



Cat[®]

CB1.7 and CB1.8

UTILITY COMPACTORS

TOP SELLING FEATURES:

1. Simple Operation

- Ergonomic operating environment with vandal protection
- Spacious seating and easy access due to logically placed handles and lower platform height
- Simple operation with mechanical propel and speed control levers

2. Efficient Performance

- Compact size for excellent maneuverability in tight spaces
- Excellent drum-edge visibility enhances control for better coverage and compaction results
- Industry-leading compaction force delivers outstanding results
- Industry-leading water tank capacity of 145 L (38 gal) sized for less fills throughout the day
- Single-Point Lift for trench work and alternative transport options

3. Optimized Power

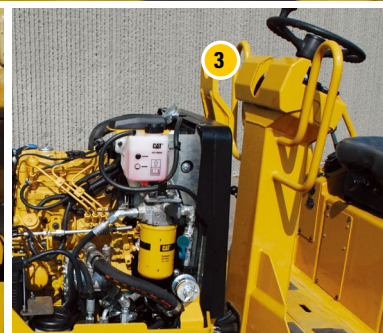
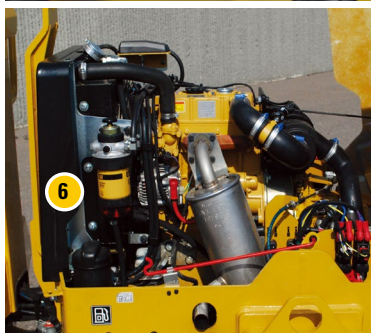
- Powerful Cat[®] C1.1 engine; single source supplier for parts, service, and support
- Cooling system capability of up to 49° C (120° F) for good performance in harsh environments
- Quickly move around the job site with a fast travel speed of 8.6 kph (5.3 mph) for good mobility

4. Reliable and Easy to Maintain

- 3 year/3000 hour vibratory drum service interval
- Reliable triple filtration design for the water spray system
- Easy access to engine service points
- Robust hitch design easily supports single lift point option
- Remote monitoring available with Product Link[™] option



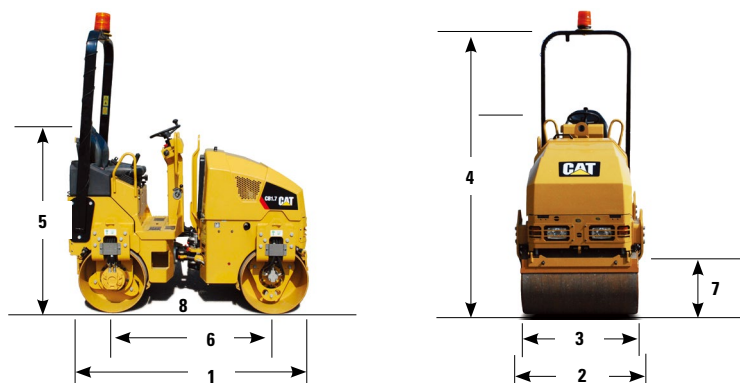
- 1 Simple Console Design
- 2 Enhanced Visibility
- 3 Single Point Lift Option
- 4 Spacious Operating Environment
- 5 Foldable ROPS Option
- 6 Quick Service Access



CB1.7, CB1.8 Utility Compactors

Dimensions

	CB1.7	CB1.8
1 Overall length - mm (in)	2040 (80)	2040 (80)
2 Overall width - mm (in)	1012 (40)	1112 (44)
3 Drum width - mm (in)	900 (35")	1000 (39)
Drum shell thickness - mm (in)	10 (0.39)	10 (0.39)
Drum diameter - mm (in)	575 (22.5)	575 (22.5)
4 Height with ROPS/FOPS - mm (in)	2400 (94.5)	2400 (94.5)
Height without ROPS/FOPS (steering wheel) - mm (in)	1630 (64)	1630 (64)
5 Transport height (w/foldable ROPS) - mm (in)	1630 (64)	1630 (64)
6 Wheelbase - mm (in)	1376 (54)	1376 (54)
Inside turning radius - mm (in)	1950 (77)	1900 (75)
7 Curb clearance - mm (in)	403 (16)	403 (16)
8 Ground clearance - mm (in)	251 (10)	251 (10)



Power, Weights, and Vibratory Specifications

	CB1.7	CB1.8
Cat C1.1 Engine - kW (hp)*	18.4 (24.7)	
Operating Weight - kg (lb)**	1605 (3,538)	1735 (3,825)
Max. Operating Weight - kg (lb)***	1808 (3,985)	1953 (4,305)
Static Linear Load - kg/cm (pli)	9.4 (72)	9.1 (63)
Amplitude - mm (in)	0.50 (0.019)	0.47 (0.018)
Frequency - Hz (vpm)	57 (3,420)	
Centrifugal Force Maximum - kN (lbF)	13.6 (3,057)	

* C1.1 meets U.S. EPA Tier 4 Final and EU Stage V emissions.

** Standard Operating weight includes 80 kg operator, full fuel and 1/2 full water tank

*** Maximum Operating weight includes 80 kg operator full fuel, full water tank, and attachments

Capacities

Fuel Tank - L (gal)	30 (7.9)
Cooling System - L (gal)	3.9 (1.0)
Engine Oil w/filter - L (gal)	4.4 (1.1)
Hydraulic Tank - L (gal)	34 (8.9)
Water Tank - L (gal)	145 (38)

Performance

Travel Speed - km/hr (mph)	8.6 (5.3)
Maximum Gradeability	20°
Articulation Angle	32°
Oscillation Angle	8°
Water Spray Timer Interval	15 sec
Alternator - 12 volt	40 amp
Battery	650 CCA

OPTIONAL EQUIPMENT

- Battery disconnect switch
- Bio-hydraulic oil
- Lights, working, roading, IRH
- Light guard
- Non-suspension seat
- Product Link
- ROPS, fixed
- ROPS, foldable
- Single lift point
- Suspension seat w/safety switch
- Warning light

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

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