**Komatsu PC100 Hydraulic Excavator**



**Selected Dimensions**

Boom/Stick Option

|  |  |  |
| --- | --- | --- |
| A. Shipping Length of Unit | 23.6 ft in | 7180 mm |
| I. Max Cutting Height | 23.5 ft in | 7170 mm |
| J. Max Loading Height | 16.3 ft in | 4980 mm |
| K. Max Reach Along Ground | 23.5 ft in | 7170 mm |
| L. Max Vertical Wall Digging Depth | 12.9 ft in | 3920 mm |
| M. Max Digging Depth | 15.1 ft in | 4600 mm |
| Dimensions | | |
| B. Width to Outside of Tracks | 7.5 ft in | 2300 mm |
| D. Length of Track on Ground | 7.7 ft in | 2340 mm |
| E. Ground Clearance | 1.3 ft in | 400 mm |
| G. Height to Top of Cab | 8.8 ft in | 2675 mm |
| H. Tail Swing Radius | 7.3 ft in | 2225 mm |
| O. Counterweight Clearance | 3 ft in | 910 mm |
| Undercarriage | | |
| F. Track Gauge | 6 ft in | 1820 mm |
| N. Shoe Size | 18.9 in | 480 mm |

**Specification**

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| --- | --- | --- |
| Engine | | |
| Make | Komatsu | |
| Model | S4D 105-5 | |
| Gross Power | 81 hp | 60.4 kw |
| Displacement | 264 cu in | 4.3 L |
| Operational | | |
| Operating Weight | 23148 lb | 10499.8 kg |
| Fuel Capacity | 60.8 gal | 230 L |
| Hydrauilc System Fluid Capacity | 38.3 gal | 145 L |
| Hydraulic System Relief Valve Pressure | 2500 psi | 17236.9 kPa |
| Hydraulic Pump Flow Capacity | 65.5 gal/min | 248 L/min |
| Swing Mechanism | | |
| Swing Speed | 10 rpm | |
| Undercarriage | | |
| Shoe Size | 18.9 in | 480 mm |
| Ground Pressure | 6 psi | 41.2 kPa |
| Max Travel Speed | 2.1 mph | 3.4 km/h |
| Track Gauge | 6 ft in | 1820 mm |
| Boom/Stick Option (HEX) 1 | | |
| Boom/Stick Option (HEX) 1 | Boom 14'0" (4260mm)/Stick 6'7" (2002mm) | |
| Shipping Length of Unit | 23.6 ft in | 7180 mm |
| Max Digging Depth | 15.1 ft in | 4600 mm |
| Max Reach Along Ground | 23.5 ft in | 7170 mm |
| Max Cutting Height | 23.5 ft in | 7170 mm |
| Max Loading Height | 16.3 ft in | 4980 mm |
| Max Vertical Wall Digging Depth | 12.9 ft in | 3920 mm |
| Boom/Stick Option (HEX) 2 | | |
| Boom/Stick Option (HEX) 2 | Boom 14'0" (4260mm)/Stick 7'10" (2400mm) | |
| Max Digging Depth | 16.4 ft in | 5000 mm |
| Max Reach Along Ground | 24.7 ft in | 7530 mm |
| Max Cutting Height | 23.9 ft in | 7290 mm |
| Max Loading Height | 16.8 ft in | 5110 mm |
| Max Vertical Wall Digging Depth | 13.8 ft in | 4220 mm |
| Boom/Stick Option (HEX) 3 | | |
| Boom/Stick Option (HEX) 3 | Boom 14'0" (4260mm)/Stick 9'4" (2850mm) | |
| Max Digging Depth | 17.9 ft in | 5450 mm |
| Max Reach Along Ground | 26 ft in | 7920 mm |
| Max Cutting Height | 24.2 ft in | 7380 mm |
| Max Loading Height | 17.1 ft in | 5210 mm |
| Max Vertical Wall Digging Depth | 15 ft in | 4560 mm |
| Dimensions | | |
| Width to Outside of Tracks | 7.5 ft in | 2300 mm |
| Height to Top of Cab | 8.8 ft in | 2675 mm |
| Ground Clearance | 1.3 ft in | 400 mm |
| Counterweight Clearance | 3 ft in | 910 mm |
| Tail Swing Radius | 7.3 ft in | 2225 mm |
| Length of Track on Ground | 7.7 ft in | 2340 mm |