

# ONE FOCUS. COMPLETE SOLUTIONS



**95Z<sup>v</sup>**

 **Kawasaki**

*Courtesy of Machine.Market*



# A PRODUCTION POWERHOUSE

## 95<sup>Z</sup>

### A COMPLETE SOLUTION

- Emissions-compliant 340 HP Cummins diesel engine
- 7.0 cu. yard bucket provides excellent production for most materials
- Dual Z-linkage arms—heaviest in its class
- Redesigned integrated ROPS/FOPS cab optimizes productivity and visibility
- Overall reduced height due to integrated ROPS provides ease of transportation
- Increased width of cab by 20% for operator comfort
- Transmission redesigned with helical gears, reducing noise level and vibration
- Air Conditioner and heater standard
- Automatic powershift transmission with four forward and three reverse speeds
- Outboard-mounted, four-wheel, dual circuit sealed wet disc brakes for reliability and long service life
- Torque-proportioning differentials extend brake and tire life and improve traction in sand or mud
- Easy access to drains, filters and fittings
- Ride Control provides stable load handling, optional
- K-Lever provides one-hand steering and transmission control, optional

### THE POWER TO PERFORM!

The **95<sup>Z</sup>** loader is a versatile, high productivity wheel loader for applications from quarries to bulk material handling. Featuring a Cummins QSX15 diesel engine producing 340 flywheel horsepower, a 7.0 cu. yard bucket, a certified ROPS cab and a host of other features that provide high operating efficiency, ease of maintenance and safety, the **95<sup>Z</sup>** eats up the work.

### OPERATOR PRODUCTIVITY AND SAFETY

The **95<sup>Z</sup>** features a completely redesigned integrated ROPS cab. The operator's compartment features a wrap-around tinted windshield which removes viewing obstructions and improves the operator's peripheral view. The cab also offers unmatched comfort and is designed to maximize efficiency and productivity. Accessible by ladders on both sides, the cab has been increased in size by 20% for improved safety, visibility and comfort. The **95<sup>Z</sup>** comes standard with a 27,000 BTU air conditioner and an AM/FM cassette radio.



## PUTTING THE **95<sup>2V</sup>** TO WORK

Like all Kawasaki loaders, the **95<sup>2V</sup>** has a 35-year heritage of strength and reliability. With dual pilot-assisted hydraulic controls, automatic powershift transmission and low-effort steering, the **95<sup>2V</sup>** is designed to turn out the work.

Kawasaki's optional K-Lever Steering system increases operator productivity and dramatically reduces fatigue in wheel loader cycling applications. Located on the left armrest, K-Lever provides fast, proportional steering and transmission control with one hand convenience.

The **95<sup>2V</sup>** is available with an 7.0 cubic yard bucket with a bolt-on cutting edge. Simultaneous roll-back and lift operations can be performed with the bucket control lever for smooth, efficient bucket loading. Ride Control, optional, significantly reduces vibration for improved stability while reducing operator fatigue.

The outboard-mounted, four-wheel sealed wet disc brakes are designed for long life and easy access and overhaul. Standard spin-on filters, remote mounted grease fittings and oil drain simplify maintenance. The standard 29.5 x 25-22PR (L3) tires and optional L4 and L5 tires use heavy duty three-piece rims for easy servicing in the field.



*Kawasaki and their dealer organization offer comprehensive support and service programs designed to keep you on the job.*

## UNMATCHED SUPPORT

Kawasaki maintains a large inventory of new components to ensure outstanding parts availability and minimal downtime. In addition, a predictive oil analysis program helps eliminate unnecessary maintenance and helps find problems before they occur. Kawasaki also stocks an array of cost-effective rebuilt components.

## BUILT TO STAY ON THE JOB

Kawasaki loaders are designed with the durability to provide years of service. Backed by a dealer network of heavy equipment experts and a dedicated support staff in the Kawasaki parts and service organization, your investment in a Kawasaki loader is an excellent choice that will pay dividends for years to come.



# POWER AND PERFORMANCE PROVIDE UNMATCHED PRODUCTIVITY



The Kawasaki **95<sup>2V</sup>** means business. It incorporates the best in design and technology, giving your operators the tool they need to get the job done.

Because Kawasaki specializes in the design and manufacture of articulated wheel loaders, you get a machine with a 35-year heritage of successful innovations. The power and productivity that the **95<sup>2V</sup>** brings to the job is a result of that experience.

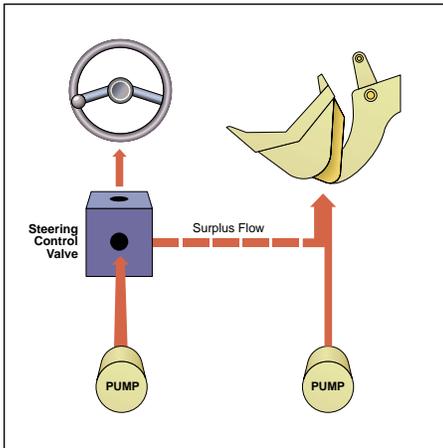
## WORLD-CLASS ENGINES

- 340 HP emissions-compliant Cummins QSX15 diesel
- Complies with tough new tier 2 emissions standards
- Reengineered for longer service life
- High torque and fuel efficient
- Extensive distribution system
- 24 volt battery system for reserve power

