

CS68B VIBRATORY SOIL ROLLER | 17T

PRODUCT SPECIFICATIONS

CAT

Engine - Power Train

Engine Model	Cat ^(R) C4.4 ACERT™	
Emission Standards	US EPA Tier 4 Final	
	EU Stage IV	
Gross Power ISO 14396	117 kW	157 hp
Displacement	4.4 L	268.5 in ³
Stroke	127 mm	5 in
Bore	105 mm	4.1 in
Max. Travel Speed (Forward or Reverse)	11.4 km/h	7 mph

Weights

Operating Weight w/ ROPS/FOPS cab	14,325 kg	31,572 lb
w/ padfoot shell kit	15,730 kg	34,662 lb
w/ leveling blade	14,980 kg	33,011 lb
w/ padfoot shell kit and leveling blade	16,380 kg	36,101 lb
Weight at Drum w/ ROPS/FOPS cab	9,150 kg	20,164 lb
w/ padfoot shell kit	10,550 kg	23,247 lb
w/ leveling blade	10,105 kg	22,271 lb
w/ padfoot shell kit and leveling blade	11,505 kg	25,354 lb

Vibratory System Specifications

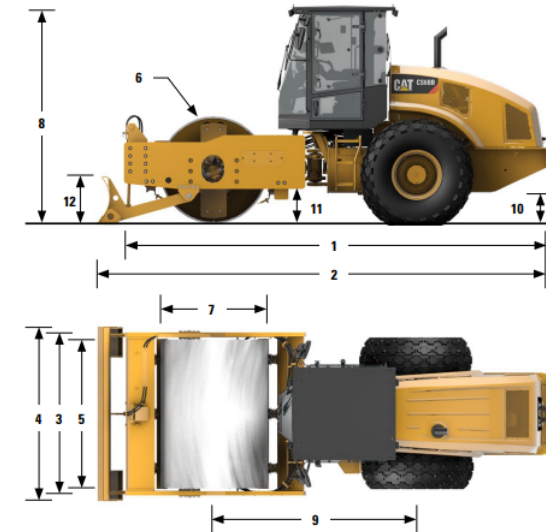
Frequency		
Standard	30.5 Hz	1,830 vpm
During Eco-mode Operation	27.7 Hz	1,664 vpm
Optional Variable Frequency	23.3-30.5 Hz	1,400-1,830 vpm
Nominal Amplitude @30.5 Hz (1830 vpm)		
High	2.1 mm	0.083 in
Low	0.98 mm	0.039 in
Centrifugal Force @ 30.5 Hz (1830 vpm)		
Maximum	301 kN	67,600 lb
Minimum	141 kN	31,670 lb

Static Linear Load

w/ ROPS/FOPS Cab	42.9 kg/cm	240 lbs/in
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Service Refill Capacities

Fuel Tank, total capacity	242 L	64 gal
Diesel Exhaust Fluid refill capacity	19 L	5 gal
Cooling System	27.8 L	7.3 gal
Engine Oil w/ Filter	11.6 L	3.1 gal
Eccentric Weight Housings	26 L	6.9 gal
Axle and Final Drives	18 L	4.8 gal
Hydraulic Tank (service refill)	50 L	13.2 gal



Dimensions

1 Overall Length	6.05 m	19.8 ft
2 Overall Length w/ Optional Leveling Blade	6.55 m	21.5 ft
3 Overall Width	2.33 m	7.64 ft
4 Overall Width w/ Optional Leveling Blade	2.50 m	8.25 ft
5 Drum Width	2134 mm	84 in
6 Drum Shell Thickness	30 mm	1.18 in
7 Drum Diameter	1534 mm	60.4 in
8 Overall Height	3.11 m	10.2 ft
9 Wheelbase	2.9 m	9.5 ft
10 Ground Clearance	437 mm	17.2 in
11 Curb Clearance	489 mm	19.3 in
12 Optional Leveling Blade Height	688 mm	27.1 in
Inside Turning Radius	3.68 m	12.07 ft
Hitch Articulation Angle	34°	
Hitch Oscillation Angle	15°	
Optional Leveling Blade Height	688 mm	27.1 in

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