

CONSTRUCTION-CLASS EXCAVATORS

ZAXIS  
**DASH-5**

- ZX250LC-5
- ZX290LC-5
- ZX350LC-5



**HITACHI**



# MORE DONE WITH GREATER SAVINGS

## Hitachi gives you more.

Whether it's selection, productivity, fuel efficiency, reliability, or control, Hitachi has always given you more. And the ZX Dash-5 Series is no exception. Loaded with numerous customer-driven enhancements, all three models deliver superior productivity and durability, while keeping operating costs low.

With more arm force, dig force, and lift capacity, ZX Dash-5 Excavators get more work done in a day. Their powerful Interim Tier 4 (IT4) Isuzu diesel engines quietly go about their business, getting the most out of every drop of precious fuel while meeting rigid emissions standards — so you can put them to work anywhere, including nonattainment areas.

The spacious cab features a wider door with more glass, more side-to-side foot room, a more comfortable high-back seat, and a new easy-to-read and easy-to-operate multifunction monitor. Options such as a heated air-suspension seat and rearview camera further enhance comfort and convenience.

What's more, ZX Dash-5 Excavators come standard equipped with three years of ZXLink™ Ultimate, giving you 24/7 online access to machine location, health, utilization, fuel consumption, and other valuable information — so you can better understand costs and jobsite performance.

To learn more about the ZX Dash-5 Construction Excavators, read on, and then make tracks to your local Hitachi dealer.

*The color of quality.*





## ■ More Productivity

Productive hydraulics and outstanding multifunction operation are a Hitachi tradition. Multiple sensors instantly feed automatic micro-adjustments for increased hydraulic power to maintain steady, sure movements.

## ■ More Comfortable Cab

Already considered by many operators to be the best-in-class cab, Hitachi ups the ante with a wider door with more glass, better visibility out back, additional mirrors, enhanced seat, improved multifunction/multilingual monitor, and more.

## ■ More Efficient Engine

Isuzu's engines employ a cooled exhaust-gas-recirculation (EGR) platform paired with a diesel particulate filter (DPF) to meet EPA IT4/EU Stage IIIB emissions regulations. These easy-to-maintain engines require no special additional fluids — just ultra-low-sulfur diesel fuel and CJ-4 engine oil.





# MORE MOVED WITH LESS EFFORT

## Hitachi gives you more.

Like their highly respected predecessors, the ZX Dash-5 Excavators deliver the same smooth responsiveness and multifunction capability that operators have come to expect in a Hitachi.

The HIOS III hydraulic system is the brain behind the brawn, perfectly balancing engine performance with hydraulic flow. It combines a hydraulic-boost system with an enhanced boom-recirculation function to generate more aggressive boom/arm speed. Since the arm returns to the dig position faster, you can move more dirt in a day.

Perhaps best of all, our excavators provide big productivity without sacrificing control, giving

operators the finesse they need for finish grading and placing pipe.

Three work modes allow an operator to choose a digging style that fits the job. **High Productivity (HP)** delivers more power and faster hydraulic response. **Power (P)** delivers a balance of power, speed, and fuel economy for normal operation. And **Economy (E)** maximizes fuel efficiency while delivering an enhanced level of productivity.

Need even more? You can also choose from a wide variety of track widths, arm lengths, bucket sizes and teeth, high-flow auxiliary hydraulic packages, and other options.

- Short-throw, low-effort controls, unmatched metering, and smooth multifunction operation provide finesse and precision when they're needed.
- Generous flow, arm force, and swing torque help speed cycles and keep you on schedule.
- When the digging gets tough, just press the power-boost button to muscle through.



# MORE COMFORT, MORE OPTIONS

Hitachi gives you more.

Perched on silicone-filled mounts, the ZX Dash-5 cab isolates the operator from noise and vibration. The roomier cab has a larger door for easier access, more door glass for better side visibility, and more side-to-side foot room. Narrow front cab posts, large overhead glass, and numerous mirrors, including one on the counterweight, provide excellent all-around visibility. The low rear-hood profile makes it easier to check for activity behind the cab as well.

The new, more comfortable mechanical-suspension high-back fabric seat is available in a heated, air-suspension version. Low-effort joysticks, a highly efficient HVAC system, and plenty of storage space also keep the comfort level high. The new multifunction monitor provides enhanced diagnostic features, integrates the radio and HVAC controls, and displays the action behind you from the optional rear-view camera.

To improve productivity and uptime, the Machine Information Center (MIC) captures vital machine performance and utilization data. This information is accessible via the LCD monitor as well as the Internet by accessing ZXLink Ultimate — the proprietary telematic remote-monitoring/fleet-management system that comes standard with every ZX Dash-5.

*It's all about command, control, and comfort — and nobody does it better than Hitachi.*



■ Multi-language LCD monitor provides a wealth of information and control. Just dial and tap to select work modes, monitor maintenance intervals, check diagnostic codes, set cab temperature, and make simple attachment hydraulic-flow adjustments, plus more.



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■ Automatic, high-velocity bi-level climate-control system with automotive-style adjustable louvers helps keep the glass clear, the cab comfortable, and the operator productive.



■ Ergonomically correct short-throw pilot levers provide smooth, precise fingertip control with less movement or effort. Push buttons in the right lever allow fingertip control of auxiliary hydraulic flow for operating attachments.



■ Lights, camera, action! Optional cab-mounted lights, an additional boom-mounted light, and rearview camera help show the way, regardless of when or where you work.

