KAWASAKI 90ziv 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 | 27.3 ft in | 8335 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 | M11-C |
| Net Power | 256 hp | 190.9 kw |
| Power Measured @ | 2100 rpm |
| Displacement | 660 cu in | 10.8 L |
| Torque Measured @ | 1300 rpm |
| Max Torque | 832 lb ft | 1128 Nm |
| Number of Cylinders | 6 |
| Aspiration | turbocharged & after cooled |
| Operational |
| Operating Weight | 48215.1 lb | 21870 kg |
| Fuel Capacity | 84.5 gal | 320 L |
| Hydrauilc System Fluid Capacity | 71.3 gal | 270 L |
| Engine Oil Fluid Capacity | 9.8 gal | 37 L |
| Cooling System Fluid Capacity | 14.8 gal | 56 L |
| Transmission Fluid Capacity | 15.9 gal | 60 L |
| Front Axle/Diff Fluid Capacity | 19.8 gal | 75 L |
| Rear Axle/Diff Fluid Capacity | 21.1 gal | 80 L |
| Static Tipping Weight | 35406.2 lb | 16060 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 | 26.5x25-20PR (L-3) |
| Transmission |
| Type | full powershift |
| 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 | 19.5 gal/min | 73.8 L/min |
| Raise Time | 6.1 sec |
| Dump Time | 1.5 sec |
| Lower Time | 3 sec |
| Bucket |
| Breakout Force | 46075 lb | 205 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 | 27.3 ft in | 8335 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 |