

**Kawasaki**  
KCM

152HP | 2.75 – 3.1 yd<sup>3</sup>  
BUCKET CAPACITY

152HP | 3.1 – 3.5 yd<sup>3</sup>  
BUCKET CAPACITY

**62Z7** / **67Z7**



PRELIMINARY

**ONE FOCUS. COMPLETE SOLUTIONS.**



# INTRODUCING A NEW E.P.I.C. GENERATION

## 62Z7

## 67Z7

### 62Z7 AND 67Z7 FEATURES:

- Fuel efficient Isuzu engines
- Electronically-controlled HST
- Limited slip differentials
- Comfortable cab
- Great visibility
- Easy read LCD display
- Smooth shifting
- Quiet

### EFFICIENT. POWERFUL. INTELLIGENT. COMFORTABLE.

Kawasaki pioneered the Z-Link design to provide unmatched utility, high breakout force and efficiency in its loaders. The Z7 generation implements brand-new patented technology, industry exclusive innovation, and input from owners and operators all over the world. We've engineered the Z7 series from the ground up!

#### EFFICIENT

The HST powertrain automatically adjusts tractive effort and loading force, to improve operating efficiency and reduce operating costs.

#### POWERFUL

Custom Operating Power Modes, made available through the IntelliTech Operating System, maximize a High Engine Power Rating to provide power on demand.

#### INTELLIGENT

The Kawasaki IntelliTech Operating System uses logic and intelligence to adjust the operating characteristics of the loader. Our intuitive system captures every aspect of working conditions and operating demands to adjust the powertrain and hydraulics for best application requirements.

#### COMFORTABLE

The new Z7 operator compartment features a low-profile dash, full-length glass doors, panoramic front window and well-organized storage areas—plus much more. We have total operator comfort in mind!





## DEFINING A NEW STANDARD

Kawasaki defines a new standard in production class wheel loaders with the introduction of the 62Z7 and 67Z7—models that reflect the advanced engineering required to improve operating efficiencies while lowering operating costs through a highly intuitive, patented technology, the IntelliTech System.

IntelliTech is a family of technological innovations by Kawasaki to enhance the performance of the Z7 loader series. It is a comprehensive package of features that affects all phases of the wheel loader application.

These features use logic or intelligence to adjust the operating characteristics of the machine, sensing the working conditions and adjusting the powertrain and hydraulics to best match application or environmental requirements. Many of the IntelliTech operations are automatic, while others allow the operator to select functions appropriate for the application or work environment.

- 24-Hour Parts Service
- In House Rebuild Center
- Flexible Warranty Programs
- Custom Dealer Service Programs



*KCMA provides a totally focused approach to supporting your business. From carefully designed programs and services, to engineered special applications options, the 67Z7 wheel loader is ready to tackle the most demanding applications and environments.*





## EFFICIENT.



Efficiency is getting the job done with the least amount of waste. The Z7s are very efficient loaders. The hydraulic system is designed for maximum performance and efficiency. The systems and controls allow for efficient operation. And servicing is efficient and reduces operating costs even further.

- Fuel efficient, load sensing, piston pump hydraulics
- Efficient, proven Z-linkage for excellent digging performance
- Normal and Power modes match the full range of demand
- Extended Engine Oil Change Interval
- Accessible filters, ground level fueling, tank sight gauges, grouped grease fittings
- HN Bushings impregnated with high viscosity oil extend lubrication period to 500 hours on loader linkage pins
- Automatic Reversing Cooling Fan, Standard
- Excellent Fuel Consumption
  - Low engine speed with high loader speed





# POWERFUL.

Power and productivity are what Kawasaki loaders are famous for. The Z7 has moved to another level in this area. Strong, responsive engines provide the power to get the job done. Powerful hydraulics make the work easy and the productivity high.

## **POWERFUL ENGINE**

- ISUZU 4HK1 diesel engine
- Tier 4i Certified, clean
- Reliable
- Fuel Efficient
- Responsive
- Adapted EGR technology reduces NOX and Particulate matter.
- Auto-Idle Shutdown

## **POWERFUL HYDRAULICS**

- Reliable piston pump
- Excellent breakout force
- Fast, Responsive
- Increased Steering Power





# POWERFUL.



Hydrostatic Transmission (HST) automatically adjusts tractive effort and loading force, providing very smooth shifting operation. The HST also functions much like an autobrake saving wear and tear on the wet-disc brakes.



## HST

- Traction control
- Creep Switch/rotary setting
  - Fine controllability in low speed
- High speed travel at low RPM
- Powerful HST brake performance
- Inching/Brake Pedal provides smooth deceleration



*(l-r) Inching/Brake Pedals,  
Accelerator Pedal*



# INTELLIGENT.



## INTELLITECH SYSTEM

- Automatic Reversible Cooling Fan is controlled by multiple inputs for optimum operation
- Aerodynamic Fan blade design for quiet operation
- Auto Idle Shut Down senses excessive idling and shuts down engine to reduce fuel consumption.
- Patented IntelliDig system balances Rimpull force and Hydraulic digging force to match conditions
- Excellent rimpull power
  - Power Dozing
  - Hill Climbing
- SimulLoad system allows for simultaneous actuation of lift and tilt while digging





# COMFORTABLE.

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.