# MORE DURABILITY, GREATER FUEL EFFICIENCY

Hitachi gives you more.

The ZX Dash-5 Series is everything you like about Hitachi, and more. Extended frames house the enhanced cooling components and IT4/Stage III B Isuzu diesel engines. Undercarriage rollers on the two larger models are even more durable.

But not everything is new. Proven features such as digging structures and hydraulic, electrical, and undercarriage components continue to deliver long-term reliability.

Welded bulkheads within the boom resist torsional stress for unsurpassed durability. Booms, arms, and mainframes are so tough, they're warranted for three years or 10,000 hours, whichever comes first.

Tungsten-carbide-coated wear surfaces protect the all-important bucket-to-arm joint. Reinforced resin thrust plates, grooved bushings, and thermal-coated bucket joints increase arm- and boom-lube intervals to 500 hours. Oil-impregnated HN bushings enhance durability and extend grease intervals to 500 hours for the arm- and boom joint, 100 hours for the bucket joint.

## Durable Undercarriage

- Box-section track frames, thick-plate single-sheet main-frame, and large swing bearing deliver rock-solid durability.
- With large idlers, rollers, and strutted links, the sealed and lubricated undercarriage delivers long and reliable performance.
- Reinforced D-channel side frames provide maximum cab and component protection.

## Efficient Cooling

- Highly efficient, heavy-duty cooling system keeps things cool, even in the toughest environments.





Auto-idle automatically reduces engine speed when hydraulics aren't in use. Auto-shutdown further preserves fuel.

And speaking of fuel savings, the new IT4 Isuzu engines deliver the same fuel-efficient and reliable performance customers have enjoyed with the previous Hitachi series — without compromising productivity.

Fuel pressure, timing, and volume are precisely regulated by electronic control for efficient combustion with Isuzu's common-rail fuel-injection system. The addition of a diesel particulate filter (DPF) and a diesel oxidation catalyst (DOC) reduce particulate and NOx. An isochronous-controlled electronic governor maintains a constant speed, despite changes in engine load, reducing fuel consumption and noise in no-load and light-duty operations.

***Fewer emissions, impressive fuel efficiency — that's the ZX Dash-5 Series.***

■ Isuzu Interim Tier 4 diesel engine is powerful, reliable, and efficient.





**NOTE: VERTIS  
PLEASE ADD CORRECT  
HINGE FOR DOOR.**  
(THIS COMMENT IS TO BE DELETED.)



## MORE UPTIME WITH LESS EXPENSE

**Hitachi gives you more.**

From the self-cleaning steps and convenient grab bars that provide easy engine access, to the centralized lube banks and grouped service points — ZX Dash-5 Excavators are loaded with time- and money-saving advantages.

Grouped service points make quick work of the daily routine. And easy-to-check sight gauges and fluid reservoirs, quick-change remote-mounted vertical filters, and extended engine and hydraulic oil-service intervals minimize downtime for periodic maintenance.

Using ZLink and the in-cab diagnostic monitor, scheduled maintenance intervals and trouble codes are easy to access.



The IT4/Stage IIIB DPF is easily removed through the top of the engine compartment. Minimum service interval is 4,500 hours and can be done by your Hitachi dealer.

Oil-impregnated bushings enhance durability and extend lube intervals to 500 hours for the arm-and-boom joint, and 100 hours for the bucket joint. It's also backed by the best warranty in the business.

Your Hitachi dealership is also the place to go for unsurpassed parts and service support. Sourced from 11 regional parts depots, the critical parts you need to stay productive are readily available. Your dealer also offers remanufactured hydraulic and cylinder components that meet or exceed OEM standards. Tested and certified for top performance, they're backed by a one-year/1,500-hour parts and service warranty when installed by a Hitachi dealer.



■ LCD monitor tracks scheduled maintenance and reminders. Should a problem arise, it provides diagnostic codes to assist in troubleshooting. ZXLink can also provide early warning and remote diagnostics.



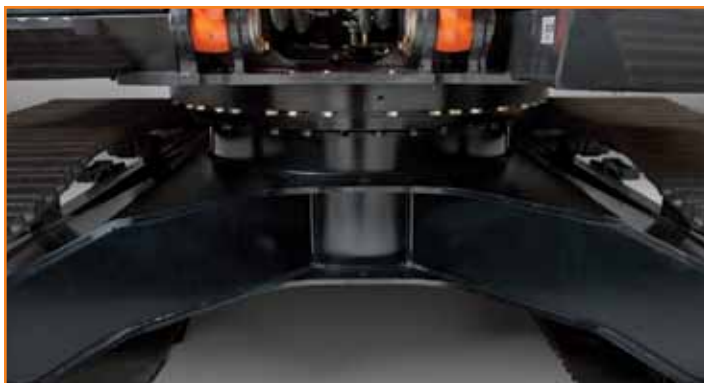
■ Vertical spin-on fuel- and engine-oil filters are positioned in the right rear compartment for simplified ground-level servicing.



■ Hinged service doors provide wide-open access to cooler cores for simplified debris clean-out.



■ Fresh-air cab filter is quickly serviced from outside the cab, so it's more likely to get done.



■ Thick-plate single-sheet mainframe, box-section track frames, and industry-exclusive double-seal swing bearing deliver rock-solid durability.



■ Centralized lube banks place difficult-to-reach zerk within easy reach to help make greasing less messy and time-consuming.



**HITACHI** the COLOR of QUALITY



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