KAWASAKI 90z iii Wheel Loader

 

**Selected Dimensions**

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| Bucket |
| G. Dump Clearance at Max Raise | 9.9 ft in | 3020 mm |
| Dimensions |
| A. Length with Bucket on Ground | 27.5 ft in | 8370 mm |
| B. Width Over Tires | 9.6 ft in | 2930 mm |
| C. Height to Top of Cab | 11.6 ft in | 3530 mm |
| D. Wheelbase | 11.2 ft in | 3400 mm |
| E. Ground Clearance | 1.7 ft in | 515 mm |
| F. Hinge Pin - Max Height | 14 ft in | 4260 mm |
| H. Reach at Max Lift and Dump | 4.1 ft in | 1240 mm |

**Specification**

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| Engine |
| Make | Cummins |
| Model | LTA-10-C290 |
| Net Power | 256 hp | 190.9 kw |
| Power Measured @ | 2100 rpm |
| Displacement | 611 cu in | 10 L |
| Torque Measured @ | 1300 rpm |
| Number of Cylinders | 6 |
| Max Torque | 832 lb ft | 1128 Nm |
| Aspiration | turbocharged & after cooled |
| Operational |
| Operating Weight | 47994.6 lb | 21770 kg |
| Fuel Capacity | 81.9 gal | 310 L |
| Hydrauilc System Fluid Capacity | 43.6 gal | 165 L |
| Engine Oil Fluid Capacity | 11.6 gal | 44 L |
| Cooling System Fluid Capacity | 14.8 gal | 56 L |
| Transmission Fluid Capacity | 15.9 gal | 60 L |
| Front Axle/Diff Fluid Capacity | 14.5 gal | 55 L |
| Rear Axle/Diff Fluid Capacity | 14.5 gal | 55 L |
| Static Tipping Weight | 35274 lb | 16000 kg |
| Turning Radius | 22.4 ft in | 6825 mm |
| Operating Voltage | 24 V |
| Alternator Supplied Amperage | 75 amps |
| Rear Axle Oscillation | 24 degrees |
| Tire Size | 26.5-25-20PR (L-3) |
| Transmission |
| Type | full power shift |
| Number of Forward Gears | 4 |
| Number of Reverse Gears | 4 |
| Max Speed - Forward | 20.5 mph | 33 km/h |
| Max Speed - Reverse | 20.8 mph | 33.5 km/h |
| Hydraulic System |
| Pump Type | gear type |
| Relief Valve Pressure | 3000 psi | 20684.3 kPa |
| Pump Flow Capacity | 37 gal/min | 140.1 L/min |
| Raise Time | 6.1 sec |
| Dump Time | 1.6 sec |
| Lower Time | 3 sec |
| Bucket |
| Breakout Force | 43870 lb | 195.1 kN |
| Dump Clearance at Max Raise | 9.9 ft in | 3020 mm |
| Bucket Width | 10.2 ft in | 3100 mm |
| Bucket Capacity - heaped | 5 yd3 | 3.8 m3 |
| Bucket Capacity - struck | 4.3 yd3 | 3.3 m3 |
| Dimensions |
| Length with Bucket on Ground | 27.5 ft in | 8370 mm |
| Width Over Tires | 9.6 ft in | 2930 mm |
| Height to Top of Cab | 11.6 ft in | 3530 mm |
| Ground Clearance | 1.7 ft in | 515 mm |
| Wheelbase | 11.2 ft in | 3400 mm |
| Hinge Pin - Max Height | 14 ft in | 4260 mm |
| Reach at Max Lift and Dump | 4.1 ft in | 1240 mm |