## QSX15 FEATURES & BENEFITS

- 15% increase in gross horsepower over ZIV-2 Cummins N14
- Electronic boost control
- Improved response
- Duty cycle monitor
- Sealed control module
- Electronic control module updated to include turbo control
- Improved fuel consumption
- Dual overhead cam
- Engine temperature sensing system accelerates engine warm up in cold weather





## HIGH EFFICIENCY HYDRAULIC SYSTEM

- Dry, reliable
- Cast iron gear pump
- Light-touch steering is maintained, even at low engine speeds. When steering is not required, oil flow control routes full steering pump discharge to supplement the loading circuit.
- Easy access to two-spool control valve
- Large oil reservoir keeps oil cooler



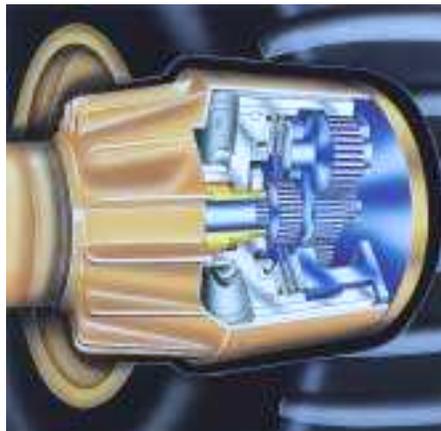
## TRANSMISSION

- Automatic transmission selects optimum speed from second to fourth gear
- Heavy-duty design increases reliability
- Large standard SAE universal joints
- Single lever control
- Switch activates transmission declutch
- Downshift button speeds cycle times and reduces operator fatigue
- Helical gears reduce noise and vibration



## AXLES/BRAKES

- Heavy-duty torque proportioning differential
- 29.5 x 25-22PR (L-3) tires standard
- 29.5 x 25-22PR (L-4, L-5 and radial), 29.5 x 25-24PR (L-3, L-4, L-5) and 26.5-R25 tires available
- 3-piece wheel rims standard
- Outboard-mounted, four-wheel, dual-circuit wet disc brakes
- Auto adjuster maintains brake feel
- High capacity
- Easy maintenance
- Long life



## LIFT ARMS/BUCKETS

- Z-linkage
- High breakout force
- Heaviest in its class
- Optional high lift arms available
- 7.0 cu. yd. bucket standard
- 7.7 cu. yd. bucket available for easy loading
- Excellent load retention
- Full assortment of edges and teeth
- Complete array of attachments available
- Bolt-on heel plates extend bucket life
- Bucket leveler and boom kick-out standard
- All pins of the loading system are fully sealed with grease to provide dependable service with minimum maintenance



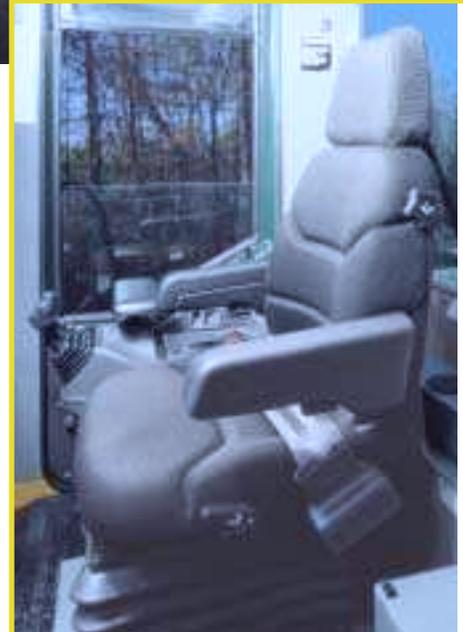
## STRONG, RUGGED BOX FRAME

- Massive center pins and bearings
- High strength loader tower
- Heavy box frame rear chassis

# THE COMFORT ZONE

*Kawasaki has taken a from-the-ground-up approach to create a cab designed with the operator in mind—including a 20% increase in width. The cab focuses on providing the ultimate environment for productivity, comfort and safety. The high visibility, quiet, temperature controlled cab offers the operator ideal surroundings for putting the Kawasaki loader through its paces.*





### **New 95Z Features**

- Integrated ROPS cab
- Flat glass windows for easy replacement
- Cab offers easy entry from either side of cab
- Side windows roll down
- Automotive door locks
- Hallogen headlights improve nighttime visibility
- Reduced noise level
- Cab interior increased 20% in size for operator comfort
- Telescoping and tilting steering wheel
- New flooring configuration reduces sound levels
- Increased storage
- Climate controlled storage box for food & beverage storage

### **Standard Features**

- Air ride seat, standard, with adjustable arms, lumbar support and headrest
- All systems monitored with lights and alarms
- Single twist grip transmission lever redesigned for easy gripping and smoother shifting
- Dual, pilot-assisted hydraulic controls—fingertip control
- Automatic temperature control unit
- Adjustable wrist rest
- One rearview and two side mirrors
- AM/FM cassette radio, standard
- Rear lights added to ROPS cab
- Viscous isolation-mounted to reduce vibration
- Reduced sound levels



***Easy-to-read gauges and adjustable telescopic and tilt-steering with attached instrument panel provide accurate information at a glance.***