## COMFORTABLE CAB

- Large, quiet, well-sealed ROPS cab with great visibility in all directions
- Deluxe, ergonomic air suspension seat can be equipped with heated cushions
- Tilt/Telescoping steering column with pop-up pedal for convenient entry and exit
- High Visibility front dash design
- Excellent ventilation from sliding side windows and full-length glass, latch-back doors
- Adjustable side console to fit operator preference
- Standard AM/FM/CD/WB with AUX outlet and dual speakers
- Thermostatically controlled HVAC system for year-round climate control
- Convenient storage includes thermal storage box, cup holders, coat hook and large storage shelf



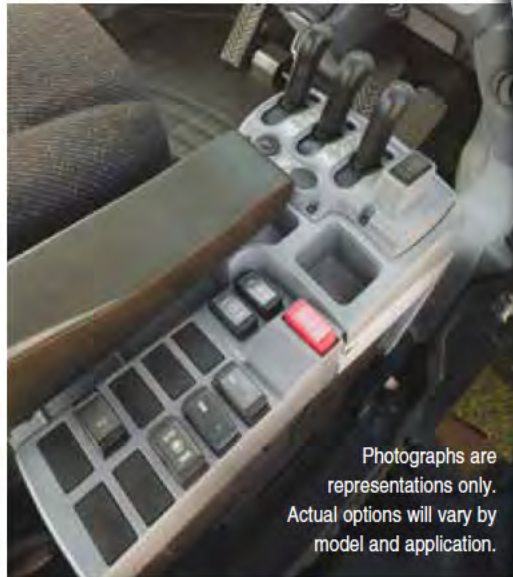


# COMFORTABLE.

Improved Controllability. The Z7 operator compartment features a low profile dash with monochrome LCD monitor, full-length glass doors, panoramic front window, well organized storage areas, plus much more. We have total operator comfort in mind!

## CONVENIENT CONTROLS

- The Pilot controls, available in single or dual lever, also contain fingertip controls for the F/R button and Horn.
- The adjustable arm console contains rocker switches for convenient selection of the "Power Mode," "Dual Lift Arm Kick-Out," "Inching" and optional "Ride Control."
- Side Control panel can be adjusted to fit operator preference.
- 12V outlet and 24V lighter outlet, dual interior lights



Photographs are representations only. Actual options will vary by model and application.





# SERVICE SIMPLIFIED

## ACCESSIBILITY/SERVICEABILITY/DURABILITY

- Angled Ladders
- Wide-Access Engine Compartment Doors, Gull Wing, Metal
- Battery Disconnect
- Easy Access Battery Box
- Grouped Lube Points
- Ground level Fluid Check Points
- Ground Level Fueling
- Fuse/Relay Panel in Cab
- Autolube, Optional
- HN Bushings impregnated with high viscosity oil extend lubrication period to 500 hours on loader linkage pins





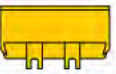




## FAILURE IS NOT AN OPTION.

Kawasaki is dedicated to keeping your wheel loader up and running, even in the most challenging situations. Starting with the KLEW (Kawasaki Loaders Early Warning) Oil Analysis System, designed to eliminate unnecessary maintenance and downtime, to our 24-hour parts shipment service, and our extensive rebuild program, Kawasaki has the expertise and experience to respond quickly to your needs.



