



HITACHI DELIVERS A NEW CONSTRUCTION-DUTY WORKHORSE WITH THE ZW180-6 LOADER

With the addition of the updated ZW180 to its Dash-6 line-up of mid-sized wheel loaders, Hitachi Construction Machinery Loaders America Inc. has claimed a place among premium production machines for top tier construction contractors, farm operations and infrastructure fleets.

Hitachi developed the Dash-6 Series to compete with the industry's most productive and durable equipment brands. Designed to serve as a true workhorse in loader applications, the ZW180-6 loader is built to stand up to long, hard-working days while adapting seamlessly to a full range of varied loader tasks.

Weighing in at 32,100 pounds, the ZW180-6 delivers 26,530 pounds of breakout force, powered by a Cummins 173 horsepower Tier 4F QSB6.7 engine. Customers are offered a choice of a 3.7-cubic-yard

general purpose bucket or a 4.2-cubic-yard material handling bucket. Able to lift as much as 3,000 pounds, the ZW180-6 can reach loading heights up to 9 feet.

Power and versatility

A key element in the ZW180-6's design for versatility is Hitachi's new Power Mode switch, conveniently mounted on the steering joystick. A touch of the Power Mode switch gives the operator immediate access to additional rim-pull and breakout force for digging into heavy piles or for climbing grades while carrying a full load. Available in any auto and manual ranges, the switch to Power Mode instantly produces a 10% burst in engine rpm. The Power Mode allows faster acceleration without limiting the loader's top speed on flat runs. It also boosts hydraulic flow to allow quicker bucket lifts for faster cycle times.

Operator performance and control

The ZW180-6 targets the needs of operators with popular smart technology including ride control, telematics, auto power-up, and an operator-friendly LCD color monitor. The cab is fully fitted out for the operator's creature comforts and convenience including automatic air conditioning, excellent ventilation and a new sound system with roof-mounted speakers. The compartment is sealed airtight and pressurized to keep out dust and dirt.

An extensive range of intuitive controls come easily to hand for responsive power, steering and loading functions. The tilt/telescoping steering pedestal is linked to a pop-up pedal that quickly returns the steering pedestal to its start position. The transmission offers two auto modes and one manual mode to adapt to the day's applications. A shift-to-hold switch overrides automatic settings to hold the transmission in its current gear until the operator presses it again or changes direction, giving it the extra traction or torque required at that time.

The best visibility in the business

The ZW180-6 offers a seamless front window, rounded engine cowling and a re-designed ROPS frame allow for clean 360° lines-of-sight.

The DPF-free Tier 4 Final solution

By eliminating DPF and the required regen cycles from its Dash-6 machines, Hitachi now takes the industry lead in Tier 4 Final solutions for wheel loaders. The ZW180-6 is equipped with a clean SCR system using just a simple DEF system that lets the machine run efficiently without high engine temperatures and eliminates concerns about idle times.

Reputations are built on it

The ZW180-6 is built for the long haul with a robust frame structure, high ground clearance and a resilient cooling package.

A visibly reinforced cross-tube design resists torsional stresses on the loading arms of the ZW180-6 features. The same robust strength is evident in the articulation area with its beefy structure, large pins and heavy bearings. An optional belly guard is also available to prevent damage to the powertrain and driveshaft in the most rugged terrain.

“With the Hitachi loaders, you get very good visibility, they're quicker and they have a tighter turning radius. Our employees are comfortable operating the machine; they don't feel beat up at the end of the day. And they really brag on the response.”

— Matt Biegler, president of Southeast Soils



Southeast Soils President Matt Biegler currently operates 11 Kawasaki/Hitachi loaders and plans to continue replacing other models with new Hitachi ones. “The Hitachi loaders are the best loaders for our application. In my previous position, I was responsible for the purchasing of loaders. Over many years, and more than 40 loader purchases, I have learned that Kawasaki/Hitachi is the most reliable and dependable wheel loader on the market.”

For more information, visit hitachiwheelloaders.us