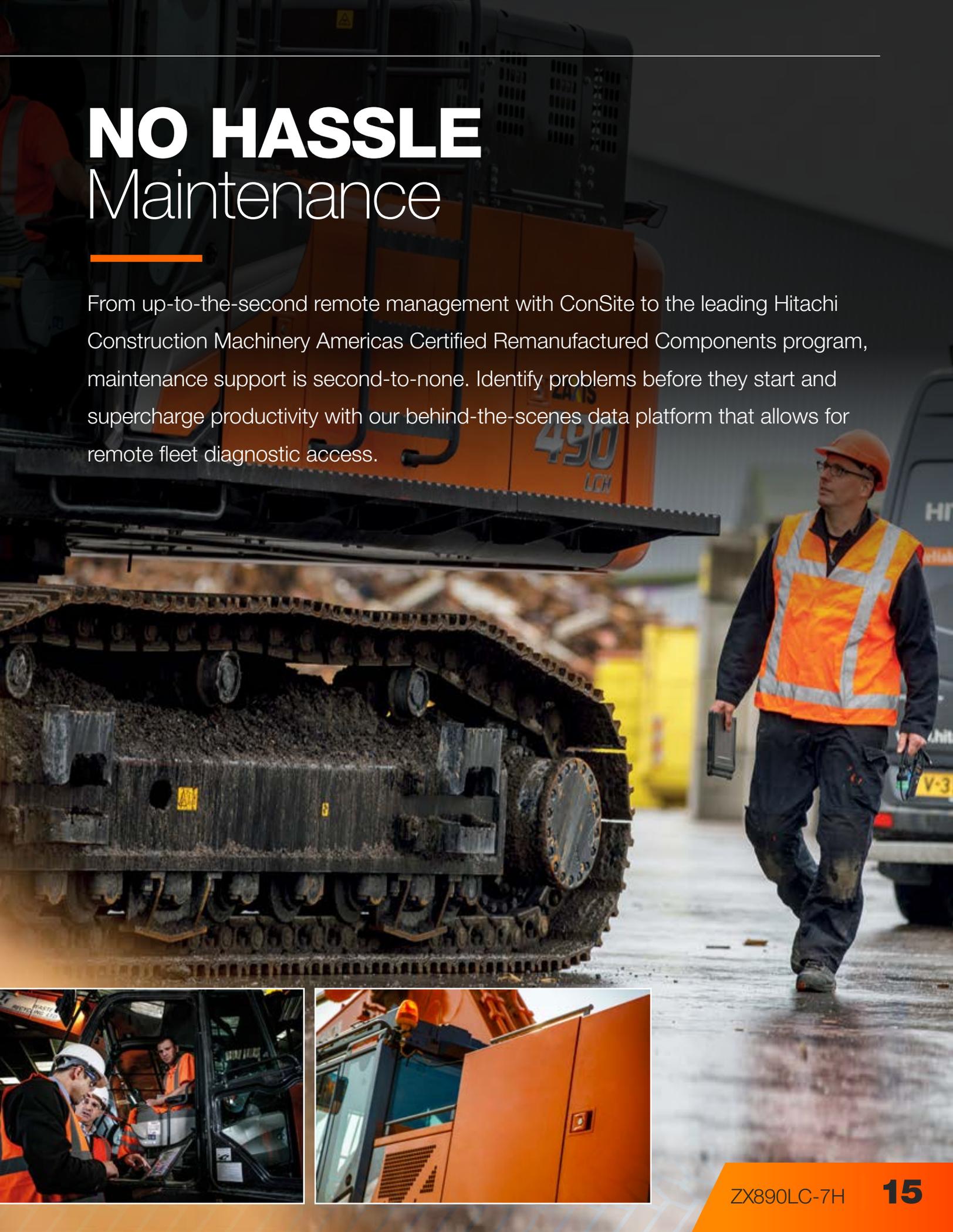
Protect your investment with proactive support services. Maintaining a robust distribution network to support customers' uptime is core to our business — and yours. Your dealer and your support team are dedicated to maintaining your uptime. Ask about how ConSite Oil and ConSite Air technology further increases uptime — a Hitachi Construction Machinery exclusive.

**ConSite**  
Consolidated Solution for Construction Sites



# NO HASSLE Maintenance

From up-to-the-second remote management with ConSite to the leading Hitachi Construction Machinery Americas Certified Remanufactured Components program, maintenance support is second-to-none. Identify problems before they start and supercharge productivity with our behind-the-scenes data platform that allows for remote fleet diagnostic access.



# 360° SAFETY

Work with confidence anywhere. Innovative, standard safety features are core to maintaining an incident-free jobsite. Standard AERIAL ANGLE camera system and a suite of operator tools ensures safer operation in all conditions.

## **AERIAL ANGLE Cameras**

Peripheral vision camera system provides a wide 270-degree bird's-eye view of the machine's immediate environment.

