



BRAINS, BRAWN, & LOW MAINTENANCE

THE 70Z7 IS A CHARMER



BRAINS

In a highly competitive and crowded class, Kawasaki's new 70Z7 is a stand-out. Like all the new Z7 wheel loaders, the 70Z7 has retained the IntelliTech functions such as the patented IntelliDig system, balancing rimpull force and hydraulic digging force to match conditions, the QuickCycle function, and the FlexShift feature that matches shift points to the actual working conditions. But unlike its larger-sized brethren, the 70's intelligence works behind the scenes, so many of its operations perform without human intervention. The 70 is also incredibly easy to run. Its high-intensity LCD monitor, straightforward dash arrangement, and intuitive systems make it ideal for rental purposes as well as operations where operator skills run the spectrum.

New T4i emissions technology means a more fuel-efficient and savvy loader. The

70Z7 is so smart it can reduce fuel usage up to 20-percent per ton of material moved compared to the previous 70ZV-2 model.

BRAWN

When it comes to power, the 70Z7 has it by the bucketful. It sports a 173 hp (gross) Cummins engine, a ZF five-speed transmission, work mode selector, 50-degree bucket tilt-back angle for carrying, and a full-turn tipping load of a whopping 22,800 pounds. A Quick Power switch kicks in enough extra power to muscle through tough spots. In very challenging environments the Power Mode can be selected, although field tests show it isn't required for even the most demanding applications.

Field tests are also reporting a vast improvement over previous-generation fuel consumption. Now that's attractive on all levels!

The 70Z7 is also quite versatile. Add a high-lift arm configuration, or third-spool hydraulics to that and you have a real work-horse for a variety of applications and environments.

HOME AWAY FROM HOME

When it comes to operator comfort and productivity, the 70Z7 also distinguishes itself from the crowd. In the cab, there's improved visibility especially to the rear, ample air conditioning and heat, and lots of storage. Pressurization reduces dust infiltration. Tilt telescoping steering, bolt-on adjustable side console, air suspension seat, and AM/FM/CD/WB radio with AUX input means anyone can feel right at home.

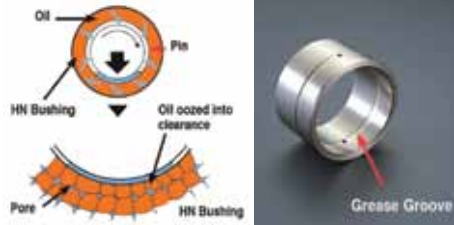
The multifunction single-control lever simplifies tasks. The direct-acting Orbital Steering responds quickly and accurately, minimizing operator effort.

Combine that with the optional ride control, and operators won't leave the job site physically drained.

LOW MAINTENANCE

The 70Z7 was also designed with ease of maintenance in mind. The change to T4i also means the 70 has NO diesel particulate filter (DPF)! If you are concerned about regen, no worries here — no DPF, no regen. The adapted EGR technology reduces NOX and particulate matter. The automatic reversible cooling fan along with the diesel fuel cooler take the worry out of heat and dust build-up as well.

Gull-wing doors provide easy access to the engine. Rear operational lights are safely tucked into the bumper/counterweight. The hydraulic oil-change service interval is extended up to 4,000 hours when KCM SuperEX46 fluid is used. The engine-oil service interval is extended to 500 hours with the use of low-ash CJ-4 oil. And wherever the patented HN bushings are found, lubrication is extended to 500 hours. Just what are HN bushings? High-viscosity oil



The use of HN bushings extends lube intervals on bucket linkage up to 500 hours or more, reducing maintenance time and costs.

is vacuum-impregnated into sintered high-hardness metal. During machine operation, that oil oozes from the pores of the bushing into the clearance between pins and bushing. HN bushings are located in the following pins: bucket, bucket link, bucket cylinder, bell crank, lift arm cylinder, lift arm pivot, and steering cylinder.

For more information about the new attractive, yet productive, 70Z7 wheel loader, contact your local Kawasaki dealer or go online to www.kawasakiloaders.com/70Z7.



70Z7 KEY SPECS

Bucket Capacity, Heaped (yd ³).....	3.7
Max. Dumping Clearance.....	8' 11 7/8"
Dumping Reach	3' 8 1/8"
Bucket Hinge Pin Height	12' 10 3/8"
Breakout Force (lbs)	25,180
Operating Weight (lbs).....	31,750
Engine Make/Model	Cummins QSB6.7
Horsepower (gross/net)	173/168
Transmission Type.....	Planetary
Speeds F/R	5F/3R
Hydraulic Cycle Time (sec.).....	10.8
Linkage	Z-bar
Tires Standard.....	20.5-25-12PR (L-2) (L-3)
Tires Optional.....	23.5-25-12PR (L-2) (L-3)