# BUCKET DATA

# 62Z7 / 67Z7

|  |                              |                                      | 62Z7  |   |  | 67Z7  |   |  |
|---|------------------------------|--------------------------------------|---|---|--|---|---|--|
|   |                              |                                      | Standard Boom   | Material Handling   | High Lift  | Standard Boom   | Material Handling   | High Lift  |
|   |                              |                                      | General Purpose Bucket With Bolt-on Cutting Edge<br> | Bucket With Bolt-on Cutting Edge<br> | Material Handling<br> | General Purpose Bucket With Bolt-on Cutting Edge<br> | Bucket With Bolt-on Cutting Edge<br> | Material Handling<br> |
| Capacity  | Heaped                       | yd <sup>3</sup><br>(m <sup>3</sup> ) | 2.75<br>(2.1)   | 3.1<br>(2.4)  | 2.75<br>(2.1)  | 3.1<br>(2.4)  | 3.5<br>(2.7)  | 3.1<br>(2.4)   |
|   | Struck                       | yd <sup>3</sup><br>(m <sup>3</sup> ) | 2.35<br>(1.8)   | 2.6<br>(2.0)  | 2.35<br>(1.8)  | 2.6<br>(2.0)  | 2.9<br>(2.2)  | 2.6<br>(2.0)   |
| Maximum dumping clearance   |                              | ft-in<br>(mm)                        | 9'2 <sup>5</sup> / <sub>8</sub> "<br>(2,810)  | 9'1"<br>(2,770)   | 10'6 <sup>5</sup> / <sub>8</sub> "<br>(3,215)  | 9'2 <sup>1</sup> / <sub>4</sub> "<br>(2,800)  | 8'11 <sup>1</sup> / <sub>8</sub> "<br>(2,720)   | 10'6 <sup>1</sup> / <sub>8</sub> "<br>(3,205)  |
| Dumping reach (to front of bucket edge or tooth)                                  |                              | ft-in<br>(mm)                        | 2'9"<br>(840)   | 2'10 <sup>1</sup> / <sub>2</sub> "<br>(875)   | 3'6"<br>(1,065)  | 3'1 <sup>5</sup> / <sub>8</sub> "<br>(955)  | 3'4 <sup>3</sup> / <sub>8</sub> "<br>(1,025)  | 4'<br>(1,220)  |
| Max. hinge pin height   |                              | ft-in<br>(mm)                        | 12'5 <sup>3</sup> / <sub>4</sub> "<br>(3,805)   | 12'5 <sup>3</sup> / <sub>4</sub> "<br>(3,805)   | 13'8"<br>(4,165)   | 12'7"<br>(3,835)  | 12'7"<br>(3,835)  | 13'9 <sup>3</sup> / <sub>8</sub> "<br>(4,200)  |
| Digging depth (with bucket level)   |                              | ft-in<br>(mm)                        | 1'1 <sup>8</sup> / <sub>8</sub> "<br>(30)   | 1'1'1 <sup>8</sup> / <sub>8</sub> "<br>(30)   | 5'<br>(125)  | 3'3 <sup>4</sup> / <sub>4</sub> "<br>(95)   | 3'3'4 <sup>3</sup> / <sub>4</sub> "<br>(95)   | 11'<br>(280)   |
| Breakout force  |                              | lb<br>(kN)                           | 21,800<br>(97)  | 20,680<br>(92)  | 22,030<br>(98)   | 23,600<br>(105)   | 21,360<br>(95)  | 22,710<br>(101)  |
| Bucket tilt-back angle  | at ground level              | degree                               | 42°   | 42°   | 44°  | 43°   | 43°   | 44°  |
|   | at carry position            | degree                               | 50°   | 50°   | 50°  | 50°   | 50°   | 50°  |
| Overall   | Length                       | ft-in<br>(mm)                        | 23'4 <sup>7</sup> / <sub>8</sub> "<br>(7,135)   | 23'7"<br>(7,190)  | 24'11 <sup>5</sup> / <sub>8</sub> "<br>(7,610)   | 24'4 <sup>1</sup> / <sub>2</sub> "<br>(7,430)   | 24'8 <sup>7</sup> / <sub>8</sub> "<br>(7,540)   | 25'11 <sup>3</sup> / <sub>4</sub> "<br>(7,920)   |
|   | Height (to top of Cab/ROPS)  | ft-in<br>(mm)                        | 10'8 <sup>1</sup> / <sub>2</sub> "<br>(3,265)   | 10'8 <sup>1</sup> / <sub>2</sub> "<br>(3,265)   | 10'8 <sup>1</sup> / <sub>2</sub> "<br>(3,265)  | 10'8 <sup>1</sup> / <sub>2</sub> "<br>(3,265)   | 10'8 <sup>1</sup> / <sub>2</sub> "<br>(3,265)   | 10'8 <sup>1</sup> / <sub>2</sub> "<br>(3,265)  |
|   | Height (bucket fully raised) | ft-in<br>(mm)                        | 16'5 <sup>1</sup> / <sub>4</sub> "<br>(5,010)   | 16'11 <sup>1</sup> / <sub>8</sub> "<br>(5,160)  | 17'7 <sup>3</sup> / <sub>8</sub> "<br>(5,370)  | 17'3 <sup>3</sup> / <sub>8</sub> "<br>(5,190)   | 17'1 <sup>7</sup> / <sub>8</sub> "<br>(5,230)   | 18'2 <sup>3</sup> / <sub>4</sub> "<br>(5,555)  |
|   | Width (outside tire)         | ft-in<br>(mm)                        | 8'1"<br>(2,465)   | 8'1"<br>(2,465)   | 8'1"<br>(2,465)  | 8'1"<br>(2,465)   | 8'1"<br>(2,465)   | 8'1"<br>(2,465)  |
|   | Width (outside bucket)       | ft-in<br>(mm)                        | 8'4 <sup>3</sup> / <sub>4</sub> "<br>(2,560)  | 8'4 <sup>3</sup> / <sub>4</sub> "<br>(2,560)  | 8'4 <sup>3</sup> / <sub>4</sub> "<br>(2,560)   | 8'4 <sup>3</sup> / <sub>4</sub> "<br>(2,560)  | 8'4 <sup>3</sup> / <sub>4</sub> "<br>(2,560)  | 8'4 <sup>3</sup> / <sub>4</sub> "<br>(2,560)   |
| Tread   |                              | ft-in<br>(mm)                        | 6'4"<br>(1,930)   | 6'4"<br>(1,930)   | 6'4"<br>(1,930)  | 6'4"<br>(1,930)   | 6'4"<br>(1,930)   | 6'4"<br>(1,930)  |
| Wheel base  |                              | ft-in<br>(mm)                        | 9'10 <sup>1</sup> / <sub>8</sub> "<br>(3,000)   | 9'10 <sup>1</sup> / <sub>8</sub> "<br>(3,000)   | 9'10 <sup>1</sup> / <sub>8</sub> "<br>(3,000)  | 9'10 <sup>1</sup> / <sub>8</sub> "<br>(3,000)   | 9'10 <sup>1</sup> / <sub>8</sub> "<br>(3,000)   | 9'10 <sup>1</sup> / <sub>8</sub> "<br>(3,000)  |
| Clearance Circle (bucket carry position)  | at outside of bucket         | ft-in<br>(mm)                        | 38'8 <sup>5</sup> / <sub>8</sub> "<br>(11,800)  | 38'9 <sup>3</sup> / <sub>4</sub> "<br>(11,830)  | 39'11 <sup>1</sup> / <sub>8</sub> "<br>(12,170)  | 39'1 <sup>1</sup> / <sub>2</sub> "<br>(11,900)  | 39'2 <sup>7</sup> / <sub>8</sub> "<br>(11,960)  | 40'4 <sup>5</sup> / <sub>8</sub> "<br>(12,310)   |
|   | at outside tire              | ft-in<br>(mm)                        | 33'4 <sup>3</sup> / <sub>8</sub> "<br>(10,170)  | 33'4 <sup>3</sup> / <sub>8</sub> "<br>(10,170)  | 33'4 <sup>3</sup> / <sub>8</sub> "<br>(10,170)   | 33'4 <sup>3</sup> / <sub>8</sub> "<br>(10,170)  | 33'4 <sup>3</sup> / <sub>8</sub> "<br>(10,175)  | 33'4 <sup>3</sup> / <sub>8</sub> "<br>(10,170)   |
| Minimum ground clearance  |                              | ft-in<br>(mm)                        | 1'5"<br>(430)   | 1'5"<br>(430)   | 1'5"<br>(430)  | 1'5"<br>(430)   | 1'5"<br>(430)   | 1'5"<br>(430)  |
| Full articulation angle   |                              | degree                               | 40°   | 40°   | 40°  | 40°   | 40°   | 40°  |
| Operating weight (with ROPS Cab)  |                              | lb<br>(kg)                           | 24,380<br>(11,060)  | 24,540<br>(11,130)  | 25,070<br>(11,370)   | 26,410<br>(11,980)  | 26,540<br>(12,040)  | 26,920<br>(12,210)   |
| Static Tipping Load (with ROPS cab)   | Straight                     | lb<br>(kg)                           | 20,070<br>(9,105)   | 19,970<br>(9,060)   | 15,810<br>(7,170)  | 22,550<br>(10,230)  | 22,200<br>(10,070)  | 17,860<br>(8,100)  |
|   | Full turn                    | lb<br>(kg)                           | 17,420<br>(7,900)   | 17,310<br>(7,850)   | 13,650<br>(6,190)  | 19,580<br>(8,880)   | 19,250<br>(8,730)   | 15,410<br>(6,990)  |