- Personal storage space and coat hook
- 27,000 BTU air conditioner and 40,000 BTU heater, standard
- Cold start feature
- Rear light package
- Pressurized air control
- Switch activates transmission declutch
- Front and rear wipers and washers
- Intermittent front wiper
- Heavy duty suspension
- K-Lever steering and transmission control, optional

# EASY ACCESS SIMPLIFIES SERVICING

- Engine side covers open wide for optimum access
- Filters positioned within easy reach
- Easy access to drains, filters and fittings
- Easy access to air condenser for cleaning
- Grease fittings are grouped for easy lubrication
- Readily available Fleetguard and Donaldson filters
- Starters and alternators available through Cummins national distribution network
- 3-piece wheel rims standard for easy field service
- Double pre-cleaner, standard
- Reconfigured cooling system offers easy access to radiator and hydraulic coolers from hinged back grill or side compartments
- Ladders on both sides of the machine
- Pressurized air control reduces dust in cab

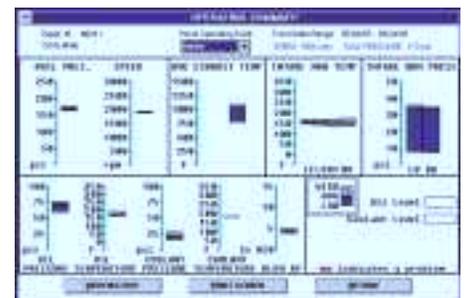


- Trunnion grease fittings located near axle
- Sealed universal joints (only require greasing at 2000 hour intervals)
- Electric system color-coded and numbered for ease of service

- Woven electric wire guards
- Deutsch electric connectors throughout wiring harness

## CUMMINS INSITE

- Engine monitoring system monitors 39 points
- Chart oil temperature, oil pressure, intake and exhaust temperature
- 150 functions to assure accurate troubleshooting



# OPTIONS

## RIDE CONTROL

- Stable load handling
- Reduces operator fatigue
- Cuts vibration and equipment wear
- Improves safety and productivity
- Less spillage
- Faster travel speed



*Illustration representative of similar models.*

## K-LEVER STICK STEERING

- Increases productivity and reduces fatigue
- Electric-over-hydraulic system
- Forward, neutral, reverse and downshift buttons for one-hand steering/transmission control
- Positive, well modulated steering
- Fully adjustable for maximum operator comfort



*Photo representative of similar models.*

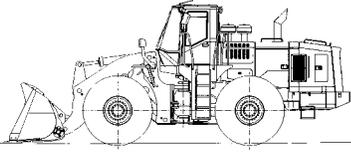
## EMERGENCY STEERING

- Allows the machine to be steered in the event of an unexpected engine shut-off

## K-LINK

- On demand reports provide machine location, hours, operating status
- Alarm notification by phone or pager can indicate equipment failure, low-fuel, geo-fence break
- Worldwide satellite coverage
- Customize reports and alerts
- Internet access to all reports and alerts

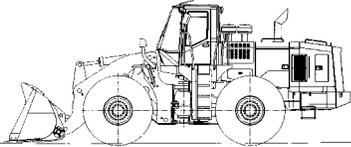
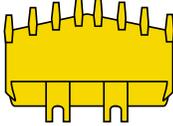
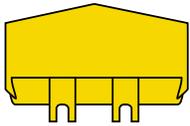
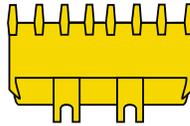
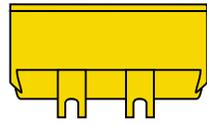
## BUCKET DATA

