

CB66B

ARTICULATING ROLLER



CB66B Shown

APPLICATIONS

- Interstates, highways, urban streets, large parking lots, rural roads
- 2.13 m (84") 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 2.13 M (84") DRUMS



STANDARD AND OPTIONAL EQUIPMENT

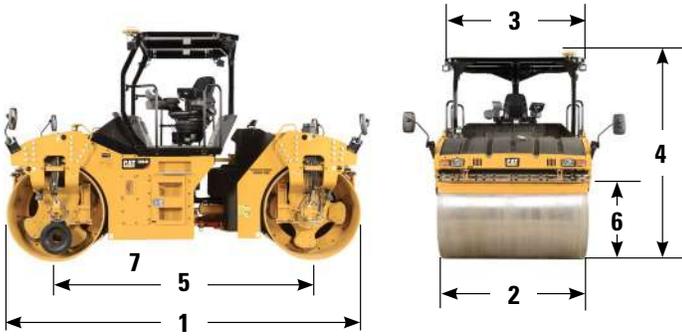
Standard Equipment:

- 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
- Roading 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)
- Roading Lights
- ROPS/FOPS Cab
- Temperature Indicator (asphalt)
- Versa-Vibe Vibratory Systems
- Warning Beacon
- Water Distribution Mats (cocoa)
- Water Distribution Mats (rubber)

CB66B SPECIFICATIONS



Dimensions

| | | |
|---|---------|--------|
| 1 Overall Length | 4742 mm | 15' 6" |
| 2 Drum Width | 2130 mm | 84" |
| 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 | 10' |
| 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 | 13 180 kg | 29,057 lb |
| Maximum machine | 14 780 kg | 32,584 lb |
| Static linear load | 30.5 kg/cm | 171 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 | 1.03 mm | 0.041 in |
| Medium high | 0.95 mm | 0.037 in |
| Medium | 0.83 mm | 0.033 in |
| Medium low | 0.65 mm | 0.026 in |
| Low | 0.41 mm | 0.016 in |
| Centrifugal Force | | |
| High | 138.2 kN | 31,069 lbF |
| Low | 55.2 kN | 12,409 lbF |

Versa-Vibe™

| | | |
|-------------------|----------|------------|
| Low Frequency | 42 Hz | 2520 vpm |
| Amplitude - High | 0.67 mm | 0.026 in |
| Amplitude - Low | 0.57 mm | 0.022 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 | 0.34 mm | 0.016 in |
| Amplitude - Low | 0.26 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 |