The weight and load figure includes optional counterweight, enclosed ROPS Cab, air conditioner, 20.5-25-12PR (L-2) tires, full fuel tank and operator.

The weight and load figure includes optional counterweight, enclosed ROPS Cab, air conditioner, 20.5-25-12PR (L-2) tires, full fuel tank and operator.

Materials and specifications are subject to change without notice and without obligation on the part of the manufacturer. The specifications supplied, while believed to be completely reliable, are not to be taken as warranty for which we assume legal responsibility.



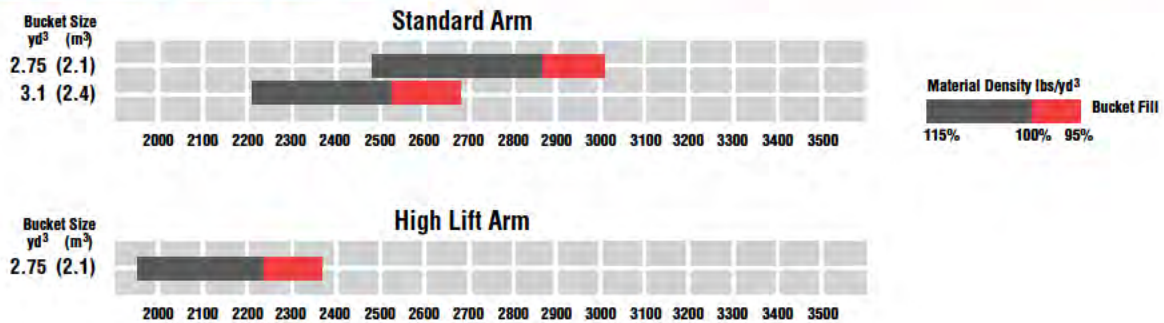
**OPTIONAL EQUIPMENT SPECIFICATIONS**

# 62Z7 / 67Z7

## 62Z7 WEIGHTS AND DIMENSIONS

|                           | lb<br>(kg) | Operating Weight | Tipping Load   |                | in<br>(mm) | Overall Width<br>(Outside Tire) | Overall Height | Overall Length |
|---------------------------|------------|------------------|----------------|----------------|------------|---------------------------------|----------------|----------------|
|                           |            |                  | Straight       | Full Turn      |            |                                 |                |                |
| Tires: 20.5-25-12PR (L-3) | lb<br>(kg) | 0<br>(0)         | 0<br>(0)       | 0<br>(0)       | in<br>(mm) |                                 |                |                |
| 20.5R25 (L-2)             | lb<br>(kg) | +400<br>(+180)   | +290<br>(+130) | +265<br>(+120) | in<br>(mm) |                                 |                |                |
| Belly Guard (rear frame)  | lb<br>(kg) | +150<br>(+70)    | +110<br>(+50)  | +90<br>(+40)   | in<br>(mm) |                                 |                |                |

