

HITACHI

CONSTRUCTION WHEEL LOADER ZW310-7

Reliable Solutions



Bucket Capacity : 5.5 yd³ – 6.1 yd³ (4.2 m³ – 4.7 m³)

Net Rated Power : 303 HP (226 kW)

Operating Weight : 54,190 lb – 54,851 lb (24,580 kg – 24,880 kg)

Model Code : ZW310-7

ZW310

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 wheel loaders 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 ZW310-7 wheel loader.





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

POWERFUL Leader

A productivity powerhouse made for bigger jobs, the ZW310-7 wheel loader is packed with premium features that stand up to daily use in quarries, demolition, and larger operations.

Integrated tools like Approach Speed Control, Auto Power Up, and Payload Checker help solve unique challenges faced by wheel loader operators while improving operator efficiency.

Backed up by the extensive Hitachi Construction Machine Americas network, explore how the ZW310-7 can reduce costs and boost your operations' results.

Improved Design

Accomplish a wide variety of jobs with a powerful platform proven to perform in varied worksites, then extend the machine's capability as-needed with a range of GET (Ground Engaging Tools) attachments.



Intelligent Assists

Traction Control, Approach Speed Control, Auto Power Up function and a new Payload Checker improve productivity to new levels while reducing operator fatigue.

Reliable & Powerful Engine

Proven Cummins engine with 1,206 lbf of torque, a 5-speed transmission, and robust limited-slip differentials with predictable servicing bring power and improved cost control to an operation.

Increased Durability

Critical components are more protected from the environment, including the engine air filter and air conditioner. Standard intelligent, auto-reversing fan helps to prevent filter clogging.

Quality Materials

From non-slip surfaces to durable cab materials, the ZW310-7 is ready for extended hours of work in diverse environments.





First-Class Cab Comfort

Maximum cab space, visibility of controls, and operator line-of-sight; ROPS and FOPS certified construction.



Service & Maintenance

The ZW310-7 is a workhorse with predictable service intervals, with the assistance of ConSite Air, and field-tested maintenance routines.



Enhanced Productivity

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



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PRIME MOVER

Haul and load with the support of an overbuilt foundation, refined mechanicals, and modern operator assists. Proven 303 horsepower Cummins engine and powerful hydraulics give a Breakout Force of up to 44,776 (199 kN). Larger than before, the ZW310-7 wheel loader now offers a bigger static tipping load and excel in these key areas:

Efficient Powertrain

Motivated by a modern, direct injection CUMMINS L9 engine, ZW310-7 has the torque to lift, move, haul, and dump materials with ease.



Traction Control

Standard Traction Control maximizes breakout force while reducing tire slippage, useful for snow removal applications or in muddy / low grip conditions.

Modern Operator Assists

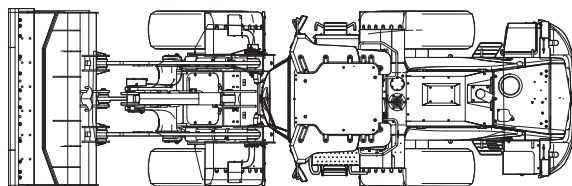
Approach Speed Control assigns a set speed for the wheel loader as it approaches a loading point. This allows for fewer pedal operations during loading, for reduced operator fatigue and lower fuel consumption.

Auto Power Up Function

New Auto Power Up functionality increases hill climbing performance of the ZW310-7 by identifying slopes and increasing power output to prevent engine speed from dropping when travelling uphill.

Full Operator Control

Designed to boost driver confidence, and therefore efficiency, redesigned cab controls place key functions within easy reach for more intuitive operation.





**MORE PERFORMANCE
AND PRODUCTIVITY**
for larger jobs

VERSATILE

Wheel Loader





“It's all about innovation and reliability. Designed to be efficient and durable, it really sets the bar for performance on any terrain. You can see that in every scoop—**quality and delivering results.**”



Chris Trampush
Hitachi Construction Machinery Americas
Wheel Loader Product Manager



Haul It **ALL**

Larger, stronger, and with power to spare, the ZW310-7 has what it takes to accelerate productivity where you need it most. Essential for a wide range of jobs, from residential & commercial construction to road & highway infrastructure improvements, and logging operations. Owners and operators alike are upgrading their results with help from these modern wheel loaders.







CONFIDENT Controls

Built with all-day comfort in mind and packed with smart features like the standard Payload Checker, an advanced payload weighing system is key to an operator's confidence. An all-new low vibration cab with more space, more comfortable operator positioning, and seat-mounted controls. A standard 8" LCD display and standard Bluetooth connectivity (including hands-free calling) ensure connectivity at all times.

- 1 **Seat-mounted electric control levers** help to reduce fatigue.
- 2 **Multifunction single-lever or dual-lever type control lever*** options to suit your preference.
- 3 **Integrated console on air-ride seat** gives a greater sense of control.
- 4 **USB charging tablet and smartphone holder** helps you stay connected.
- 5 **Console mounted sub-monitor controls** provide fast access to main functions.
- 6 **Ergonomically designed adjustable armrests** so you can work comfortably.
- 7 **Convenient storage space** keeps your workspace tidy and clutter-free.
- 8 **Heavy duty, heated air-ride seat** with horizontal suspension.
- 9 **Removable cup holder** for easy cleaning.
- 10 **E-Stick Steering System (optional)** provides exceptional control.
- 11 **Sure-grip steering wheel** for confident control.
- 12 **3.5" color LCD** in the front dashboard is easy to view.
- 13 **Spacious ergonomic cab** makes for a more comfortable space.
- 14 **Panel switch integrated functions** are user-friendly.
- 15 **Remote adjustable heated mirrors (optional)** are easy to use.
- 16 **High-resolution 8" monitor** with intuitive navigation controls.

* Shown with optional multi-lever controls. Multifunction single-lever is standard on the ZW310-7.



SERVICE That Sticks

Protect your investment with proactive support services. Hitachi Construction Machinery Americas distribution network is dedicated to ensuring your productivity with our support team and dealers. Ask about how ConSite Air technology further increases uptime.

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.



SAFETY Suite

Innovative, standard safety features are core to maintaining an incident-free jobsite. Standard rear view camera and displays, plus a class-leading design with optimal visibility. 270° AERIAL ANGLE camera system (optional) and rear object detection (optional) are essential features for tighter job sites, smaller work areas, and faster operator acclimatisation.

Rear View Monitor

Standard rear view camera with anti-glare in-cab display gives operators a wide field of view behind the machine.

Unmatched Visibility

See and be seen: redesigned cab, bright LED work lights, large reflective strips, and less interior clutter ensure operator line-of-sight in all conditions.

AERIAL ANGLE Cameras

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

Emergency Steering Assist

An electric pump delivers oil pressure for power steering even in the case of an emergency, allowing for normal steering even if the engine fails.

Rear Obstacle Detection System

Human-focused systems such as Approach Speed Control, Auto Power Up, and Payload Checker reduce operator strain, especially in challenging 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.

