



INTRODUCING THE POWERFUL, EFFICIENT ZW330-6

New wheel loader features DPF-free Tier 4 Final technology

Hitachi Construction Machinery Loaders America Inc. (HCMA) is launching the new ZW330-6 wheel loader on the heels of the ZW370-6. Designed and engineered to meet the demands of the North American market, the new model offers exceptional levels of performance without compromising on efficiency.

The ZW330-6 wheel loader features a bucket capacity of 6.3 cubic yards and is powered by the Cummins QSL9 Certified Tier-4 Final engine designed to reduce

maintenance costs and increase fuel efficiency. It does not require a diesel particulate filter and therefore avoids any regen related downtime.

Engineered in Japan and using market-leading technology, the ZW330-6 has been developed with an emphasis on safety, operator comfort, efficiency, reliability and low operating costs. The ZW330-6 is ideal for a wide range of applications and environments, including high-volume material production, stockpiling, and site excavation and development.

When Charles Harvey, mine manager at Borger, Texas-based Big Creek Sand & Gravel, reviewed the specs for the new Hitachi ZW330-6, he recommended they seize the opportunity to buy the first two Hitachi ZW330-6s in the U.S.

"We were looking for reliability and productivity, and the power and efficiency of the ZW330-6 exceeds expectations," he says. Because their digging operation runs six days a week to produce sand and gravel for highway construction work, Harvey says it's imperative to operate powerful, efficient equipment. "Performance is everything for a company that handles Big Creek's scope of work."

They particularly liked the lack of DPF, plus the safety features and operator comfort.

DPF-free

Powered by the Cummins QSL9 Certified Tier-4 Final engine, the ZW330-6 does not require a diesel particulate filter, reducing maintenance and parts costs. That feature, combined with lock-up transmission, enhances fuel efficiency while traveling. "That's one more item eliminated that could have caused problems or become another cost down the road," says Dallas McMann, general manager at Amarillo Machinery Company, Big Creek's Hitachi dealer. In hill-climbing environments the machine speed is further enhanced. Its impressive full-turn tipping load at 39,300 pounds is a leader in its class and a testament of its strength and balance.

Visibility

Several features of the ZW330-6 ensure it is one of the safest wheel loaders in its class. Visibility of the job site is excellent thanks to the 360-degree panoramic view from the spacious cab, the curved engine hood, and the in-dash rear-view camera. Designed to further enhance visibility, details such as the positioning of the muffler and air intake have also increased rear-view visibility.

Comfort

The comfort of operators is also considered in the design. Noise levels in the cab are reduced by improved sound insulation, providing a quiet working environment. To ensure a smooth driving experience on all kinds of terrain, the



How the Hitachi ZW370-6 wheel loader powers Big Creek Sand & Gravel's operation

> Reliability

To survive and thrive in the sand and gravel business, production must be consistent and productive. Big Creek Sand & Gravel mine manager Charles Harvey says they ordered the first Hitachi ZW330-6s in the U.S. because of their productivity and reliability.

"For productivity and reliability, this is one of the best loaders we've operated."

> Low maintenance

The ZW330-6's lack of a diesel particulate filter means even more uptime since there's no time-consuming DPF maintenance or regeneration cycles.

"The lack of DPF is a game-changer with the ZW330-6. Particulate filter is always a problem, and without that, it does help."

> Advanced safety

The ZW330-6 contributes to safe machine operation and sets Hitachi apart from the competition with features such as increased visibility with a 360-degree view for the operator, rear-view camera and multifunctional LCD monitor in front of the operator.

"The operators love the increased visibility of the loader and its direct impact on safety."

standard ride control feature minimizes pitching caused by the movement of lift arm cylinders. The low-profile dash, full-length doors, and well-organized storage areas all create a comfortable and productive operator environment.

Effortless operation and exceptional control are ensured by the standard

E-Stick Joystick Steering System, which enables operators to reach high levels of productivity. The multifunctional LCD monitor in the cab also makes work easier, showing vital information at a glance. The standard heated air suspension seat and adjustable side console allow the operator to customize their work environment.



McCann says operator comfort is a big part of the ZW330-6's appeal. "If an operator is in there for 10-12 hours a day, you want him to feel comfortable."

Versatility

Features such as the quick power switch contribute to the ZW330-6's versatility. The switch can be activated for hill climbing and instantly increases engine output when more power is required in other situations. The ZW330-6 is very intuitive as well. Intelligent features use inputs from the machine to adjust performance to match

worksite environment and application. Simultaneous movement of the bucket and lift arm ensures an efficient digging operation. Efficient loading is ensured by a 25% improvement in traction force compared to the previous model.

Durability

Robust materials and strengthened components have enhanced the durability of the new wheel loader. These include high-quality aluminum radiators which improve resistance to corrosion, heavy duty structural features, Z-link boom arms designed to improve reach and clearance,

box section frame, base mounted boom cylinder, and heavy-duty center pin.

The ZW330-6's easy maintenance features contribute to a high level of reliable performance. The engine covers open fully for convenient access to the engine, ground level access to fluids and filters, and extended hydraulic and engine oil change intervals. These features in conjunction with ConSite, the complimentary HCMA Cost of Ownership Management program, ensure reduced downtime and ease of management of routine maintenance practices. ■

Hitachi Construction Machinery Loaders America Inc. has made a significant commitment to the North American market. With manufacturing facilities in Tierra, Ryugasaki, Tsuchiura and Hitachinaka-Rinko, Japan, and locally in Newnan, Georgia, HCMA offers outstanding parts availability, an unmatched factory component exchange program, customer and dealer training programs, and a wide range of services and programs to provide outstanding support for Hitachi wheel loaders. The HCMA team is focused on wheel loaders and only wheel loaders. Backed by the global strength of Hitachi, HCMA is poised to make a major impact on the wheel loader market in North America. For more information please visit hitachiwheelloaders.us.