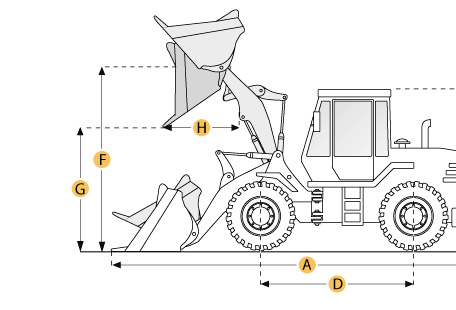
**KOMATSU wa75-3 Wheel Loader**



**Selected Dimensions**

|  |  |  |
| --- | --- | --- |
| Bucket | | |
| G. Dump Clearance at Max Raise | 8.4 ft in | 2565 mm |
| Dimensions | | |
| A. Length with Bucket on Ground | 17.7 ft in | 5390 mm |
| C. Height to Top of Cab | 8.7 ft in | 2650 mm |
| D. Wheelbase | 6.6 ft in | 2000 mm |
| E. Ground Clearance | 1.5 ft in | 460 mm |
| F. Hinge Pin - Max Height | 10.5 ft in | 3205 mm |
| H. Reach at Max Lift and Dump | 2.9 ft in | 890 mm |

**Specification**

|  |  |  |
| --- | --- | --- |
| Engine | | |
| Make | Komatsu | |
| Model | 4D 98E | |
| Net Power | 57 hp | 42.5 kw |
| Power Measured @ | 2500 rpm | |
| Displacement | 202.5 cu in | 3.3 L |
| Torque Measured @ | 1600 rpm | |
| Max Torque | 154.9 lb ft | 210 Nm |
| Number of Cylinders | 4 | |
| Operational | | |
| Operating Weight | 10692.4 lb | 4850 kg |
| Fuel Capacity | 23.8 gal | 90 L |
| Hydrauilc System Fluid Capacity | 25.1 gal | 95 L |
| Engine Oil Fluid Capacity | 2.5 gal | 9.4 L |
| Cooling System Fluid Capacity | 3.2 gal | 12.3 L |
| Front Axle/Diff Fluid Capacity | 1.6 gal | 6.1 L |
| Rear Axle/Diff Fluid Capacity | 1.7 gal | 6.5 L |
| Static Tipping Weight | 8267.3 lb | 3750 kg |
| Turning Radius | 12.4 ft in | 3770 mm |
| Operating Voltage | 12 V | |
| Alternator Supplied Amperage | 80 amps | |
| Rear Axle Oscillation | 24 degrees | |
| Tire Size | 405/70 R18 SPT 9 | |
| Transmission | | |
| Type | hydrostatic | |
| Number of Forward Gears | 2 | |
| Number of Reverse Gears | 2 | |
| Max Speed - Forward | 12.4 mph | 20 km/h |
| Hydraulic System | | |
| Pump Type | Closed Hydraulic Circuit | |
| Relief Valve Pressure | 2973.3 psi | 20500 kPa |
| Pump Flow Capacity | 16.9 gal/min | 64.1 L/min |
| Raise Time | 4.9 sec | |
| Dump Time | 1 sec | |
| Lower Time | 2.6 sec | |
| Bucket | | |
| Breakout Force | 10925.7 lb | 48.6 kN |
| Dump Clearance at Max Raise | 8.4 ft in | 2565 mm |
| Bucket Width | 6.4 ft in | 1950 mm |
| Bucket Capacity - heaped | 1 yd3 | 0.8 m3 |
| Dimensions | | |
| Length with Bucket on Ground | 17.7 ft in | 5390 mm |
| Height to Top of Cab | 8.7 ft in | 2650 mm |
| Ground Clearance | 1.5 ft in | 460 mm |
| Wheelbase | 6.6 ft in | 2000 mm |
| Hinge Pin - Max Height | 10.5 ft in | 3205 mm |
| Reach at Max Lift and Dump | 2.9 ft in | 890 mm |