## **Unmatched Visibility**

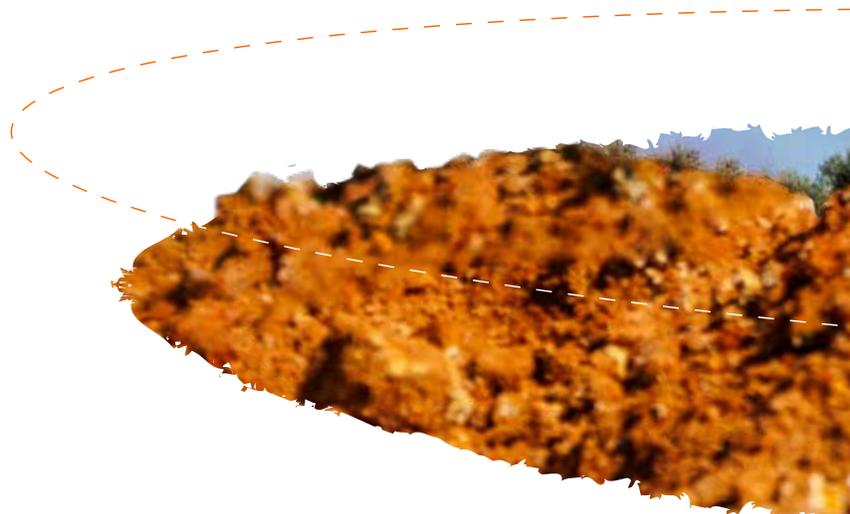
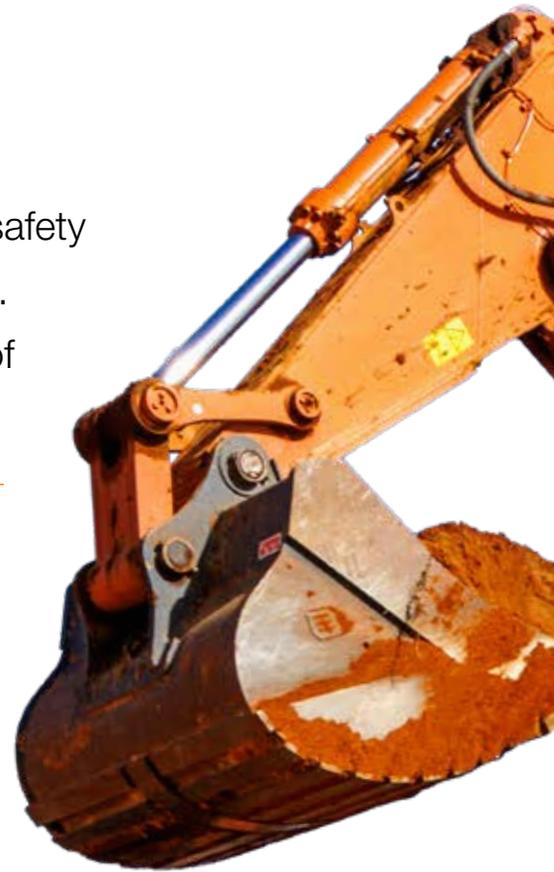
See and be seen: LED work lights, large reflective strips, improved windshield wiper and roller sunshades ensure visibility in all conditions.

## **Multi-Angle Camera Display**

With left, rear, and right side cameras and six different viewing positions from inside the cab display, operators can see clearly in all directions.

## **OPG Level II Guard**

Optional OPG Level II cab guard (ISO 10262 : 1998) provides tremendous operator protection for use in quarries, demolition, and extreme environments.





# HITACHI

## Reliable Solutions



## REPUTATIONS ARE **BUILT ON IT.**

A legacy built on quality products and service: this is our story. For more than 50 years, Hitachi Construction Machinery Americas has been the regional partner of Hitachi Construction Machinery Group, headquartered in Japan.

Well-respected in North America since the 1970s when Hitachi Construction Machinery Group led a prominent joint venture, Hitachi Construction Machinery Americas recently established a new facility in Newnan, GA. that is poised to support local customers for years to come.

With input from construction professionals on every continent, our machinery is manufactured at state-of-the-art facilities in Japan and exported for sale across the world.

Your local Hitachi Construction Machinery Americas dealer has the resources, expertise, and personnel to work with you, ensuring the best return on investment. Utilizing carefully designed programs and services in conjunction with extensive digital resources, Hitachi Construction Machinery Americas provides a focused approach to supporting you, your business, and the durable construction machinery that your operation relies upon.

Machines in this brochure may be representative of global products not sold in the North American market, and used for illustrative purposes only. Options may not be available in all markets. Before operating this machine (incl. satellite communication system) outside of its original country of sale, it may be necessary to make modifications to comply with local regulatory, safety, and legal requirements. Please do not export or operate this machine outside the country of its intended use until such compliance has been confirmed. Contact your dealer for more assistance with regional compliance.

