

HITACHI

**COMPACT
CONSTRUCTION
HYDRAULIC EXCAVATOR**
ZX85USB-7

Reliable Solutions



Net Rated Power : 63.7 HP (47.5 kW)
Max Dig Depth : 14 ft 10 in (4.53 m)
Max Dig Reach at Ground Level : 24 ft 4 in (7.42 m)
Operating Weight : 19,200 - 19,800 lb (8,286 - 8,994 kg)
Model Code : ZX85USB-7

ZAXIS85USB

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

Hitachi 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 ZX85USB-7 excavator.





TABLE OF CONTENTS

- 02** Who We Are
- 04** Introduction
- 06** Machine Highlights
- 08** Performance
- 10** Applications
- 12** Inside the Cab
- 14** Service & Maintenance
- 16** Safety
- 18** Specifications

Huge **POTENTIAL**

Able to work where other excavators can't, the new ZX85USB-7 takes job site productivity to new levels owing to its compact exterior and outsized capabilities as an excavator. Figure a brand-new, larger cab, lower operating costs, and time-saving features to help get the most use out of this truly multifunctional machine.

Multiple attachment settings can be saved for later use, reducing the time needed to swap tools. Power, smoothness and ease of operation are as operators expect from Hitachi Construction Machinery Americas equipment.

More capable than ever, the ZX85USB-7 compact machine is built with the same quality and attention-to-detail as our larger excavators.

New Compact



Ultra-short-tail swing radius with swing boom on the ZX85USB-7 allows unparalleled access to confined spaces, without compromising on a larger cab space or jobsite functionality.

Next Generation Technology

Using the in-cab 8" anti-glare LCD monitor, access a 270° camera system, 2 working modes, and up to 16 attachment presets for plug and play versatility.

Quiet & Capable Engine

Powerful diesel engine with up to 211 lbf (285 Nm) of torque.

Increased Durability

Stout undercarriage with enhanced frame protection and optional heavy-duty cab guard.

Quality Materials

With a durable build and premium cab materials, this compact excavator is every inch a Hitachi Construction Machinery Americas workhorse.





First-Class Cab Comfort

The cab offers more legroom and headroom, air suspension, and a dual adjustable seat with a movable console. It also features a powerful, dust resistance AC and heating system.



Available Angle Blade

Heavy-duty Angle Blade version with blade float control for grading operations dramatically increases the machine's possible uses.



Service & Maintenance

With ConSite Air, ConSite Oil (optional), and simplified daily maintenance routines, ZX85USB-7 is made to deliver more uptime for busy operators.



Net Rated Power : 63.7 HP (47.5 kW)

Operating Weight : 19,200 - 19,800 lb (8,288 - 8,994 kg)

Max Dig Reach at Ground Level : 24 ft 4 in (7.42 m)

Max Dig Depth : 14 ft 10 in (4.53 m)

PRODUCTIVE Power

Small space? No problem: the swing boom-type ZX85USB-7 is the no-compromise solution. Accomplish more with the unparalleled torque and control, powered by a stout Yanmar engine 63.7 HP (47.5 kW). Made to work where other machines can't, with available dust-reducing filters and precise control over up to 16 attachments.

More Digging Force

Adding a turbocharger and improving hydraulic performance have led to significant improvements in digging force, compared with previous Hitachi Construction Machinery Americas excavators.



Standard Work Modes

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

Remarkable Stability

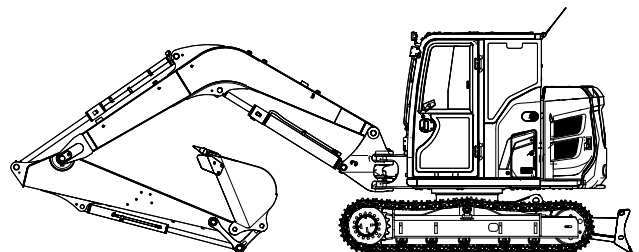
Improved stability in both front and lateral loading. An available, optional heavier counterweight can provide increased performance.

Smart Engine Management

Yanmar engine with built-in modes like an auto idle system with auto shutdown control to enhance fuel efficiency.

Full Operator Control

Settings monitor allows operators to save attachment presets for a range of jobs, from trench work to precise demolitions.



HIGHLY MOBILE



**MORE
VERSATILITY**
and Ultimate
Operator Comfort

Excavator

TEAM Player

With the unique needs of confined spaces and owner / operators in mind, the **ZX85USB-7** has everything needed to accelerate productivity. Excellent for job sites where precision and versatility are needed. Attachment settings can be saved for future use. Get it done on budget with lower total cost of ownership than our previous generation compact excavators.



“ The ZX85USB-7 is one of the most versatile excavators in our fleet. **It's great for working in tight spaces, and it can tackle a wide range of job applications.** Plus, the cab space is wider compared to earlier models, so the operator can work more comfortably. ”



Kei Matsumoto
Hitachi Construction Machinery Americas
Senior Manager for New Product Initiatives







CONFIDENT Controls

A larger cab built with operators at heart: more interior space, less noise, a panoramic view for operators, and one-touch adjustable air suspension seat synchronized to move with the console. ROPS and FOPS certified cab.

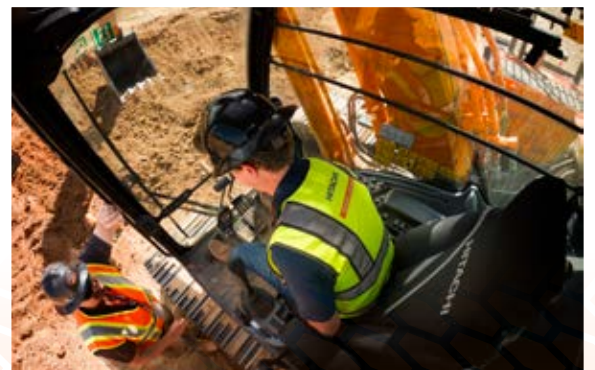
- 1 **Increased sweeping area of parallel link wiper** enhances visibility in difficult working conditions.
- 2 **Air conditioning and audio** are easily controlled via the monitor.
- 3 **Low-reflective color 8" LCD monitor** is easy to view and navigate.
- 4 **USB socket and smartphone holder** helps 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. Hitachi Construction Machinery Americas' distribution network is dedicated to optimal uptime of our, with dedicated support team and dealers. Ask about how ConSite Oil, standard in premium and angle-blade configurations, and standard 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

Innovative, standard safety features are core to maintaining an incident-free jobsite. From a standard AERIAL ANGLE camera system to a full suite of operator tools to ensure safety always comes first.

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 opening front & upper windows ensure visibility in all conditions.

Cab Guards

Optional cab guarding increases operator protection in extreme and challenging environments.

2-Way Disconnect Switch

Safety feature that shuts down power without resetting communication functions for machine data and clock.

Hose Rupture Valves

Optional hydraulic hose rupture valves instantaneously prevent loads from shifting if a line becomes damaged.





NOTES

[illegible]

NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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.

