

HITACHI

**CONSTRUCTION
WHEEL LOADER**
ZW180-7 | ZW180PL-7



Reliable Solutions



Bucket Capacity : 3.4 - 4.2 yd³ (2.6 - 3.2 m³)
Net Rated Power : 168 HP (125 kW)
Operating Weight : 33,245 - 34,259 lb (15,080 - 15,540 kg)
Model Code : ZW180-7 | ZW180PL-7

ZW180
ZW180PL

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 ZW180-7 & ZW180PL-7 wheel loaders.





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TASK MASTERS

A productivity powerhouse in either bucket or parallel fork versions, our ZW180-7 & ZW180PL-7 wheel loaders are packed with standard features that prioritize efficiency and operator comfort. Offered with forks to aid equipment yards, logging facilities, and beyond — anywhere the utmost in productivity and operator control is needed.

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 ZW180-7 & ZW180PL-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

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

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 ZW180-7 & ZW180PL-7 are made to last.



First-Class Cab Comfort

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



Enhanced Productivity

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



Service & Maintenance

With ConSite Air, and field-tested maintenance routines, ZW180-7 & ZW180PL-7 are workhorses with predictable service intervals.

ZW180-7



Bucket Capacity : 3.4 - 4.2 yd³ (2.6 - 3.2 m³)
Net Rated Power : 168 HP (125 kW)
Operating Weight : 33,245 - 33,797 lb (15,080 - 15,330 kg)

ZW180PL-7



Bucket Capacity : 3.0 - 3.4 yd³ (2.3 - 2.6 m³)
Net Rated Power : 168 HP (125 kW)
Operating Weight : 34,259 lb (15,540 kg)

Productive **POWERHOUSE**

Haul and load with the confidence on an overbuilt foundation, proven mechanicals, and modern operator assists. Our 168 horsepower Cummins engine and powerful hydraulics give up to 25,650 lbf (114 kN) in Break out Force with the standard bolt-on cutting edge bucket without compromising fuel consumption. Our uncompromising commitment to performance sets the powerful loaders apart in these key areas:

Reliable Powertrain

Motivated by a reliable direct injection CUMMINS engine, the ZW180-7 & ZW180PL-7 have the torque to lift, move, haul, and dump materials with ease.

Low Impact Operation

The operator and jobsite comfort is improved with high performance, featuring cab sound levels of LpA 67 dB(A)* and external levels of LwA 104 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 ZW180-7 & ZW180PL-7 by identifying slopes and increasing power output to prevent engine speed from dropping when travelling uphill.

Full Operator Control

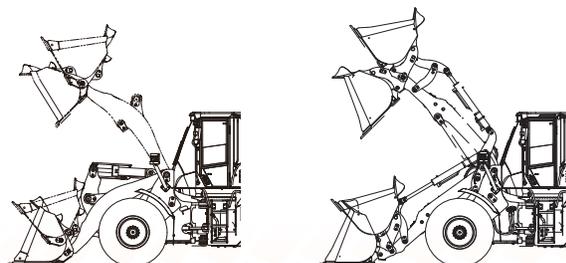
Designed to boost driver confidence and efficiency, the redesigned cab controls place key functions within easy reach for intuitive operation.