			Standard Boom						
			General Purpose		Rock Straight		Rock-V-Edge		Light Material
			Straight Edge With Bolt-on Cutting Edge	Straight Edge With Teeth	Straight Edge Without Teeth	Straight Edge With Teeth	Spade Nose Edge Without Teeth	Spade Nose With Teeth	Straight Edge With Bolt-on Cutting Edge
Capacity	Heaped	yd <sup>3</sup> (m <sup>3</sup> )	7.0 (5.4)	6.6 (5.0)	5.5 (4.2)	5.5 (4.2)	5.5 (4.2)	5.5 (4.2)	7.7 (5.9)
	Struck	yd <sup>3</sup> (m <sup>3</sup> )	5.8 (4.4)	5.5 (4.2)	4.7 (3.6)	4.7 (3.6)	4.7 (3.6)	4.7 (3.6)	6.7 (5.1)
Maximum dumping clearance		ft-in (mm)	10'6 <sup>3</sup> / <sub>4</sub> " (3220)	10'2'1/4" (3105)	10'10 <sup>5</sup> / <sub>8</sub> " (3320)	10'2" (3100)	10'4 <sup>5</sup> / <sub>8</sub> " (3165)	9'8 <sup>7</sup> / <sub>8</sub> " (2970)	10'3'1/16" (3125)
Dumping reach (to front of bucket edge or tooth)		ft-in (mm)	4'5 <sup>7</sup> / <sub>8</sub> " (1350)	4'7 <sup>7</sup> / <sub>8</sub> " (1420)	4'3" (1295)	4'8 <sup>1</sup> / <sub>8</sub> " (1425)	4'9 <sup>1</sup> / <sub>8</sub> " (1450)	5'1" (1550)	4'8 <sup>7</sup> / <sub>8</sub> " (1445)
Bucket hinge pin height		ft-in (mm)	14'8 <sup>3</sup> / <sub>8</sub> " (4490)	14'8 <sup>3</sup> / <sub>8</sub> " (4490)	14'8 <sup>3</sup> / <sub>8</sub> " (4490)				
Digging depth		ft-in (mm)	3 <sup>9</sup> / <sub>16</sub> " (90)	4 <sup>5</sup> / <sub>16</sub> " (110)	1 <sup>15</sup> / <sub>16</sub> " (50)	4 <sup>5</sup> / <sub>16</sub> " (110)	1 <sup>15</sup> / <sub>16</sub> " (50)	4 <sup>3</sup> / <sub>4</sub> " (120)	3 <sup>9</sup> / <sub>16</sub> " (90)
Breakout force		lb (kg)	55,125 (25,000)	59,500 (27,000)	59,500 (27,000)	59,500 (27,000)	50,700 (23,000)	50,700 (23,000)	50,100 (22,700)
Bucket tilt-back angle	at ground level		43°	43°	43°	43°	43°	43°	43°
	at carry position		51°	51°	51°	51°	51°	51°	51°
Overall	Length	ft-in (mm)	30'5 <sup>3</sup> / <sub>8</sub> " (9280)	30'10 <sup>7</sup> / <sub>8</sub> " (9420)	30'1 <sup>7</sup> / <sub>16</sub> " (9180)	30'10 <sup>7</sup> / <sub>8</sub> " (9420)	30'10 <sup>1</sup> / <sub>16</sub> " (9400)	31'5 <sup>15</sup> / <sub>16</sub> " (9600)	30'10 <sup>1</sup> / <sub>2</sub> " (9410)
	Height	ft-in (mm)	12'4 <sup>1</sup> / <sub>16</sub> " (3760)	12'4 <sup>1</sup> / <sub>16</sub> " (3760)	12'4 <sup>1</sup> / <sub>16</sub> " (3760)				
	Width (outside tire)	ft-in (mm)	10'6 <sup>3</sup> / <sub>4</sub> " (3220)	10'6 <sup>3</sup> / <sub>4</sub> " (3220)	10'6 <sup>3</sup> / <sub>4</sub> " (3220)				
	Width (outside bucket)	ft-in (mm)	11'3 <sup>7</sup> / <sub>8</sub> " (3450)	11'4 <sup>1</sup> / <sub>2</sub> " (3465)	11'3 <sup>7</sup> / <sub>8</sub> " (3450)	11'4 <sup>1</sup> / <sub>2</sub> " (3465)	11'3 <sup>7</sup> / <sub>8</sub> " (3450)	11'4 <sup>1</sup> / <sub>2</sub> " (3465)	11'3 <sup>7</sup> / <sub>8</sub> " (3450)
Wheel base		ft-in (mm)	11'8 <sup>1</sup> / <sub>8</sub> " (3560)	11'8 <sup>1</sup> / <sub>8</sub> " (3560)	11'8 <sup>1</sup> / <sub>8</sub> " (3560)				
Minimum turning radius	at outside bucket	ft-in (mm)	23'10 <sup>1</sup> / <sub>2</sub> " (7275)	24'1/4" (7320)	23'9 <sup>1</sup> / <sub>16</sub> " (7240)	24'1/4" (7320)	23'9 <sup>1</sup> / <sub>16</sub> " (7240)	24'1/4" (7320)	24'3/8" (7325)
	at center of outside tire	ft-in (mm)	20 <sup>7</sup> / <sub>16</sub> " (6110)	20 <sup>7</sup> / <sub>16</sub> " (6110)	20 <sup>7</sup> / <sub>16</sub> " (6110)				
Minimum ground clearance		ft-in (mm)	1'7 <sup>5</sup> / <sub>8</sub> " (500)	1'7 <sup>5</sup> / <sub>8</sub> " (500)	1'7 <sup>5</sup> / <sub>8</sub> " (500)				
Full articulation angle		degree	40°	40°	40°	40°	40°	40°	40°
Operating weight (with ROPS Cabin)		lb (kg)	66,330 (30,080)	65,950 (29,910)	64,230 (29,130)	64,800 (29,390)	64,520 (29,260)	65,090 (29,520)	66,520 (30,170)
Static Tipping Load (with ROPS Cabin)	Straight	lb (kg)	51,710 (23,450)	52,080 (23,620)	53,690 (24,350)	53,140 (24,100)	53,380 (24,210)	52,830 (23,960)	51,490 (23,350)
	Full turn	lb (kg)	42,470 (19,260)	42,780 (19,400)	44,100 (20,000)	43,640 (19,790)	43,840 (19,980)	43,390 (19,680)	42,270 (19,170)

The weight and load figure includes optional counterweight, Enclosed ROPS Cab. 29.5x25-22PR (L-3) 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.

