


# 95Z7 XTREME

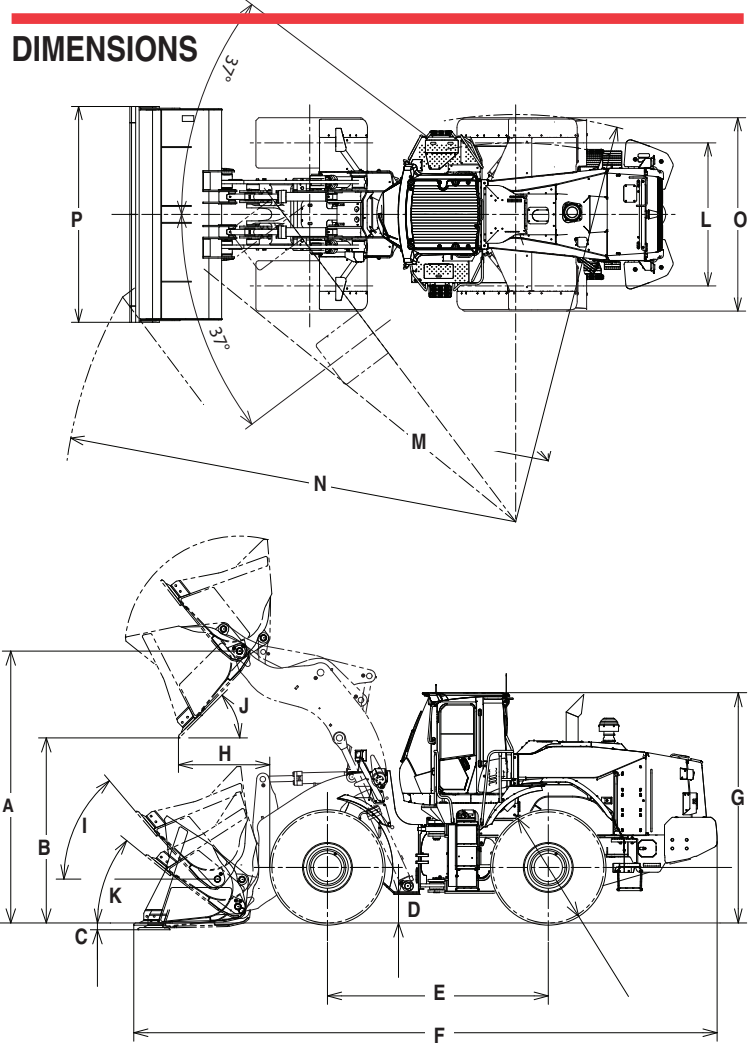


**Kawasaki**  
KCM

# BUCKET & DIMENSION DATA



			General Purpose	
			Straight Edge With Bolt-on Cutting Edge	
Capacity	Heaped	yd <sup>3</sup> (m <sup>3</sup> )	9.0 (6.9)	9.8 (7.5)
	Struck	yd <sup>3</sup> (m <sup>3</sup> )	7.7 (5.9)	8.0 (6.1)
Maximum dumping clearance		ft-in (mm)	9'8 <sup>3</sup> / <sub>4</sub> " (3,015)	9'8 <sup>3</sup> / <sub>4</sub> " (3,015)
Dumping reach (to front of bucket edge or tooth)		ft-in (mm)	4'10 <sup>5</sup> / <sub>8</sub> " (1,490)	4'10 <sup>5</sup> / <sub>8</sub> " (1,490)
Max. hinge pin height		ft-in (mm)	14'6 <sup>3</sup> / <sub>8</sub> " (4,430)	14'6 <sup>3</sup> / <sub>8</sub> " (4,430)
Digging depth (with bucket level)		ft-in (mm)	4 <sup>3</sup> / <sub>8</sub> " (110)	4 <sup>3</sup> / <sub>8</sub> " (110)
Breakout force		lb (kN)	68,120 (303)	68,120 (303)
Bucket tilt-back angle	at ground level	degree	39°	39°
	at carry position	degree	50°	50°
Overall	Length	ft-in (mm)	31'2 <sup>3</sup> / <sub>8</sub> " (9,510)	31'2 <sup>3</sup> / <sub>8</sub> " (9,510)
	Height (to top of Cab/ROPS)	ft-in (mm)	12'3 <sup>7</sup> / <sub>8</sub> " (3,755)	12'3 <sup>7</sup> / <sub>8</sub> " (3,755)
	Height (bucket fully raised)	ft-in (mm)	20'8 <sup>1</sup> / <sub>4</sub> " (6,305)	21' (6,400)
	Width (outside tire)	ft-in (mm)	11'1" (3,380)	11'1" (3,380)
	Width (outside bucket)	ft-in (mm)	12'4 <sup>3</sup> / <sub>8</sub> " (3,770)	12'4 <sup>3</sup> / <sub>8</sub> " (3,770)
Tread		ft-in (mm)	8'2 <sup>3</sup> / <sub>8</sub> " (2,500)	8'2 <sup>3</sup> / <sub>8</sub> " (2,500)
Wheel base		ft-in (mm)	11'9 <sup>3</sup> / <sub>4</sub> " (3,600)	11'9 <sup>3</sup> / <sub>4</sub> " (3,600)
Clearance Circle (bucket carry position)	at outside of bucket	ft-in (mm)	51'11 <sup>1</sup> / <sub>4</sub> " (15,830)	51'11 <sup>1</sup> / <sub>4</sub> " (15,830)
	at outside tire	ft-in (mm)	46'8 <sup>5</sup> / <sub>8</sub> " (14,240)	46'8 <sup>5</sup> / <sub>8</sub> " (14,240)
