**KOMATSU pc1100lc-6 Hydraulic Excavator**



**Selected Dimensions** Boom/Stick Option

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| --- | --- | --- |
| A. Shipping Length of Unit | 52.6 ft in | 16020 mm |
| C. Shipping Height of Unit | 19.8 ft in | 6040 mm |
| I. Max Cutting Height | 44 ft in | 13400 mm |
| J. Max Loading Height | 28.5 ft in | 8680 mm |
| K. Max Reach Along Ground | 49.2 ft in | 15000 mm |
| L. Max Vertical Wall Digging Depth | 25 ft in | 7610 mm |
| M. Max Digging Depth | 30.7 ft in | 9350 mm |
| Dimensions | | |
| B. Width to Outside of Tracks | 15.1 ft in | 4600 mm |
| D. Length of Track on Ground | 19.6 ft in | 5970 mm |
| E. Ground Clearance | 3.2 ft in | 990 mm |
| G. Height to Top of Cab | 12.6 ft in | 3855 mm |
| H. Tail Swing Radius | 16 ft in | 4870 mm |
| O. Counterweight Clearance | 5.9 ft in | 1790 mm |
| Undercarriage | | |
| F. Track Gauge | 12.8 ft in | 3900 mm |
| N. Shoe Size | 39.4 in | 1000 mm |

**Specification**

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| --- | --- | --- |
| Engine | | |
| Make | Komatsu | |
| Model | SAA6D170E | |
| Gross Power | 611.5 hp | 456 kw |
| Power Measured @ | 1800 rpm | |
| Displacement | 1412.7 cu in | 23.2 L |
| Number of Cylinders | 6 | |
| Operational | | |
| Operating Weight | 244713.1 lb | 111000 kg |
| Fuel Capacity | 359.3 gal | 1360 L |
| Hydrauilc System Fluid Capacity | 177 gal | 670 L |
| Hydraulic System Relief Valve Pressure | 4550 psi | 31371.1 kPa |
| Hydraulic Pump Flow Capacity | 419.5 gal/min | 1588 L/min |
| Swing Mechanism | | |
| Swing Speed | 5.8 rpm | |
| Undercarriage | | |
| Shoe Size | 39.4 in | 1000 mm |
| Ground Pressure | 12.2 psi | 84.1 kPa |
| Max Travel Speed | 2 mph | 3.2 km/h |
| Track Gauge | 12.8 ft in | 3900 mm |
| Buckets | | |
| Reference Bucket Capacity | 6.5 yd3 | 5 m3 |
| Minimum Bucket Capacity | 4.4 yd3 | 3.4 m3 |
| Maximum Bucket Capacity | 6.5 yd3 | 5 m3 |
| Boom/Stick Option (HEX) 1 | | |
| Boom/Stick Option (HEX) 1 | Boom 29'10" (9100mm)/Stick 11'2" (3400mm) | |
| Shipping Height of Unit | 19.8 ft in | 6040 mm |
| Shipping Length of Unit | 52.6 ft in | 16020 mm |
| Max Digging Depth | 30.7 ft in | 9350 mm |
| Max Reach Along Ground | 49.2 ft in | 15000 mm |
| Max Cutting Height | 44 ft in | 13400 mm |
| Max Loading Height | 28.5 ft in | 8680 mm |
| Max Vertical Wall Digging Depth | 25 ft in | 7610 mm |
| Boom/Stick Option (HEX) 2 | | |
| Boom/Stick Option (HEX) 2 | Boom 29'10" (9100mm)/Stick 14'9" (4500mm) | |
| Shipping Height of Unit | 21.2 ft in | 6460 mm |
| Shipping Length of Unit | 52.7 ft in | 16050 mm |
| Max Digging Depth | 34.3 ft in | 10440 mm |
| Max Reach Along Ground | 52.5 ft in | 16000 mm |
| Max Cutting Height | 44.3 ft in | 13490 mm |
| Max Loading Height | 29.5 ft in | 9000 mm |
| Max Vertical Wall Digging Depth | 27.9 ft in | 8490 mm |
| Boom/Stick Option (HEX) 3 | | |
| Boom/Stick Option (HEX) 3 | Boom 29'10" (9100mm)/Stick 18'8" (5700mm) | |
| Shipping Height of Unit | 22.9 ft in | 6990 mm |
| Shipping Length of Unit | 52 ft in | 15840 mm |
| Max Digging Depth | 38 ft in | 11590 mm |
| Max Reach Along Ground | 56.2 ft in | 17130 mm |
| Max Cutting Height | 45.6 ft in | 13910 mm |
| Max Loading Height | 31 ft in | 9440 mm |
| Max Vertical Wall Digging Depth | 31.1 ft in | 9480 mm |
| Dimensions | | |
| Width to Outside of Tracks | 15.1 ft in | 4600 mm |
| Height to Top of Cab | 12.6 ft in | 3855 mm |
| Ground Clearance | 3.2 ft in | 990 mm |
| Counterweight Clearance | 5.9 ft in | 1790 mm |
| Tail Swing Radius | 16 ft in | 4870 mm |
| Length of Track on Ground | 19.6 ft in | 5970 mm |