

# HITACHI

## CONSTRUCTION WHEEL LOADER

ZW220-7



Reliable Solutions



**Bucket Capacity** : 3.7 - 4.7 yd<sup>3</sup> (2.8 - 3.6 m<sup>3</sup>)  
**Net Rated Power**: 204 HP (152 kW)  
**Operating Weight** : 40,013 - 41,094 lb (18,150 - 18,640 kg)  
**Model Code** : ZW220-7

# ZW220

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

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**H**itachi 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 ZW220-7 wheel loader.





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# Efficient **POWERHOUSE**

Ready to supercharge job site productivity, the ZW220-7 wheel loader is packed with standard features that prioritize efficiency and operator comfort. Offered in both standard and high-lift configurations, its 41,035-pound operating weight gives a large window for completing varied tasks.

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

Backed up by the extensive Hitachi Construction Machinery Americas network, explore how the ZW220-7 can help reduce costs and boost your operations' results.

## Improved Design

Accomplish a wide variety of jobs with lower cost per hour and lower cost of ownership with the confidence of a Hitachi Construction Machinery Americas wheel loader.



## Intelligent Assists

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, 5-speed transmission, and robust limited-slip differentials with predictable servicing bring power and improved cost control to an operation.

## Increased Durability

Key parts, like the engine air filter and air conditioner, are now better shielded from the elements. Additionally, a standard smart fan that automatically reverses direction helps keep the filters from getting clogged.

## Quality Materials

From non-slip exterior surfaces to more durable interior materials, our machines are made to last.





### First-Class Cab Comfort

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



### Service & Maintenance

With ConSite Air and field-tested maintenance routines, the ZW220-7 is a workhorse with predictable service intervals.



### Enhanced Productivity

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



**Bucket Capacity :** 3.7 - 7.8 yd<sup>3</sup> (2.8 - 3.6 m<sup>3</sup>)  
**Net Rated Power :** 204 HP (152 kW)  
**Operating Weight :** 40,013 - 40,094 lb (18,150 - 18,640 kg)

# MUSCLE LOADER

With a confidence-inspiring foundation, proven mechanicals, and modern operator assists, overall productivity sets this wheel loader apart. Proven 204 horsepower Cummins engine and powerful hydraulics give a Breakout Force of up to 32,625 lbf (145 kN) without compromising fuel consumption. Our uncompromising commitment to performance sets the ZW220-7 apart in these key areas:

## Reliable Powertrain

Motivated by a reliable direct injection CUMMINS B6.7 engine, the ZW220-7 has the torque to lift, move, haul, and dump materials with ease.

## Low Impact Operation

Operator comfort and jobsite comfort while maintaining high performance: cab sound levels improved to LpA 68 dB(A)\*, and external levels of LwA 105 dB(A)\*\*.



## Modern Operator Assists

Approach Speed Control sets a specific speed for the wheel loader when nearing 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 ZW220-7 by identifying slopes and increasing power output to prevent engine speed from dropping when travelling uphill.

## Full Operator Control

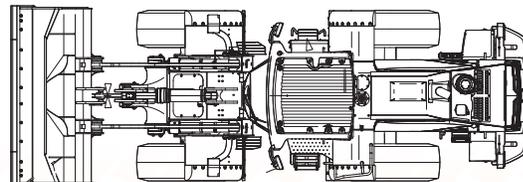
Designed to boost driver confidence, and therefore efficiency, redesigned cab controls place key functions within easy reach for more intuitive operation.

## Reduced Fatigue

Human-focused systems like Approach Speed Control, Auto Power Up, and Payload Checker, reduce operator strain by automating tasks and providing real-time feedback, especially in challenging environments.

\* ISO 6396: 2008

\*\* ISO 6395: 2008 and EU Directive 2000/14/EC





**EFFICIENT  
PERFORMANCE**

and lower cost per hour

# NEXT GENERATION

## Wheel Loader





“ Investing in a Hitachi wheel loader can provide you with a **dependable machine that withstands tough working conditions and delivers consistent performance.** ”



Chris Trampush,  
Hitachi Construction Machinery Americas  
Wheel Loader Product Manager



# Flexible **ALL-STAR**

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Versatile and efficient, *the ZW220-7 has what it takes to accelerate productivity where you need it most.* Popular in a wide range of essential jobs, such as residential & commercial construction, road & highway infrastructure improvements, and at equipment rental operations. Owners and operators alike are upgrading their results with help from this modern wheel loader.





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# CONFIDENT Controls

Built with all-day comfort in mind and packed with smart features like the standard Payload Checker, an advanced payload weighing system 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 a 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 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 ZW220-7.