## BUCKET DATA

			High Lift Boom				
			Rock-V-Edge		Rock-Straight		General Purpose
			With Teeth	Without Teeth	With Teeth	With Bolt-on Cutting Edge	
							
Capacity	Heaped	yd <sup>3</sup> (m <sup>3</sup> )	5.0 (3.8)	5.0 (3.8)	5.0 (3.8)	5.5 (4.2)	
	Struck	yd <sup>3</sup> (m <sup>3</sup> )	4.2 (3.2)	4.2 (3.2)	4.2 (3.2)	4.7 (3.6)	
Maximum dumping clearance		ft-in (mm)	11'4 <sup>1</sup> / <sub>4</sub> " (3460)	11'11 <sup>5</sup> / <sub>8</sub> " (3650)	11'8 <sup>5</sup> / <sub>16</sub> " (3580)	12'2" (3710)	
Dumping reach (to front of bucket edge or tooth)		ft-in (mm)	4'11 <sup>13</sup> / <sub>16</sub> " (1520)	4'7 <sup>7</sup> / <sub>8</sub> " (1420)	4'7 <sup>1</sup> / <sub>8</sub> " (1400)	4'3 <sup>15</sup> / <sub>16</sub> " (1320)	
Bucket hinge pin height		ft-in (mm)	16 <sup>7</sup> / <sub>8</sub> " (4900)	16 <sup>7</sup> / <sub>8</sub> " (4900)	16 <sup>7</sup> / <sub>8</sub> " (4900)	16 <sup>7</sup> / <sub>8</sub> " (4900)	
Digging depth		ft-in (mm)	4 <sup>5</sup> / <sub>16</sub> " (110)	1 <sup>9</sup> / <sub>16</sub> " (40)	4 <sup>5</sup> / <sub>16</sub> " (110)	3 <sup>1</sup> / <sub>8</sub> " (80)	
Breakout force		lb (kg)	63,230 (28,680)	63,230 (28,680)	65,260 (29,600)	60,160 (27,290)	
Bucket tilt-back angle	at ground level		43°	43°	43°	43°	
	at carry position		51°	51°	51°	51°	
Overall	Length	ft-in (mm)	32'6 <sup>3</sup> / <sub>16</sub> " (9910)	31'10 <sup>5</sup> / <sub>16</sub> " (9710)	31'11 <sup>1</sup> / <sub>16</sub> " (9730)	31'5 <sup>3</sup> / <sub>16</sub> " (9580)	
	Height	ft-in (mm)	12'4 <sup>1</sup> / <sub>16</sub> " (3760)	12'4 <sup>1</sup> / <sub>16</sub> " (3760)	12'4 <sup>1</sup> / <sub>16</sub> " (3760)	12'4 <sup>1</sup> / <sub>16</sub> " (3760)	
	Width (outside tire)	ft-in (mm)	10'6 <sup>3</sup> / <sub>4</sub> " (3220)	10'6 <sup>3</sup> / <sub>4</sub> " (3220)	10'6 <sup>3</sup> / <sub>4</sub> " (3220)	10'6 <sup>3</sup> / <sub>4</sub> " (3220)	
	Width (outside bucket)	ft-in (mm)	11'4 <sup>1</sup> / <sub>2</sub> " (3465)	11'3 <sup>7</sup> / <sub>8</sub> " (3450)	11'4 <sup>1</sup> / <sub>2</sub> " (3465)	11'3 <sup>7</sup> / <sub>8</sub> " (3450)	
Wheel base		ft-in (mm)	11'8 <sup>1</sup> / <sub>8</sub> " (3560)	11'8 <sup>1</sup> / <sub>8</sub> " (3560)	11'8 <sup>1</sup> / <sub>8</sub> " (3560)	11'8 <sup>1</sup> / <sub>8</sub> " (3560)	
Minimum turning radius	at outside bucket	ft-in (mm)	24'6 <sup>7</sup> / <sub>8</sub> " (7490)	24'3 <sup>3</sup> / <sub>4</sub> " (7410)	23'3 <sup>3</sup> / <sub>8</sub> " (7020)	24'5 <sup>3</sup> / <sub>8</sub> " (7450)	
	at center of outside tire	ft-in (mm)	20'9 <sup>1</sup> / <sub>16</sub> " (6110)	20'9 <sup>1</sup> / <sub>16</sub> " (6110)	20'9 <sup>1</sup> / <sub>16</sub> " (6110)	20'9 <sup>1</sup> / <sub>16</sub> " (6110)	
Minimum ground clearance		ft-in (mm)	1'7 <sup>5</sup> / <sub>8</sub> " (500)	1'7 <sup>5</sup> / <sub>8</sub> " (500)	1'7 <sup>5</sup> / <sub>8</sub> " (500)	1'7 <sup>5</sup> / <sub>8</sub> " (500)	
Full articulation angle		degree	40°	40°	40°	40°	
Operating weight (with ROPS Cabin)		lb (kg)	66,970 (30,370)	66,460 (30,140)	66,680 (30,240)	66,280 (30,060)	
Static Tipping Load (with ROPS Cabin)	Straight	lb (kg)	43,480 (19,720)	43,970 (19,940)	43,750 (19,840)	44,120 (20,010)	
	Full turn	lb (kg)	35,720 (16,200)	36,120 (16,380)	35,920 (16,290)	36,250 (16,440)	

\*The weight and load figure includes optional counterweight, enclosed ROPS Cab., 29.5x25-22PR (L-3) tires, full fuel tank and operator. Measured in accordance with SAEJ732C & J742

