

CB64B

ARTICULATING ROLLER



APPLICATIONS

- Interstates, highways, urban streets, large parking lots, rural roads
- 2.0 m (79") drums cover widths up to 4.8 m (16') in three overlapping passes
- Drum offset increases compaction width to 2.2 m (90")
- Recommended for lift thicknesses up to and greater than 101 mm (4")

✓ EQUIPPED WITH 2.0 M (79") DRUMS



STANDARD AND OPTIONAL EQUIPMENT

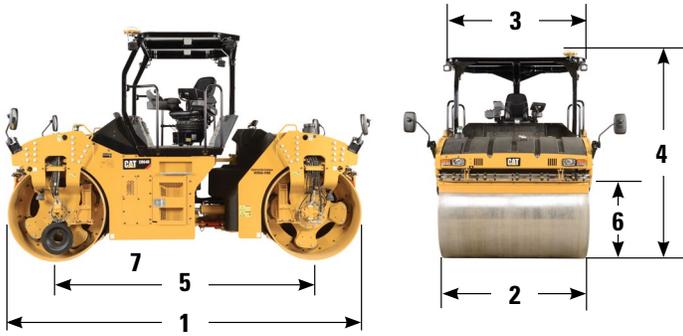
Standard Equipment:

- 5-Amplitude Vibe System
- 12-Volt Electrical System
- 120 Amp Alternator
- 1000 L (264 gal) Water Tank Capacity
- Automatic Speed Control
- Automatic Traction Control
- Automatic Vibratory Control
- Eco-mode
- Front and Rear Solid Drums
- Locking Engine Compartment
- Mirrors
- Rooding Lights
- ROPS/FOPS Platform
- Sealed Pod Vibratory System
- Solid Drums
- Suspension Seat
- Triple-Filtered Water Spray System with Plastic Spray Nozzles
- Two-Speed Hydrostatic Transmission
- Working Lights

Optional Equipment:

- 2-Amplitude/2-Frequency Vibe System
- 360° Seating
- Accelerometer Ready Kit
- Air Conditioning
- Air Suspension Seat w/Heat
- Bio-Degradable Oil
- Brass Water Spray Nozzles
- Cat Compaction Control
 - Drum Accelerometer
 - Infra-Red Temperature Sensor
 - Temperature Mapping
 - Pass-Count Mapping
- Edge Cutter
- Freeze Protection Kit
- Halogen Lights w/Drum Edge Lights
- High Intensity Discharge (HID) w/Drum Edge Lighting
- Mirrors
- Offset Hitch
- Product Link (631 or 641)
- Recording Module (cab only)
- Rooding Lights
- ROPS/FOPS Cab
- Temperature Indicator (asphalt)
- Versa-Vibe Vibratory Systems
- Warning Beacon
- Water Distribution Mats (cocoa)
- Water Distribution Mats (rubber)

CB64B SPECIFICATIONS



Dimensions

1 Overall Length	4742 mm	15' 6"
2 Drum Width	2000 mm	79"
Drum Offset	170 mm	6"
Drum Shell Thickness	17 mm	0.67"
Drum Diameter	1300 mm	51"
3 Overall width at ROPS	2325 mm	7' 8"
4 Height at ROPS/FOPS/Cab with Product Link™	3068 mm 3090 mm	10' 10' 2"
5 Wheelbase	3450 mm	11' 3"
6 Curb Clearance	723 mm	28"
7 Ground Clearance	292 mm	11.5"

Weights

Operating Weight - ROPS/FOPS/CAB

Standard machine	12 180 kg	26,852 lb
Maximum machine	13 780 kg	30,380 lb
Static linear load	30 kg/cm	168 lb/in

Powertrain

Engine Model	Cat C4.4 ACERT™		
Tier 4 Final, Stage IV	106 kW	142 hp	144 metric hp
Number of Cylinders	4		
Rated Speed	2200 rpm		
Speed Ranges			
Low	0 - 7 km/hr	0 - 4.5 mph	
High	0 - 13 km/hr	0 - 8 mph	

Capacities

Fuel Tank	250 L	66 gal
Fuel Usage (50% duty)	12 hours	
Water Tank	1000 L	264 gal

Vibratory Systems

Five Amplitude

Frequency	42 Hz	2520 vpm
Amplitude		
High	0.96 mm	0.038 in
Medium high	0.82 mm	0.032 in
Medium	0.66 mm	0.026 in
Medium low	0.49 mm	0.019 in
Low	0.30 mm	0.012 in
Centrifugal Force		
High	110.0 kN	24,728 lbF
Low	34.7 kN	7,800 lbF

Versa-Vibe™

Low Frequency	42 Hz	2520 vpm
Amplitude - High	0.78 mm	0.030 in
Amplitude - Low	0.66 mm	0.026 in
Centrifugal Force		
High	88.8 kN	19,963 lbF
Low	75.4 kN	16,950 lbF
High Frequency	63.3 Hz	3800 vpm
Amplitude - High	0.40 mm	0.016 in
Amplitude - Low	0.30 mm	0.012 in
Centrifugal Force		
High	103.3 kN	23,222 lbF
Low	77.5 kN	17,422 lbF

Two Amplitude, Two Frequency (Not available in the U.S. or Canada)

Low Frequency	42 Hz	2520 vpm
Amplitude	0.77 mm	0.030 in
Centrifugal Force	76.3 kN	17,153 lbF
High Frequency	63.3 Hz	3800 vpm
Amplitude	0.27 mm	0.010 in
Centrifugal Force	87.2 kN	19,603 lbF