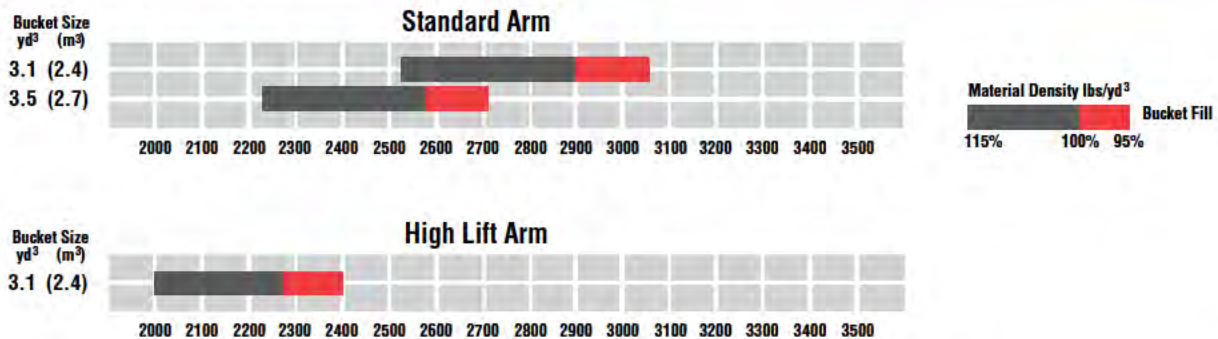
## 62Z7 BUCKET SELECTION CHART



## 67Z7 WEIGHTS AND DIMENSIONS

|                           | lb<br>(kg) | Operating Weight | Tipping Load   |                | in<br>(mm) | Overall Width<br>(Outside Tire) | Overall Height | Overall Length |
|---------------------------|------------|------------------|----------------|----------------|------------|---------------------------------|----------------|----------------|
|                           |            |                  | Straight       | Full Turn      |            |                                 |                |                |
| Tires: 20.5-25-12PR (L-3) | lb<br>(kg) | 0<br>(0)         | 0<br>(0)       | 0<br>(0)       | in<br>(mm) |                                 |                |                |
| 20.5R25 (L-2)             | lb<br>(kg) | +400<br>(+180)   | +290<br>(+130) | +265<br>(+120) | in<br>(mm) |                                 |                |                |
| Belly Guard (rear frame)  | lb<br>(kg) | +150<br>(+70)    | +110<br>(+50)  | +90<br>(+40)   | in<br>(mm) |                                 |                |                |

