

92Z7

HELPS DEFINE NEW STANDARD



THERE ARE SEVERAL WHEEL LOADERS ON THE MARKET, BUT NONE ARE LIKE THE KAWASAKI PRODUCTION-CLASS 92Z7.

For starters, it is the only machine in its class with standard swing-out auto reversible fan, full rear fenders with mud flaps, impregnated 500-hour HN linkage bushings, and an AM/FM/CD/AUX player. It also has the highest bucket-hinge pin height in its class, making it ideal for truck loading.

Other features on the 92Z7 include a Tier 4i Hino (Toyota) E13C-VV diesel engine, Hitachi four-speed transmission, Hitachi axles, wet-disc parking brakes, 26.5 x 25 tires, and a piston pump. Hino engines have been in use in Japan for many years and have an excellent track record.

In addition to truck loading, with so much power packed under the hood and its tall

bucket-hinge pin height, the 92Z7 is ideal for asphalt, quarry, and sand/gravel applications. And when equipped with one of our special applications packages, it can also handle with ease logging, scrap, refuse/recycling, and hot slag jobs.

BRAWN AND BRAINS

The 92Z7 is no wimp. Its 286-horsepower engine powers the wheel loader through tough operating conditions, yet responds with even more heart when the Quick P button, located on the side of the bucket hydraulic control lever, is pushed and held while the machine is in Normal Mode. This temporary surge of power is ideal for hill climbing or whenever additional rimpull is needed. The

engine will stay in this temporary Power mode until the transmission shifts. If the operator needs the higher power output continuously, all he needs to do is select the Power Mode.

AutoMode is another clever means to harness the 92Z7. It allows the operator to easily select the optimum shift pattern for the application, or shift the transmission manually to control machine acceleration. Some applications require auto shifting from 2-4, and so speed cycles, while other applications benefit from auto shifting from 1-4 for more power at lower speeds. The operator simply selects Auto1, Manual, or Auto2. Manual shifting is done by using the twist grip shift lever to select 1, 2, 3, or 4.



“There’s a lot of good visibility and a lot of power. Maybe too much power! And the way it shifts is very good. It’s an all-around good machine for what we do.”
 — Williams Sand & Transport

Some Key Kawasaki Spec Advantages:

- Greater bucket capacity than Deere 824K
- Taller Hinge Pin Height than Case 1121F, Caterpillar 972K, and Volvo L180G
- Greater Breakout Force than Caterpillar and Deere
- Heavier Operating Weight than Caterpillar and Deere
- Greater FT Tip Load than Case, Caterpillar, and Deere
- Torque Proportional Differential Gear — Case and Caterpillar use Conventional



There are other ways to control the power of the 92Z7 as well. The Downshift Switch, located in two places on the boom hydraulic control lever (top and left side), allows for downshifting by one gear for added rimpull while working in Auto2 Mode.

And let’s not forget the bucket itself. We’ve improved the bucket shape for better loading characteristics, whether you use a standard or high-lift boom. The longer floor allows for better material flow into the bucket. The 92Z7 takes a 6.3-cubic-yard (4.8 cubic meter) bucket.

But big and brawny doesn’t have to mean dumb. That’s the beauty of Z7’s IntelliTech — these Series of machines think for themselves. IntelliTech’s suite of systems adjust the powertrain and hydraulics to actual operating conditions.

IntelliDig, for example, reduces rimpull when the bucket is low, and gradually increases this force as the bucket comes up through the material. This speeds the loading cycle without wasting power and fuel. When the bucket is finished loading, IntelliDig increases the raise speed and shortens cycle time. And SimulLoad means an operator can effectively use both tilt and lift simultaneously while digging. The operator can even set the height at which the normal Tilt-Priority function takes over. Other IntelliTech systems include QuickCycle, FlexShift,

COMPETITIVE FEATURES CHART					
	Kawasaki 92Z7	Case 1121F	Caterpillar 972K	John Deere 824K	Volvo L180G
Auto Idle Shutdown	Std	Std	Std	Std	Opt
Reversible Fan	Std	Opt	Opt	Opt	Std
Swing Out Fan	Std	N/A	N/A	Std	N/A
Rearview Camera	Std	Opt	Std	Opt	Std
AM/FM/CD/AUX	Std	Opt	Opt	Opt	Opt
HN Linkage Bushings	Std	N/A	N/A	N/A	N/A
Fenders Full	Std	Opt	Opt	Opt	Opt

* Red denotes KCM advantage

Variable Declutch, Automatic Reversible Cooling Fan, and Auto Idle Shutdown.

COMFORT AND CONVENIENCE

The 92Z7 sports a roomy and comfortable cab. Fingertip easy, pilot-assisted hydraulic controls can be either single or dual ever. The pilot controls also contain the Downshift Switch, Quick Power Button, and Horn. The Shift Hold button is conveniently located in the hydraulic control console, along with the elevated Forward/Reverse switch. The adjustable arm console contains rocker switches for easy selection of Power Mode, AutoMode 1&2, Variable Declutch, Manual

DPF Regeneration, Control Lever Lock, and optional Ride Control. Other options include joystick steering (hydraulic over hydraulic) in addition to the steering wheel, and 3rd spool hydraulics.

And when it comes to maintenance, the 92Z7 has the same extended service intervals and easy-to-access and locate items of other Z7 Series machines — such as the auto-reversible cooling fan, battery box, lube points, sight gauges, and more.

For more information about the new 92Z7 wheel loader, see one at your local Kawasaki dealer or go online to www.kawasakiloaders.com/92Z7.