

# A POWERFUL NEW PLAYER

**The new Kawasaki 95Z7 model redefines what a 21st Century production loader can and should be. It also continues the productive Kawasaki ruggedness that has become the hallmark of the seven-yard class, and introduces the intuitive, productive, and efficient movements available only from sophisticated electronics. Add the Isuzu 6WG1 Tier 4 Interim (IT4) engine — world-renowned for outstanding fuel efficiency and long life — and you get one outstanding, powerful new player to this important production class.**

## HOW'S THE 95Z7 DIFFERENT?

- ✓ A new standard bucket design enhances bucket-fill ease.
- ✓ The Isuzu engine is extremely fuel efficient and known for its common-sense approach to meet Tier 4 certification.
- ✓ Excavator-style, open-center, load-sensing hydraulics not found in most competitive loaders enhance the operator's ability to efficiently get fuller loads more quickly.
- ✓ The patented IntelliDig feature automatically meters hydraulic power to the cylinders powering the bucket-digging force and the wheel's rimpull force, allowing ideal splitting of power for the fastest, most efficient bucket fill.
- ✓ Another feature in the IntelliTech Operating System, called SimulLoad, automatically meters hydraulic power to the lift and tilt cylinders so both actions can happen simultaneously, while the loader is digging.
- ✓ A third feature, called QuickCycle, increases hydraulic speed while keeping the transmission from upshifting.
- ✓ Two final computer controls provide aids to productivity and fuel efficiency: an override against excessive throttle acceleration, and a shockless declutch for smooth braking on either level or sloped operations.

So, for this important production class where loaders are used all day, every day, the new 95Z7 provides a more accurate and powerful feeling to the operator, and a more productive job of loading trucks or charging screens or hoppers with less fuel burned than most of the competition.



**The new Kawasaki Z7 series of wheel loaders makes use of the best engineering prowess of Kawasaki Heavy Industries, parent company to Kawasaki Construction Machinery. KHI is one of the world's largest industrial manufacturers in the world. Additionally, KCM has partnered with other companies like Isuzu to make this series of wheel loaders the most innovatively productive and fuel efficient as possible.**



## ISUZU ENGINES

By moving to Isuzu, KCM can now offer the most technologically advanced engine in the industry.

The Isuzu 6W Series has developed legendary status for reliability and innovative technology. The Series is quieter and more efficient. Its cooled EGR and highly optimized performance calibrations are a part of Isuzu's Clean Air Solutions (ICAS). Isuzu suggests 500-hour service intervals. Kawasaki covers the engine, providing a two-year/2,000-hour warranty.

The 95Z7 comes with Auto-Idle Shutdown, as do all Z7 machines. This increases fuel economy, and can decrease regeneration frequency.

## HYDRAULIC IMPROVEMENTS

Kawasaki has moved from a gear-driven hydraulic pump to a more fuel-efficient and flexible piston pump. This allows increased flexibility for the engine RPMs to match the hydraulic-force needs of the moment.

The Kawasaki torque convertor now has mechanical lock-up at high speeds for direct-drive efficiency, increased speed, and improved fuel economy.

The 95Z7 has an industry-exclusive open-center, load-sensing hydraulic system — similar to those proven on hydraulic excavators. Compared to the closed systems found on competitive wheel loaders, Kawasaki's open-center system provides the operator real feel at the control lever. Along with the hydraulic pilot-control system also found on the 95Z7, these two systems provide the operator with an advantage of "feeling" the effort so he can better adjust his actions for a more productive cycle.

### HYDRAULIC CYCLE TIME

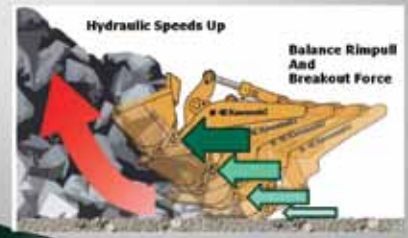
(measured in accordance with SAE J732C)

Lifting Time (at full load) 6.5 sec.  
Lowering Time (empty) 4.5 sec.  
Bucket Dumping Time 1.2 sec.