# 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

Our innovative features improve safety around your 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 advantageous features for confined job sites, smaller work areas, and faster operator acclimatization.

## 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, and less interior clutter ensure operator line-of-sight in all conditions.

## AERIAL ANGLE Cameras

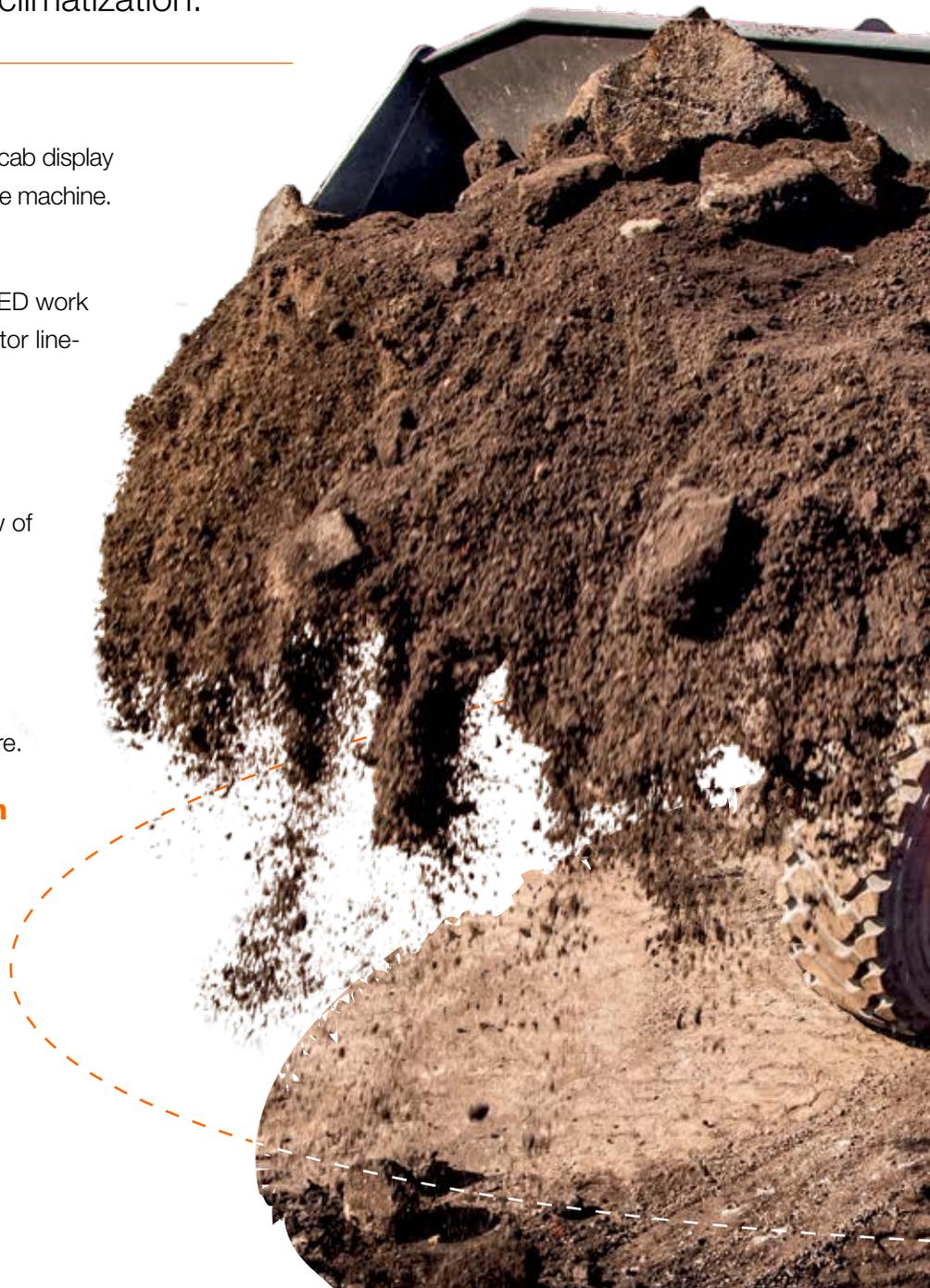
Optional peripheral vision camera system provides a wide 270-degree bird's-eye view of the machine's immediate environment.

## Emergency Steering Assist

An emergency steering pump provides supplemental power steering in the unlikely case of a loss of the main hydraulic pressure.

## Rear Obstacle Detection System

Optional for the ZW220-7 wheel loader, this effective early warning system can significantly improve site safety around moving equipment. Operators receive instant visual and audible alarms when near an obstacle.





# 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.