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
PRODUCTIVITY**

and lower cost per hour

PARALLEL LINK

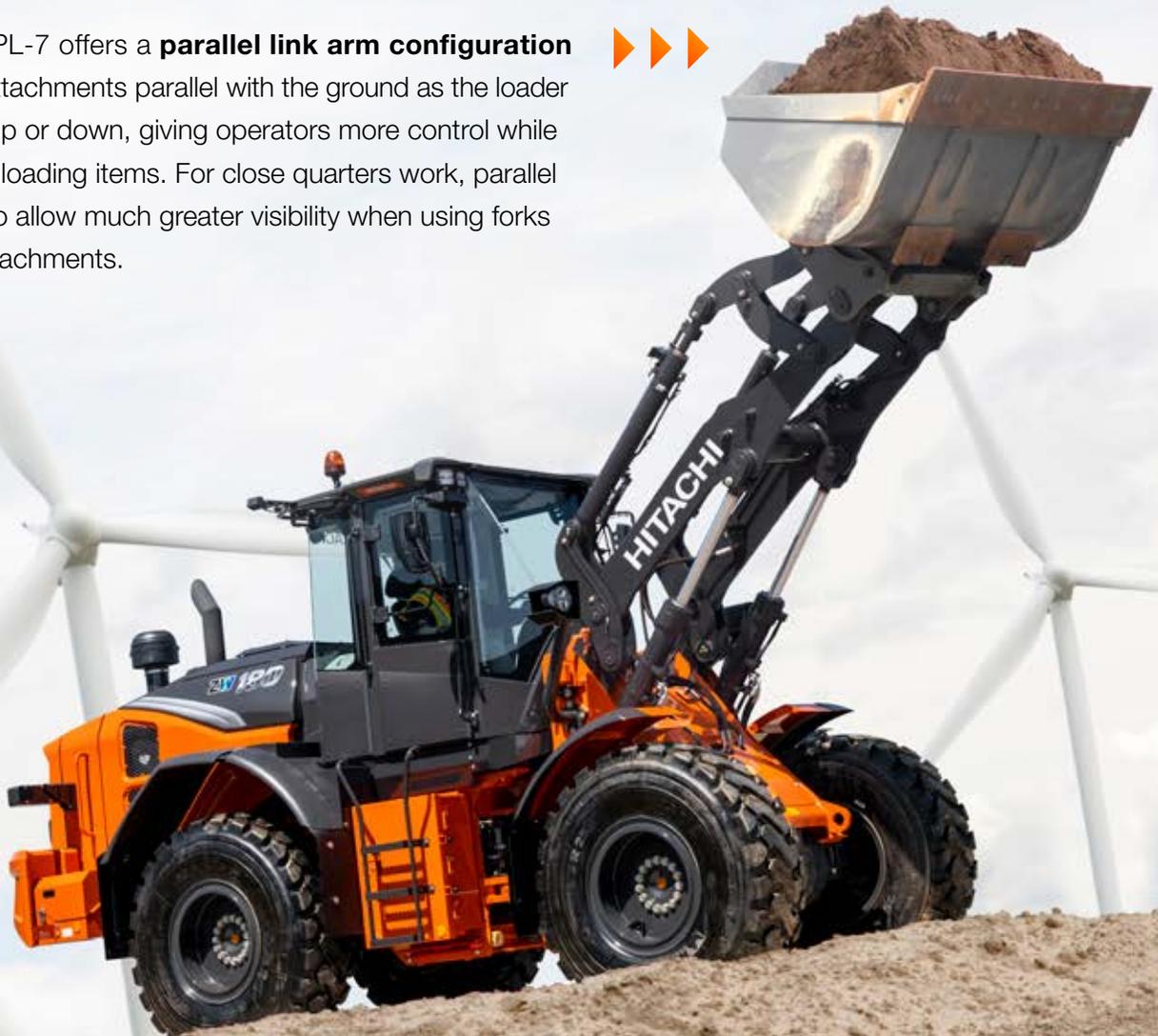
Wheel Loader



Shift **WORKHORSE**

Efficient and made to multi-task, the ZW180-7 & ZW180PL-7 have what it takes to accelerate productivity where you need it most. Used for a wide range of essential 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.

The ZW180PL-7 offers a **parallel link arm configuration** that keeps attachments parallel with the ground as the loader arms move up or down, giving operators more control while loading or unloading items. For close quarters work, parallel link arms also allow much greater visibility when using forks and other attachments.





“ Having experienced our wheel loaders' evolution over the past 30+ years and nine model generations, I can proudly say that our new ZW-7 loaders **achieve levels of operator comfort and machine productivity, that take the work out of the job!** ”



Mel Wade,
Hitachi Construction Machinery Americas
Wheel Loader Application Manager





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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, 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 cleaning.
- 10 Sure-grip steering wheel** for confident control.
- 11 3.5" color LCD** in the front dashboard is easy to view.
- 12 Spacious ergonomic cab** makes for a more comfortable space.
- 13 Air conditioning controller** ensures a pleasant working environment.
- 14 Bluetooth®** for hands-free calls.
- 15 High-resolution 8" monitor** is easy to use and navigate.
- 16 Switch panel integrated functions** are user-friendly.
- 17 Remote adjustable heated mirrors (optional)** are easy to use.

* ZW180-7 only



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.



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, 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 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 ZW180-7 and ZW180PI-7 wheel loaders, 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.

