**CATERPILLAR cs583c Vibratory Smooth Drum Roller**



**Selected Dimensions**

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| Dimensions |
| A. Overall Length | 17.7 ft in | 5400 mm |
| B. Overall Width | 8.2 ft in | 2508 mm |
| C. Height to Top of Cab | 9.9 ft in | 3020 mm |
| D. Wheelbase | 9 ft in | 2740 mm |
| E. Ground Clearance | 19 in | 483 mm |

**Specification**

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| Engine |
| Model | 3116T |
| Gross Power | 145 hp | 108.1 kw |
| Displacement | 402.8 cu in | 6.6 L |
| Operational |
| Operating Weight | 34083.5 lb | 15460 kg |
| Fuel Capacity | 58.1 gal | 220 L |
| Engine Oil Capacity | 5.3 gal | 20 L |
| Hydraulic System Fluid Capacity | 29.1 gal | 110 L |
| Max Speed | 8 mph | 12.8 km/h |
| Tires \*if applicable | 23.1x26-8 ply |
| Drum |
| Drum Width | 83.9 in | 2130 mm |
| Drum Diameter | 59.8 in | 1520 mm |
| Vibration Frequency 1 | 30 Hz |
| Centrifugal Force - High | 31750 lb | 141.2 kN |
| Centrifugal Force - Low | 16675 lb | 74.2 kN |
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