**TOTAL 12.2 sec.**

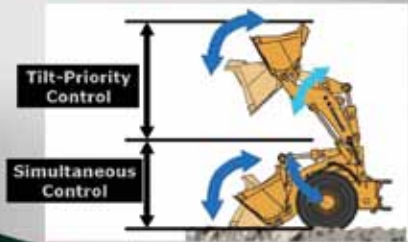
And all Z7 models feature automotive-style, pulse-width modulation shifting, which provides ultra-smooth shifting up and down as the loader moves through the enter/dig/back/travel/dump cycle.

### INTELLIDIG



The patented IntelliDig system provides optimal digging effort by automatically balancing the wheel rimpull force and the bucket hydraulic breakout force.

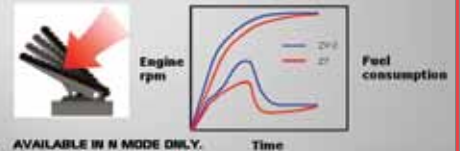
### SIMUL-LOAD



The advanced SimulLoad system automatically maximizes the two functions of bucket tilt and arm lift hydraulic efforts while the loader is moving out of the pile.

### EFFICIENT ACCELERATION

If the operator over-accelerates, the engine will control RPM to match acceleration



In Normal Mode, the computerized system controls operator over-acceleration so just the right amount of fuel is delivered to the engine for efficient engine RPMs and fuel consumption.

### QUICK CYCLE

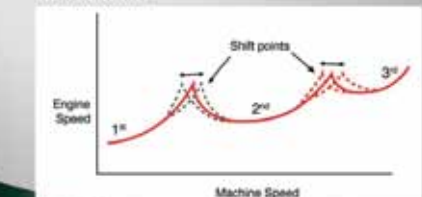
When Raising Loaded Bucket:  
• No 2-3 Upshift  
• Hydraulic Speed Up



Kawasaki's QuickCycle system increases engine RPM for maximum hydraulic force while blocking inappropriate shifting from second to third.

### FLEX-SHIFT

Shift Points vary depending on working conditions.



The FlexShift computerized system receives input from multiple sensors to decide the most appropriate time to shift up or down, depending on the working conditions.

### COMPETITIVE SPECS

	KCM 95Z7	Cat 980K	Deere 844K	Volvo L220G	Komatsu WA500-7
Engine	Isuzu 16L	Cat 13L	Deere 13.5L	Volvo 13 L	Komatsu 15L
Horsepower	389/388	406/369	N/A	367/366	357/353
Operating Weight	75,790	68,862	70,629	71,165	76,611
GP Bucket Cap.	7.3	7.0	7.25	7.3	7.3
Breakout Force	53,730	53,548	47,860	51,301	55,115
FT Tipping Load	47,990	45,148	44,136	47,973	54,190
Dump Clearance	10' 9.8"	10' 8"	10' 11"	10' 5.5"	10' 10"
Reach	4' 9.3"	5' 1"	4' 11"	4' 6.3"	4' 11"

## OPERATOR COMFORT

The totally redesigned Z7 cab features a panoramic view of the front and sides, and a Kawasaki-exclusive, wide-stance Z-linkage placement for viewing loads between the two cylinders. There is a standard remote camera that displays what's behind the loader whenever reverse is selected — with the image shown in the middle of the newly redesigned LCD instrument panel.

A redesigned, ergonomically correct air-suspension seat is fully adjustable, with the side console also adjustable to fit operator preference. A heated seat is also available.

The cab features increased pressurization and tight insulating molding for a quieter, more dust-free environment. Thermostatically controlled AC temperatures keep the operator functioning at his best.

**For more information about the new 95Z7, visit your local Kawasaki dealer or go online to [www.kawasakiloaders.com/95Z7](http://www.kawasakiloaders.com/95Z7).**



**A comfortable operator is a productive operator. In the Kawasaki Z7s the operator comfort is outstanding. Quiet, convenient, clean, and designed for optimum operator comfort, safety, and productivity.**

