Komatsu W120-3 Wheel Loader

 

**Selected Dimensions**

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| Bucket |
| G. Dump Clearance at Max Raise | 9.8 ft in | 2995 mm |
| Dimensions |
| A. Length with Bucket on Ground | 25.1 ft in | 7640 mm |
| B. Width Over Tires | 9.1 ft in | 2780 mm |
| C. Height to Top of Cab | 11.1 ft in | 3375 mm |
| D. Wheelbase | 10.3 ft in | 3125 mm |
| E. Ground Clearance | 1.5 ft in | 460 mm |
| F. Hinge Pin - Max Height | 13.2 ft in | 4030 mm |
| H. Reach at Max Lift and Dump | 4 ft in | 1230 mm |

**Specification**

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| Engine |
| Make | Komatsu |
| Model | SA6D110 |
| Gross Power | 200 hp | 149.1 kw |
| Displacement | 435 cu in | 7.1 L |
| Aspiration | turbocharged |
| Operational |
| Operating Weight | 37787.2 lb | 17140 kg |
| Fuel Capacity | 80 gal | 303 L |
| Cooling System Fluid Capacity | 12.9 gal | 49 L |
| Static Tipping Weight | 28990.8 lb | 13150 kg |
| Turning Radius | 22.7 ft in | 6920 mm |
| Tire Size | 23.5-25-12PR (L-2) |
| Transmission |
| Type | TORQFLOW full power shift countershaft full soft-shift |
| Number of Forward Gears | 3 |
| Number of Reverse Gears | 3 |
| Max Speed - Forward | 18.6 mph | 30 km/h |
| Max Speed - Reverse | 20 mph | 32.2 km/h |
| Hydraulic System |
| Raise Time | 6.3 sec |
| Dump Time | 2.3 sec |
| Lower Time | 3.2 sec |
| Bucket |
| Breakout Force | 31530 lb | 140.1 kN |
| Dump Clearance at Max Raise | 9.8 ft in | 2995 mm |
| Bucket Width | 9.6 ft in | 2925 mm |
| Bucket Capacity - heaped | 4.3 yd3 | 3.3 m3 |
| Dimensions |
| Length with Bucket on Ground | 25.1 ft in | 7640 mm |
| Width Over Tires | 9.1 ft in | 2780 mm |
| Height to Top of Cab | 11.1 ft in | 3375 mm |
| Ground Clearance | 1.5 ft in | 460 mm |
| Wheelbase | 10.3 ft in | 3125 mm |
| Hinge Pin - Max Height | 13.2 ft in | 4030 mm |
| Reach at Max Lift and Dump | 4 ft in | 1230 mm |