## WEIGHTS AND DIMENSIONS (SUPPLEMENTAL DATA)

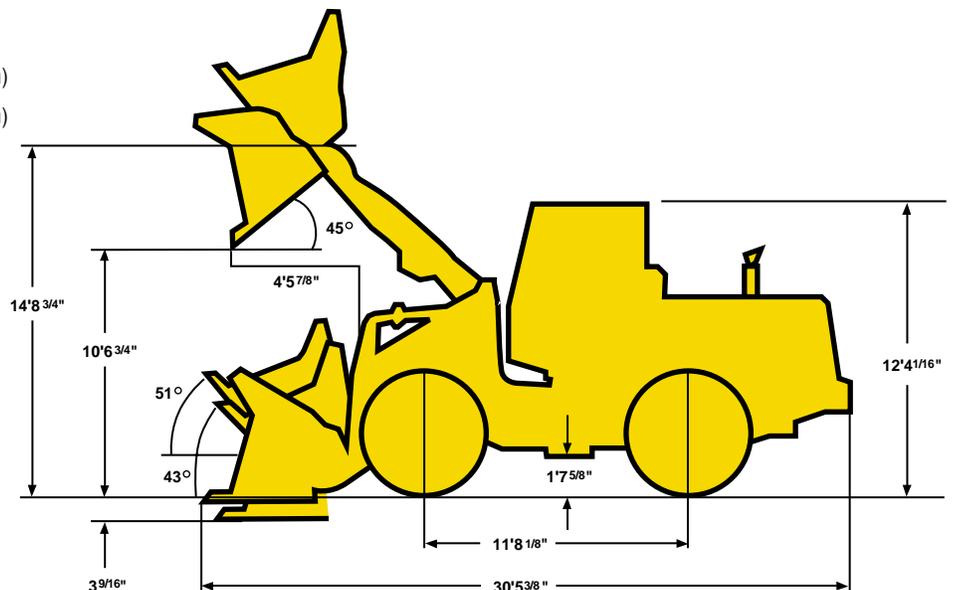
		Operating Weight	Tipping Load			Overall Width (Outside Tire)	Tread	Vertical Dimensions	Overall Length
			Straight	Full Turn					
Remove ROPS Cab (for transport only)	lb (kg)	-1370 (-620)			in (mm)			-1'9 <sup>11</sup> / <sub>16</sub> " (-550)	
Remove Optional Counter Weight	lb (kg)	-900 (-410)	-2250 (-1020)	-1870 (-850)	in (mm)				
Air conditioner — Deletion	lb (kg)	-220 (-100)	-200 (-90)	-200 (-90)	in (mm)				
Belly Guard (Rear Frame)	lb (kg)	+510 (+230)	+860 (+390)	+750 (+340)	in (mm)				
Tires: 26.5-25-24PR (L-3)	lb (kg)	-930 (-420)	-710 (-320)	-620 (-280)	in (mm)	-3 <sup>5</sup> / <sub>8</sub> " (-90)	-2" (-50)	+1 <sup>5</sup> / <sub>8</sub> " (+40)	
26.5-25-24PR (L-4)	lb (kg)	-45 (-20)	-45 (-20)	-22 (-10)	in (mm)	-2 <sup>3</sup> / <sub>8</sub> " (-60)	-7 <sup>7</sup> / <sub>8</sub> " (-20)	+7 <sup>7</sup> / <sub>8</sub> " (+20)	
26.5-25-24PR (L-5)	lb (kg)	+1260 (+570)	+950 (+430)	+840 (+380)	in (mm)	-2 <sup>3</sup> / <sub>8</sub> " (-60)	-3 <sup>3</sup> / <sub>8</sub> " (-10)	+3 <sup>3</sup> / <sub>8</sub> " (+10)	
29.5-25-22PR (L-4)	lb (kg)	+1610 (+730)	+1215 (+550)	+1080 (+490)	in (mm)	+3 <sup>3</sup> / <sub>8</sub> " (+10)	+1 <sup>3</sup> / <sub>8</sub> " (+35)	-1 <sup>1</sup> / <sub>4</sub> " (-30)	
29.5-25-22PR (L-5)	lb (kg)	+2380 (+1080)	+1810 (+820)	+1590 (+720)	in (mm)	+3 <sup>3</sup> / <sub>8</sub> " (+10)	+1 <sup>5</sup> / <sub>8</sub> " (+40)	-1 <sup>5</sup> / <sub>8</sub> " (-40)	
26.5-25-24PR (L-3) (75% CaCl <sub>2</sub> )	lb (kg)	+2160 (+980)	+3990 (+1810)	+3530 (+1600)	in (mm)	-3 <sup>5</sup> / <sub>8</sub> " (-90)	-2" (-50)	+1 <sup>5</sup> / <sub>8</sub> " (+40)	
29.5-25-22PR (L-3) (75% CaCl <sub>2</sub> )	lb (kg)	+4190 (+1900)	+6370 (+2890)	+5620 (+2550)	in (mm)				

Base Tire 29.5-25-22PR (L-3)

Tread ..... 8<sup>3</sup>/<sub>16</sub>" (2440mm)  
 Width (outside tire) ..... 10<sup>6</sup>/<sub>4</sub>" (3220mm)  
 Width (outside bucket) ..... 11<sup>3</sup>/<sub>8</sub>" (3450mm)