Minimum ground clearance		ft-in (mm)	1'6 <sup>1</sup> / <sub>4</sub> " (465)	1'6 <sup>1</sup> / <sub>4</sub> " (465)
Full articulation angle		degree	37°	37°
Operating weight (with ROPS Cab)		lb (kg)	79,060 (35,860)	79,870 (36,230)
Static Tipping Load (with ROPS cab)	Straight	lb (kg)	60,430 (27,410)	59,880 (27,160)
	Full turn	lb (kg)	52,650 (23,880)	52,160 (23,660)



A	Hinge-Pin Height	14'6 <sup>3</sup> / <sub>8</sub> "	4,430 mm
B	Dumping Clearance	9'8 <sup>3</sup> / <sub>4</sub> "	3,015 mm
C	Digging Depth	4 <sup>3</sup> / <sub>8</sub> "	110 mm
D	Ground Clearance With 875/65/R29 (See Tire Option Chart for Other Tires)	1'6 <sup>1</sup> / <sub>4</sub> "	465 mm
E	Wheelbase	11'9 <sup>3</sup> / <sub>4</sub> "	3,600 mm
F	Overall Length	31'2 <sup>3</sup> / <sub>8</sub> "	9,510 mm
G	Height to Top of Cab/ROPS	12'3 <sup>7</sup> / <sub>8</sub> "	3,755 mm
H	Dumping Reach	4'10 <sup>5</sup> / <sub>8</sub> "	1,490 mm
I	Tilt-Back @ Carry	50°	50°
J	Dump Angle @ Maximum Lift	45°	45°
K	Tilt-Back @ Ground	39°	39°
L	Tread	8'2 <sup>3</sup> / <sub>8</sub> "	2,500 mm

The weight and load figure includes optional counterweight, enclosed ROPS Cab, air conditioner, 875/65/R29 (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.

**Clearance Circle**— All dimensions are approximate and based on 875/65/R29 tires.

M	Clearance Circle to Outside of Tires	46'8 <sup>5</sup> / <sub>8</sub> "	14,240 mm
N	Clearance Circle to Outside of Bucket	51'11 <sup>1</sup> / <sub>4</sub> "	15,830 mm
O	Width Over Tires	11'1"	3,380 mm
P	Width to Outside Bucket	12'4 <sup>3</sup> / <sub>8</sub> "	3,770 mm

## WEIGHTS AND DIMENSIONS

		Operating Weight	Tipping Load		Overall Width (Outside Tire)	Overall Height	Overall Length
			Straight	Full Turn			
Remove ROPS Cab (for transport only)	lb (kg)	-1,430 (-700)	-1,430 (-650)	-1,230 (-560)	in (mm)		
Belly Guard (rear frame)	lb (kg)	+200 (+90)	+220 (+100)	+180 (+80)	in (mm)		