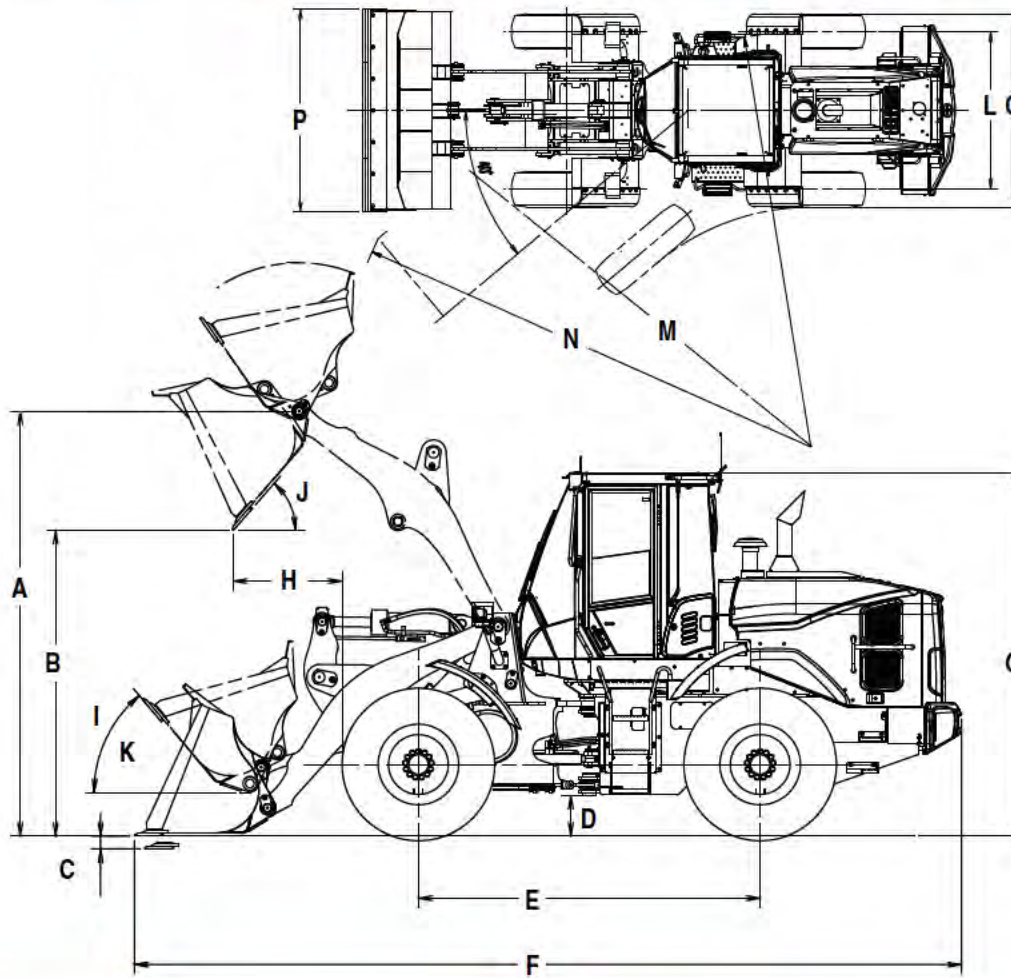
## 67Z7 BUCKET SELECTION CHART





# OPERATING SPECIFICATIONS

# 62Z7 / 67Z7



## 62Z7 DIMENSIONS

|   |  |                                      |          |
|---|--|--------------------------------------|----------|
| A | Hinge-Pin Height – Standard  | 12' 5 <sup>3</sup> / <sub>4</sub> "  | 3,805 mm |
|   | Hinge-Pin Height – High-Lift   | 13' 8"                               | 4,165 mm |
| B | Dumping Clearance  | 9' 2 <sup>5</sup> / <sub>8</sub> "   | 2,810 mm |
|   | Dumping Clearance – High Lift  | 10' 6 <sup>5</sup> / <sub>8</sub> "  | 3,215 mm |
| C | Digging Depth  | 1' <sup>1</sup> / <sub>8</sub> "     | 30 mm    |
| D | Ground Clearance With 20.5-25<br>(See Tire Option Chart for Other Tires) | 1' 5"                                | 430 mm   |
| E | Wheelbase  | 9' 10' <sup>1</sup> / <sub>8</sub> " | 3,000 mm |
| F | Overall Length   | 23' 4 <sup>7</sup> / <sub>8</sub> "  | 7,135 mm |
| G | Height to Top of Cab/ROPS  | 10' 8' <sup>1</sup> / <sub>2</sub> " | 3,265 mm |
| H | Dumping Reach – Standard   | 2' 9"                                | 840 mm   |
| I | Tilt-Back @ Carry  | 50°                                  | 50°      |
| J | Dump Angle @ Maximum Lift  | 45°                                  | 45°      |
| K | Tilt-Back @ Ground   | 42°                                  | 43°      |
| L | Tread  | 6' 4"                                | 1,930 mm |

**Clearance Circle**—All dimensions are approximate and based on 20.5-25 (L-2) tires.

|   |                                       |                                      |           |
|---|---------------------------------------|--------------------------------------|-----------|
| M | Clearance Circle to Outside of Tires  | 35' 1' <sup>1</sup> / <sub>2</sub> " | 10,710 mm |
| N | Clearance Circle to Outside of Bucket | 38' 8' <sup>5</sup> / <sub>8</sub> " | 11,800 mm |
| O | Width Over Tires                      | 8' 1"                                | 2,465 mm  |
| P | Width to Outside Bucket               | 8' 4' <sup>3</sup> / <sub>4</sub> "  | 2,560 mm  |

## 67Z7 DIMENSIONS

|   |  |                                      |          |
|---|--|--------------------------------------|----------|
| A | Hinge-Pin Height – Standard  | 12' 7"                               | 3,835 mm |
|   | Hinge-Pin Height – High-Lift   | 13' 9' <sup>3</sup> / <sub>8</sub> " | 4,200 mm |
| B | Dumping Clearance  | 9' 2' <sup>1</sup> / <sub>4</sub> "  | 2,800 mm |
|   | Dumping Clearance – High Lift  | 10' 6' <sup>1</sup> / <sub>8</sub> " | 3,205 mm |
| C | Digging Depth  | 3' <sup>3</sup> / <sub>4</sub> "     | 95 mm    |
| D | Ground Clearance With 20.5-25<br>(See Tire Option Chart for Other Tires) | 1' 5"                                | 430 mm   |
| E | Wheelbase  | 9' 10' <sup>1</sup> / <sub>8</sub> " | 3,000 mm |
| F | Overall Length   | 24' 4' <sup>1</sup> / <sub>2</sub> " | 7,430 mm |
| G | Height to Top of Cab/ROPS  | 10' 8' <sup>1</sup> / <sub>2</sub> " | 3,265 mm |
| H | Dumping Reach – Standard   | 3' 1' <sup>5</sup> / <sub>8</sub> "  | 955 mm   |
| I | Tilt-Back @ Carry  | 50°                                  | 50°      |
| J | Dump Angle @ Maximum Lift  | 45°                                  | 45°      |
| K | Tilt-Back @ Ground   | 43°                                  | 43°      |
| L | Tread  | 6' 4"                                | 1,930 mm |

**Clearance Circle**—All dimensions are approximate and based on 20.5-25 (L-2) tires.

|   |                                       |                                      |           |
|---|---------------------------------------|--------------------------------------|-----------|
| M | Clearance Circle to Outside of Tires  | 35' 1' <sup>1</sup> / <sub>2</sub> " | 10,710 mm |
| N | Clearance Circle to Outside of Bucket | 39' 1' <sup>1</sup> / <sub>2</sub> " | 11,900 mm |
| O | Width Over Tires                      | 8' 1"                                | 2,465 mm  |
| P | Width to Outside Bucket               | 8' 4' <sup>3</sup> / <sub>4</sub> "  | 2,560 mm  |



# OPERATING SPECIFICATIONS

# 62Z7 / 67Z7

| ENGINE (EPA Tier 4 Interim/EU Stage IIIB certified) |  |      |
|---|--|------|
|   | 62Z7   | 67Z7 |
| Gross Power (SAE J1995)                             | 154 HP/2,200 RPM (115 kW/2200RPM)  |      |
| Net Power (SAE J1349) ISO 9249                      | 152 HP/2,200 RPM (113 kW/2200RPM)  |      |
| Make/Model  | ISUZU 4HK1 diesel engine   |      |
| Type  | 4-cycle, water-cooled, direct injection with turbocharger and air cooled intercooler |      |
| Fuel Type   | #2 Diesel (Requires ultra-low sulfur fuel.)  |      |
| Fuel Injection Pump                                 | Electronically controlled, common rail type  |      |
| Governor  | All speed electrical type  |      |
| Cooling Module Type                                 | Hydraulic-driven, pusher-type fan, pressurized radiator                              |      |
| Number of cylinders                                 | 4  |      |
| Bore and stroke                                     | 4.53" x 4.92" (115mm x 125mm)  |      |
| Total displacement                                  | 317 in <sup>3</sup> (5.193 liters)   |      |
| Alternator  | AC24V - 1.2 kW (50 amp)  |      |
| Air Cleaner   | Dry type (double element)  |      |
| Starter Motor                                       | DC 24V - 5.0 kW (6.7 HP)   |      |
| Battery   | 12V - 80AH (662 CCA), 2 units  |      |