Equipped with GSC bucket with bolt on cutting edge

29.5-25-22PR (L-3) Tire and ROPS Cab



# OPERATING SPECIFICATIONS

## ENGINE

Make/Model/Fuel Type	Cummins QSX15 (Tier 2) Diesel
Type	4-cycle, watercooled, inline direct injection type with turbocharged and air cooled intercooler
Net flywheel horsepower	340HP/2100 RPM (255kw/2100RPM)
Maximum torque	1060 ft/lb @ 1400 RPM
Number of cylinders	6
Bore and stroke	5.4" x 6.7" (136.9mm x 170.2mm)
Total displacement	917 in <sup>3</sup> (15,032 cm <sup>3</sup> )
Alternator	AC24V-1800W (75 amp)
Starting motor	24V-9.0kw (12.1HP)
Battery	12V-200AH, 2 units, cold cranking amps
Governor	All-speed, electrical type

## TORQUE CONVERTER AND TRANSMISSION

Torque converter	3 elements, single stage, 1-phase
Torque stall ratio	3.01:1
Main clutches	Wet hydraulic, multi-disc type
Cooling method	Forced circulation type
Transmission	Full powershift, 4 forward, 3 reverse with automatic mode (2nd-4th) with downshift switch for 2nd-1st downshifting. Autobrake protects transmission from overspeeding
Speeds	Forward
	1st: 4.8 MPH (7.7km/hr) 2nd: 8.8 MPH (14.2km/hr) 3rd: 14.2 MPH (22.9 km/hr) 4th: 21.1 MPH (34.0 km/hr)
Speeds	Reverse
	1st: 5.1 MPH (8.2 km/hr) 2nd: 9.3 MPH (15.0 km/hr) 3rd: 14.9 MPH (24.0 km/hr)

## SERVICE REFILL CAPACITY

LOCATION	Gallons	Liters
Engine (coolant)	25.4	(96)
Fuel tank (diesel fuel)	112.3	(425)
Engine oil (oil pan)	11.9	(45)
Front axle (gear oil)	26.4	(100)
Rear axle (gear oil)	26.4	(100)
Torque converter and transmission (engine oil)	14.5	(55)
Hydraulic system	70	(265)

## HYDRAULIC AND STEERING SYSTEM

Steering type	Articulated frame steering	
Steering mechanism	Hydraulic power steering unit pilot operated type	
Lift (boom) cylinder	Two (2) double-acting piston type: 7.48" x 37.52" (190mm x 953mm)	
Tilt (bucket) cylinder	Two (2) double-acting piston type: 6.3" x 23.82" (160mm x 605mm)	
Steering cylinder	Two (2) double-acting piston type: 3.54" x 23.62" (90mm x 600mm)	
Steering oil pump	Gear type: 66.1 GPM @ 2100 RPM (250 LPM @ 2100 RPM)	
Main oil pump	Gear type: 53.4 GPM @ 2100 RPM (202 LPM @ 2100 RPM)	
Pilot oil pump	Gear type: 43.3 GPM @ 2100 RPM (164 LPM @ 2100 RPM)	
Relief valve set pressure	Loading	3000 psi (210 kg/cm <sup>2</sup> )
	Steering	3000 psi (210 kg/cm <sup>2</sup> )
HYDRAULIC CYCLE TIME*		
Lifting time (at full load)	6.7 sec.	
Lowering time (empty)	4.0 sec.	
Bucket dumping time	1.5 sec.	
TOTAL	12.2 sec.	

\* Measured in accordance with SAE J732C

## AXLE SYSTEM

Drive system	4-wheel drive	
Front and rear axle	Full floating banjo type	
Tires	Standard	29.5 x 25-22PR (L-3)
	Optional	29.5 x 25-22PR (L-4) (L-5) 26.5 x 25-24PR (L-3) (L-4) (L-5) 26.5-R25
Reduction and differential gear	Spiral bevel/gear, 1 stage reduction torque proportioning	
Final reduction gear	Outboard mounted, internal planetary gear	
Oscillation angle	±12° (total 24°)	

## BRAKE SYSTEM

Service brakes	4 wheel, adjustment-free, wet multiple disc brake, controlled by full hydraulic system. Dual circuit
Parking/Emergency brake	Spring applied oil pressure released type and oil applied accumulator type. Located in front drive line.

