Top Features

The CB66B and CB68B are 13 to 14 metric ton compactors with 2130 mm (84”) tandem vibratory drums. These large models deliver excellent mat densities, good visibility and comfort, fuel efficiency with Eo-mode, and an industry-leading water spray system.

- **Exceptional Visibility and Control** with hand-wheel steering, touch-pad machine functions, LCD display, and 180° seating option help keep operators engaged.

- **Smooth and Quiet Powertrain** with C4.4 engine that meets emissions equivalent to U.S. EPA Tier 3 and EU Stage IIIA emissions standards. Eco-mode, automatic engine speed control, and the auto-vibe features help provide reliable control.

- **Simple Vibratory Systems** include the high-impact 5-amplitude system, two amplitude/two frequency system, or the highly versatile Versa-Vibe system. These versatile options are able to match thick or thin lifts as well as various paving speeds.

- **Cat Compaction Control** keeps the operator informed for higher performance and efficiency. Infrared temperature sensors combined with mapping keep the operator informed of when optimal temperatures exist and where compaction has taken place. Temperature Mapping records data for future analysis, while Pass-Count Mapping keeps the operator informed of where mat coverage has taken place and the number of passes made.

- **Industry-Leading Water Spray System** features a single fill point, dual water pumps, dual spray bars, triple filtration, intermittent operation and high capacity for optimal performance. An optional freeze protection kit offers protection in cold temperatures.

- **Best Lifetime Value** with Eco-mode operation that conserves fuel, while oil-bath lubrication and 3 yr/3000 hr vibratory drum service interval extends operation and minimizes life-time operating costs.

Specifications

### Weights

<table>
<thead>
<tr>
<th>Model</th>
<th>Standard Operating Weight</th>
<th>Maximum Operating Weight</th>
<th>Static Linear Load</th>
</tr>
</thead>
<tbody>
<tr>
<td>CB66B</td>
<td>Standard 13 180 kg 29,057 lb</td>
<td>Maximum 14 780 kg 32,584 lb</td>
<td>30.5 kg/cm 171 lb/in</td>
</tr>
<tr>
<td>CB68B</td>
<td>Standard 14 180 kg 31,262 lb</td>
<td>Maximum 15 780 kg 34,789 lb</td>
<td>32.9 kg/cm 184 lb/in</td>
</tr>
</tbody>
</table>

### 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

### Engine – Powertrain

- **Engine Model**: Cat C4.4 with ACERT™ Technology
- **Gross Power**: 106 kW (142 hp (I) 144 hp (m))
- **Number of Cylinders**: 4
- **Rated Speed**: 2200 rpm
- **Bore**: 105 mm (4.13")
- **Stroke**: 127 mm (5")
- **Speed Ranges**:
  - Low: 0 - 7 km/hr (4.5 mph)
  - High: 0 - 13 km/hr (8 mph)
- **Steering (Inside)**: 4.265 m (14’)
- **Articulation Angle**: 36°

### Service Refill Capacities

<table>
<thead>
<tr>
<th>Component</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel Tank</td>
<td>250 L</td>
</tr>
<tr>
<td>Fuel Usage (50% duty)</td>
<td>12 hours</td>
</tr>
<tr>
<td>Cooling System</td>
<td>21 L</td>
</tr>
<tr>
<td>Engine Oil</td>
<td>8.1 L</td>
</tr>
<tr>
<td>Hydraulic Tank</td>
<td>36 L</td>
</tr>
<tr>
<td>Water Tank</td>
<td>1000 L</td>
</tr>
</tbody>
</table>

* Meets emissions equivalent to U.S. EPA Tier 3, EU Stage IIIA, and China Stage III.
### Vibratory Systems

#### Five Amplitude
<table>
<thead>
<tr>
<th>Frequency – Hz (vpm)</th>
<th>High</th>
<th>Medium High</th>
<th>Medium</th>
<th>Medium Low</th>
<th>Centrifugal Force (high) – kN (lbF)</th>
<th>Centrifugal Force (low) – kN (lbF)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>42</td>
<td>1.03</td>
<td>0.95</td>
<td>0.83</td>
<td>0.65</td>
<td>0.41</td>
</tr>
</tbody>
</table>

#### Versa-Vibe™
<table>
<thead>
<tr>
<th>Frequency – Hz (vpm)</th>
<th>High</th>
<th>Low</th>
<th>Centrifugal Force (high) – kN (lbF)</th>
<th>Centrifugal Force (low) – kN (lbF)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>63.3</td>
<td>0.67</td>
<td>88.8 (19,963)</td>
<td>75.4 (16,950)</td>
</tr>
</tbody>
</table>

#### Two Amplitude, Two Frequency
<table>
<thead>
<tr>
<th>Frequency – Hz (vpm)</th>
<th>High</th>
<th>Low</th>
<th>Centrifugal Force (high) – kN (lbF)</th>
<th>Centrifugal Force (low) – kN (lbF)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>63.3</td>
<td>0.23</td>
<td>76.3 (16,479)</td>
<td>87.2 (19,603)</td>
</tr>
</tbody>
</table>

### Optional Equipment
- 360° Rotating Seat
- Accelerometer Ready Kit
- Air Conditioning
- Air Suspension Seat w/Heat
- Bio-Degradeable Oil
- Cat Compaction Control
  - Infrared Temperature Gauge
  - Temperature Mapping
  - Pass-count Mapping
- Drum Covers
- Edge Cutter
- Freeze Protection Kit
- Halogen Lights w/Drum Edge Lighting
- Heated Seat
- High Intensity Discharge (HID) Lights w/Drum Edge Lighting
- Mirrors
- Offset Hitch
- Premium Water Spray Nozzles
- Product Link
- Recording Module (cab only)
- Roading Lights
- ROPS/FOPS Cab
- Two Amplitude/Two Frequency Vibratory System
- Versa Vibe Vibratory System
- Warning Beacon
- Water Distribution Mats (cocoa)
- Water Distribution Mats (rubber)

### Dimensions
1. Overall Length 4742 mm 15' 6"
2. Drum Width 2130 mm 84"
3. Drum Offset 170 mm 6"
4. Drum Shell Thickness 17 mm 0.67"
5. Drum Diameter 1300 mm 51"
6. Overall width at ROPS 2325 mm 7' 8"
7. Height at ROPS/FOPS/Cab 3068 mm 10'
8. Wheelbase 3090 mm 10' 2"
9. Curb Clearance 723 mm 28"
10. Ground Clearance 292 mm 11.5"

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