| TRANSMISSION    |   |      |
|-----------------|---|------|
|                 | 62Z7  | 67Z7 |
| Type            | Electrically controlled 2 motor hydrostatic transmission with summation gear box                                  |      |
| Pump            | Variable-displacement, load-sensing, bi-directional, axial-piston type  |      |
| Motors          | 2-Variable-displacement, bent-axis, axial-piston type   |      |
| Cooling method  | Forced circulation type   |      |
| Speeds: Forward | 1st: 4.3 MPH (7.0 km/hr)<br>2nd: 8.0 MPH (13.0 km/hr)<br>3rd: 12.4 MPH (20.0 km/hr)<br>4th: 24.2 MPH (39.0 km/hr) |      |
| Speeds: Reverse | 1st: 4.3 MPH (7.0 km/hr)<br>2nd: 8.0 MPH (13.0 km/hr)<br>3rd: 12.4 MPH (20.0 km/hr)<br>4th: 24.2 MPH (39.0 km/hr) |      |

| SYSTEMS REFILL CAPACITY                     |                  |      |
|---|------------------|------|
|   | 62Z7             | 67Z7 |
| LOCATION                                    | GALLONS (LITERS) |      |
| Fuel tank (diesel fuel)                     | 54 (205)         |      |
| Engine lubricant (including oil pan)        | 4.8 (18)         |      |
| Engine coolant                              | 6.3 (24)         |      |
| T/M gear box                                | 2.6 (10)         |      |
| Axle (front/rear)                           | 6.6/6.6 (25/25)  |      |
| Hydraulic oil tank                          | 21.1 (80)        |      |
| Hydraulic system (including hydraulic tank) | 39.6 (150)       |      |

| HYDRAULIC AND STEERING SYSTEM |  |   |
|-------------------------------|--|---|
|                               | 62Z7   | 67Z7  |
| Steering type                 | Articulated frame steering   |   |
| Steering mechanism            | Hydraulic power steering unit, direct operated type                    |   |
| Lift (boom) cylinder          | Two (2) double-acting piston type: 4.921" x 24.409" (125mm x 620mm)    | Two (2) double-acting piston type: 4.921" x 29.921" (125mm x 760mm) |
| Tilt (bucket) cylinder        | One (1) double-acting piston type: 5.905" x 17.519" (150mm x 445mm)    | One (1) double-acting piston type: 5.905" x 19.291" (150mm x 490mm) |
| Steering cylinder             | Two (2) double-acting piston type: 2.559" x 16.496" (65mm x 419mm)     |   |
| Main oil pump                 | Gear type: 50.0 GPM/2988 PSI @ 2200 RPM (189.2 LPM/20.6MPa @ 2200 RPM) |   |
| Pilot oil pump                | Gear type: 11.6 GPM/2248 PSI @ 2200 RPM (44.0 LPM/15.5 MPa @ 2200 RPM) |   |
| Relief valve set pressure     | Loading  | 2,988 psi, 20.6 MPa (210 kg/cm <sup>2</sup> )                       |
|                               | Steering   | 2,843 psi, 19.6 MPa (200 kg/cm <sup>2</sup> )                       |

| HYDRAULIC CYCLE TIME*                   |           |           |
|---|-----------|-----------|
| front end loading, Z bar linkage system |           |           |
|   | 62Z7      | 67Z7      |
| Lifting time (at full load)             | 5.5 sec.  | 6.7 sec.  |
| Lowering time (empty)                   | 3.5 sec.  | 4.5 sec.  |
| Bucket dumping time                     | 1.1 sec.  | 1.4 sec.  |
| TOTAL                                   | 10.1 sec. | 12.6 sec. |

\* Measured in accordance with SAE J732C

| AXLE SYSTEM                     |   |      |
|---------------------------------|---|------|
|                                 | 62Z7  | 67Z7 |
| Drive system                    | 4-wheel drive   |      |
| Front and rear axle             | Semi-floating type                                      |      |
| Reduction and differential gear | Spiral bevel gear, limited slip, single stage reduction |      |
| Final reduction gear            | Inboard mounted, internal planetary gear                |      |
| Oscillation angle               | ±10°  |      |

| TIRES |                          |                     |
|-------|--------------------------|---------------------|
|       | 62Z7                     | 67Z7                |
|       | 20.5-25-12PR (L-2)       |                     |
|       | 20.5R25 (L-3)            |                     |
|       | 17.5-25-12PR (L-2) (L-3) | 20.5R25 (L-2) (L-3) |

| BRAKE SYSTEM            |  |      |
|-------------------------|--|------|
|                         | 62Z7   | 67Z7 |
| Service brakes          | 4-wheel, wet multiple disc brake. Controlled by full hydraulic system. Dual circuit. |      |
| Parking/Emergency brake | Spring-applied, oil pressure-released. Located on driveline.                         |      |