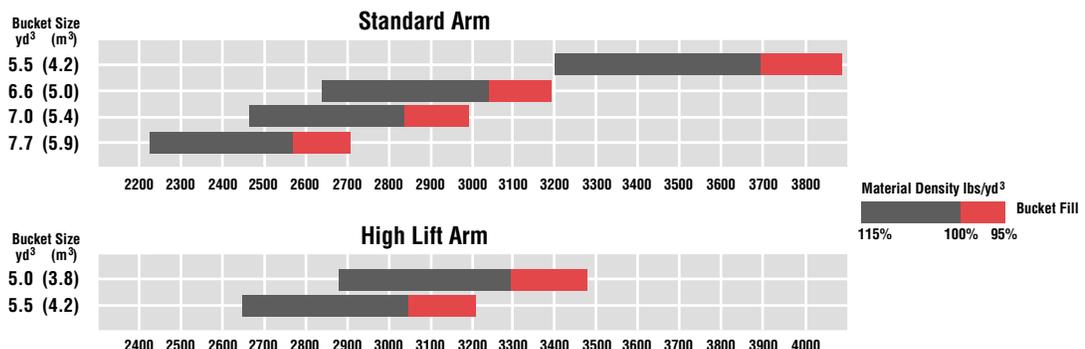
### STANDARD EQUIPMENT

<p>Air Cleaner (2) (Double Element Donaldson with Precleaner)</p> <p>Air Conditioner (27,000 BTU) (R134 Refrigerant)</p> <p>Alarms (Audible): Auto Brake Brake Pressure Engine Oil Pressure</p> <p>Alarms (Visual): Air Filter Auto Brake Battery Discharge Brake Pressure Warning Converter Oil Temperature Engine Oil Pressure Engine Coolant Level Warning Engine Coolant Temperature Parking Brake Transmission Oil Filter Warning</p> <p>Alternator (75 amp) AM/FM Cassette Radio Auto Brake Batteries: 12V-200AH (2 units)</p>	<p>Brake Line Protection (Front)</p> <p>Brake (Parking-Two) Spring applied; Oil released (Drum type) Oil Applied by Accumulator (Disc Type)</p> <p>Brakes (Service) Oil/Oil Actuation Enclosed Wet Disc Dual System</p> <p>Bucket Control Lever (Dual, Pilot Assisted)</p> <p>Bucket Leveler</p> <p>Boom Kickout</p> <p>Coat Hook</p> <p>Cold Start Aid</p> <p>Counterweight (bucket)</p> <p>Cup Holder</p> <p>Downshift Button</p> <p>Drawbar</p> <p>Electrical System (24 volt)</p> <p>Fan (Blower)</p> <p>Fenders (Front and Rear)</p>	<p>Gauges: Converter Oil Temperature Engine Coolant Temperature Fuel Level Hour Meter Hydraulic Oil Level Tachometer</p> <p>Heater/Pressurizer (40,000 BTU)</p> <p>Horn (Electric)</p> <p>Indicators: High Beam Parking Brake Transmission Declutch Transmission Shift Monitor Working Light</p> <p>Linkage (Dual Z-type, Sealed)</p> <p>Lights: 2 Headlights (Halogen) Working Lights 4 Front 4 Rear 2 Stop/Tail 2 Backup</p> <p>Muffler</p> <p>Neutral Safety Start</p>	<p>Operator's Manual Box</p> <p>Radiator: Heavy Duty Plate Fin Type</p> <p>Radiator Grille, Hinged</p> <p>Reverse Alarm</p> <p>ROPS Cab: Enclosed cab with sound suppression, front lights, front and rear wipers and washers, one rear view and two side mirrors, tinted glass, roll up side windows, and rear lights</p> <p>Safety Articulation Locking Bar</p> <p>Seat, Air Ride</p> <p>Seat Belt, Retractable, 3" wide</p> <p>Shift Control Unit for Automatic Shift</p> <p>Telescopic and Tilt Steering Wheel</p> <p>Torque Proportioning Differentials</p> <p>Transmission Declutch Selector Switch</p> <p>Vandalism Protection</p> <p>Wrist Rest, Adjustable</p>
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### OPTIONAL EQUIPMENT

<p>Belly Guard, Hinged</p> <p>Bolt-On Cutting Edge Segments</p> <p>Bucket Teeth</p> <p>Converter, 12v</p>	<p>Counterweight, Bucket</p> <p>Cushion Dump Valve</p> <p>Emergency Steering</p> <p>High Lift Arm</p>	<p>Hydraulic System, 3-Spool Valve</p> <p>K-Lever Steering</p> <p>K-LINK</p> <p>Quick Coupler</p>	<p>Radiator Core, 7 Fin</p> <p>Ride Control</p> <p>Turn Signal With Four-Way Flasher</p>
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### BUCKET SELECTION CHARTS





# KAWASAKI LOADERS

*More Than A Machine, A Complete Solution*

Kawasaki Construction Machinery Corp. of America, a division of Kawasaki Heavy Industries, is a leading supplier of a full range of high quality wheel loaders. In fact, Kawasaki is the oldest on-going manufacturer of articulated, rubber-tired wheel loaders in the world. With over 35 years of proven performance history, Kawasaki wheel loaders have continuously evolved to bring you the best in equipment and support services, backed by a carefully selected dealer network.

Kawasaki articulated wheel loaders incorporate innovative design features coupled with extensive knowledge and experience gained from real-world applications. Kawasaki pioneered Z-Link design to provide unmatched utility, high breakout force and efficiency in its machines. Powered by proven emissions-compliant Cummins diesel engines, durability and serviceability are designed into every Kawasaki loader.

Kawasaki loaders are assembled at the company's modern facilities in Newnan, GA. Service and support operations are headquartered in Kennesaw, GA.

A state-of-the-art parts distribution system links dealers with the main parts warehouse, allowing them to order parts directly. Qualified craftsmen rebuild components for all Kawasaki models at our fully-equipped rebuild center, making component exchange easier and



faster. An independent oil analysis program allows monitoring of critical systems to reduce unscheduled downtime.

The independent dealers that represent and support Kawasaki loaders are

experts in their markets and are dedicated to providing you with the best service available. Together, we are committed to making your investment in a Kawasaki loader a sound business decision that will pay dividends for years to come.



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