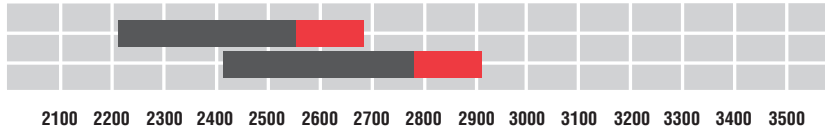
## BUCKET SELECTION CHART

Bucket Size  
yd<sup>3</sup> (m<sup>3</sup>)

9.8 (7.5)

9.0 (6.9)

### 9527 XTreme Arm



Material Density lbs/yd<sup>3</sup>

115% 100% 95% Bucket Fill



# OPERATING SPECIFICATIONS



ENGINE (EPA Tier 4 Interim/EU Stage IIIB certified)	
Gross Power (SAE J1995)	389 HP/1800 RPM (290 kW/1800RPM)
Net Power (SAE J1349) ISO 9249	388 HP/1800 RPM (289 kW/1800RPM)
Make/Model	Isuzu 6WG1 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	Hydraulically operated cooling fan with heat sensing system, pressurized radiator
Number of cylinders	6
Bore and stroke	5.787" x 6.063" (147mm x 154mm)
Total displacement	957 in <sup>3</sup> (15.68 liters)
Alternator	AC24V – 2.64kW (110 amp)
Air Cleaner	Dry type (double element)
Starter Motor	DC 24V 7.0 kW (9.4 HP)
Battery	12V – 200AH (1,300 CCA), 2 units

TORQUE CONVERTER AND TRANSMISSION	
Torque converter	3 elements, single stage, 1-phase w/lock-up clutch
Transmission	Planetary gear type, Full power shift. Autobrake protects transmission from overspeeding.
Speeds: Forward	1st: 3.8 MPH (6.1 km/hr) 2nd: 7.6 MPH (12.3 km/hr)* 3rd: 13.5 MPH (21.7 km/hr)* 4th: 23.6 MPH (38.0 km/hr)*
Speeds: Reverse	1st: 4.1 MPH (6.6 km/hr) 2nd: 7.6 MPH (12.3 km/hr) 3rd: 13.0 MPH (20.9 km/hr)

\* indicates speed in lock-up

SYSTEMS REFILL CAPACITY		
LOCATION	GALLONS	LITERS
Fuel tank (diesel fuel)	115.7	438
Engine lubricant (including oil pan)	13.7	52
Engine coolant	18.0	68
T/M & T/C	18.5	70
Axle (front/rear)	29.0/29.0	110/110
Hydraulic oil tank	47.0	178
Hydraulic system (including hydraulic tank)	77.9	295

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: 6.229" x 40.433" (160mm x 1027mm)	
Tilt (bucket) cylinder	Two (2) double-acting piston type: 5.905" x 23.858" (150mm x 606mm)	
Steering cylinder	Two (2) double-acting piston type: 3.543" x 23.662" (90mm x 600mm)	
Main oil pump	Variable piston type: 89.8 GPM/1000 PSI @ 1800 RPM (340 LPM/6.9MPa @ 1800 RPM)	
Pilot oil pump	Variable piston type: 23.8 GPM/3260 PSI @ 1800 RPM (90 LPM/22.5 MPa @ 1800 RPM)	
Relief valve set pressure	Loading	4554 psi, 31.4 MPa (320 kg/cm <sup>2</sup> )
	Steering	3989 psi, 27.5 MPa (280 kg/cm <sup>2</sup> )
HYDRAULIC CYCLE TIME* front end loading, Z bar linkage system		
Lifting time (at full load)	6.8 sec.	
Lowering time (empty)	4.5 sec.	
Bucket dumping time	1.8 sec.	
TOTAL	13.1 sec.	

\* Measured in accordance with SAE J732C

AXLE SYSTEM	
Drive system	4-wheel drive
Front and rear axle	Full-floating type
Tires	875/65/R29 Base Tire
Reduction and differential gear	Spiral bevel gear, torque proportioning, single stage reduction
Final reduction gear	Outboard mounted, internal planetary gear
Oscillation angle	±9°

BRAKE SYSTEM	
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 front axle.

## STANDARD EQUIPMENT

### Bucket

General Purpose, 9.0 Cu. Yd., Straight Edge w/Bolt-on Cutting Edge

### 9527 XTreme Package

Includes Heavy Duty Structures/  
Hydraulics

Ride Control  
Counterweight

For additional Standard and Optional Equipment, please refer to the 9527 brochure.