## STANDARD EQUIPMENT

## Engine

Air cleaner, double element  
 Auto idle shut down  
 Cold start (glow plug)  
 Cooling fan, automatic reversible  
 Diesel particulate filter (exhaust filter)  
 EGR system

Fuel filter (Main), w/water separator  
 Fuel Pre-Filter, w/water separator  
 Isuzu 4HK1 diesel engine  
 VGT (Variable Geometry Turbocharger)  
 Work mode selector

## Powertrain

Brakes, service  
 Enclosed wet disc  
 Dual system  
 Inboard mounted  
 Brake, parking  
 Spring applied  
 Oil pressure released  
 Wet disc type  
 Differential, limited slip (F/R)

Drive shafts, low maintenance  
 F-R direction selector (2-column mounted/HYD-control lever mounted)  
 Hydrostatic transmission  
 Inching pedal  
 Maximum speed adjuster for 1st speed  
 Tires, 20.5-25-12PR (L2)  
 Traction control  
 Universal joints, sealed

## Hydraulic System

Boom Kick-Out, Dual (Operator adjustable in cab)  
 Bucket positioner  
 Control lever, single, pilot-assisted  
 Control lever lock (electric)

Control valve, 2-spool, parallel control  
 Pump, gear, fixed displacement  
 Steering, orbitrol

## Electrical

24-volt electrical system  
 Back-up alarm  
 Batteries (2), 12V, 622 CCA  
 Battery disconnect switch  
 Converter, 12V/15 Amp  
 Horn, dual electric

Instrument panel, LCD, monochrome  
 Lights:  
 2 Headlights (halogen)  
 2 Forward working lights (halogen)  
 4 Rear working lights (halogen)  
 2 Stop/tail/backup (LED)  
 Turn signal w/4-way flashers/marker

## Cab

ROPS cab: Enclosed cab with sound suppression, front & rear wipers and washers, two rear view and side mirrors, tinted glass, full view latch-back doors, sliding side windows.  
 Accessory outlet, 12V,  
 Adjustable armrest/console, (fore/aft sliding)  
 Air conditioner/heater/pressurizer  
 AM/FM/WB radio with AUX input  
 Ashtray  
 Cab dome lamps (2)  
 Cigarette lighter

Coat hook  
 Cooler box storage area  
 Cup holder (2)  
 Floormat  
 Retractable seat belt (3 inch)  
 ROPS/FOPS certified  
 Seat, air suspension, fabric  
 Steering column, telescoping and tilting w/quick-release pedal  
 Storage box (heated/cooled)  
 Sun visor

## Alarms, Gauges and Indicators

Alarms (visual & audible)  
 Brake oil low pressure  
 Engine oil low pressure  
 Hydraulic oil level  
 Overheat (engine coolant)  
 Steering oil low pressure

Gauges  
 Engine coolant temperature  
 Fuel gauge  
 HST oil temperature

Indicators  
 Air cleaner element  
 Air conditioner display  
 Battery discharge warning  
 Cold start  
 Control lever lock  
 Diesel particulate filter status  
 Eco-operating status  
 Emergency steering

Engine warning  
 Fan reverse rotation  
 F-N-R selection  
 F-N-R switch enable  
 Fuel filter (Plugged Filter)  
 Fuel filter (Water in fuel)  
 High beam  
 HST oil temperature  
 HST warming  
 Maintenance  
 Operating mode (Normal, Power)  
 Parking brake  
 Ride control  
 Service  
 Speedometer  
 Time/operating hour/ODO  
 Turn signal w/4-way flashers/marker  
 Work light

## Others

Articulation locking bar  
 Counterweight  
 Drawbar  
 Fenders, front, w/mudflap  
 Fenders, rear, deck-type, w mudflap  
 Ladders, inclined  
 Lifting eyes

Linkage pins, HN bushing  
 Neutral safety start  
 Rear grill, steel  
 Steps, rear  
 Vandalism protection  
 Z-bar loader linkage

## OPTIONAL EQUIPMENT

Belly guard, transmission  
 Bolt-on cutting edge & segments  
 Bucket teeth  
 Camera, rear view

Dual lever hydraulic control  
 Fenders, rear, full, w/mudflap  
 HID work lights  
 High lift boom arm

Hydraulic system, 3 spool valve  
 LED work lights  
 Pre-cleaner (turbine type)  
 Quick coupler & attachments

Quick coupler, full cast  
 Ride control, automatic  
 Seat, heated  
 Secondary steering



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- Engineered Specialty Applications Packages
- Extensive Training at the KCMA Corporation Training Center and at Customer and Dealer Locations
- Flexible Warranty Programs
- Fully Equipped, in-house Rebuild Center
- 24-Hour Parts Shipments
- Carefully Designed Programs and Services

- Solid Partnerships with Knowledgeable, Experienced, Independent Dealers

## HISTORY

KCMA's parent company, Kawasaki Heavy Industries, has been a global leader for more than 100 years at providing comprehensive solutions and quality, top-performing products. From aerospace to infrastructure to construction equipment, Kawasaki Heavy Industries sets the standard—all the while raising the bar.

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**KCMA Corporation**

2140 Barrett Park Drive • Suite 101  
Kennesaw, Georgia 30144  
[www.Kawasakiloaders.com](http://www.Kawasakiloaders.com)

Tel: 770-499-7000  
Fax: 770-421-6842