KAWASAKI 90z v Wheel Loader

 

**Selected Dimensions**

|  |
| --- |
| Bucket |
| G. Dump Clearance at Max Raise | 10.3 ft in | 3130 mm |
| Dimensions |
| A. Length with Bucket on Ground | 28.5 ft in | 8700 mm |
| B. Width Over Tires | 9.6 ft in | 2930 mm |
| C. Height to Top of Cab | 11.6 ft in | 3535 mm |
| D. Wheelbase | 11.2 ft in | 3400 mm |
| E. Ground Clearance | 1.7 ft in | 515 mm |
| F. Hinge Pin - Max Height | 14.3 ft in | 4360 mm |
| H. Reach at Max Lift and Dump | 3.9 ft in | 1180 mm |

**Specification**

|  |
| --- |
| Engine |
| Make | Cummins |
| Model | QSM11 |
| Net Power | 275 hp | 205.1 kw |
| Power Measured @ | 2100 rpm |
| Displacement | 660 cu in | 10.8 L |
| Torque Measured @ | 1400 rpm |
| Max Torque | 919 lb ft | 1246 Nm |
| Number of Cylinders | 6 |
| Aspiration | turbocharged & intercooler |
| Operational |
| Operating Weight | 51323.6 lb | 23280 kg |
| Fuel Capacity | 87.2 gal | 330 L |
| Hydrauilc System Fluid Capacity | 68.7 gal | 260 L |
| Engine Oil Fluid Capacity | 9 gal | 34 L |
| Cooling System Fluid Capacity | 15.9 gal | 60 L |
| Transmission Fluid Capacity | 15.9 gal | 60 L |
| Front Axle/Diff Fluid Capacity | 19.5 gal | 74 L |
| Rear Axle/Diff Fluid Capacity | 21.1 gal | 80 L |
| Static Tipping Weight | 39980.8 lb | 18135 kg |
| Turning Radius | 22.4 ft in | 6840 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 | 21.1 mph | 34 km/h |
| Max Speed - Reverse | 21.7 mph | 34.9 km/h |
| Hydraulic System |
| Pump Type | gear type |
| Relief Valve Pressure | 3000 psi | 20684.3 kPa |
| Pump Flow Capacity | 37.8 gal/min | 143.1 L/min |
| Raise Time | 6.1 sec |
| Dump Time | 1.6 sec |
| Lower Time | 3 sec |
| Bucket |
| Breakout Force | 46300 lb | 206 kN |
| Dump Clearance at Max Raise | 10.3 ft in | 3130 mm |
| Bucket Width | 10.2 ft in | 3100 mm |
| Bucket Capacity - heaped | 5.2 yd3 | 4 m3 |
| Bucket Capacity - struck | 4.4 yd3 | 3.4 m3 |
| Dimensions |
| Length with Bucket on Ground | 28.5 ft in | 8700 mm |
| Width Over Tires | 9.6 ft in | 2930 mm |
| Height to Top of Cab | 11.6 ft in | 3535 mm |
| Ground Clearance | 1.7 ft in | 515 mm |
| Wheelbase | 11.2 ft in | 3400 mm |
| Hinge Pin - Max Height | 14.3 ft in | 4360 mm |
| Reach at Max Lift and Dump | 3.9 ft in | 1180 mm |