

CB-534D XW Asphalt Compactor



Standard Vibratory System

Pod-style eccentric weights with more amplitude selections ensure peak compaction performance and minimal service. High dynamic force helps achieve density in the fewest number of passes.

Versa Vibe™ Vibratory System (Optional)

The optional Versa Vibe™ system provides both high amplitude and high frequency in one machine

Caterpillar® 3054C Diesel Engine

Cat® 3054C turbocharged diesel engine delivers 97 kW (130 hp) and is built for performance and reliability without sacrificing fuel economy. The cooling system delivers fresh air from above the engine for clean and efficient operation.

Pressure Override (POR) Hydraulic System

Fuel efficiency and plenty of horsepower to meet all performance needs.

Water Spray System

Caterpillar's exclusive dual pump water spray system provides the operator an efficient, easy access drum watering system. A unique single, large polyethylene tank, triple water filtration and infinitely variable spray settings are some of the benefits integrated into the system.

Maximum Visibility Position Control Console

Angled supports provide high clearance and visibility for work against barriers and walls allowing greater visibility.

Operator's Station

The new CB-534D asphalt compactor features excellent operator comfort and visibility. A tilting steering column, propel lever wrist rest, and conveniently located and grouped control switches and gauges enhance operator productivity. Heavy-duty isolation mounts provide a smooth ride.

Visibility

The one-piece hood design and vertical folded drum supports provide excellent operator visibility to important areas of the machine including drum edges, drum surfaces, and overall visibility around the machine.

50/50 Articulation

The CB-534D features 50/50 articulation for evenly balanced weight front to rear. This configuration simplifies operation because both drums track in the same path even while turning.

Reliability and Serviceability

Simplified service access and extended service intervals minimize maintenance time and increase machine production. The newly designed one-piece fiberglass hood opens upward and rearward to allow access to the engine and daily maintenance points. Daily check points are accessible from ground level.

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Specifications

| Engine | | |
|-------------------------------|------------------|---------|
| Engine Model | CAT 3054C DITAAC | |
| Gross Power | 97 kW | 130 hp |
| EEC 80/1269 | 93 kW | 125 hp |
| ISO 9249 | 93 kW | 125 hp |
| Bore | 105 mm | 4.12 in |
| Stroke | 127 mm | 5 in |
| Net Power - SAEJ1349 (JUN 95) | 92 kW | 124 hp |

| Service Refill Capacities | | |
|-----------------------------|--------|---------|
| Fuel Tank Capacity | 219 L | 58 gal |
| Water (Spray) Tank Capacity | 1100 L | 290 gal |

| Operating Specifications | | |
|----------------------------------|---------|---------|
| Curb Clearance | 870 mm | 34.5 in |
| Turning Radius Outside Drum Edge | 6000 mm | 236 in |
| Turning Radius Inside Drum Edge | 4000 mm | 157 in |
| Ground Clearance | 306 mm | 12 in |
| Travel Speed Max | 13 kph | 8 mph |

| Weights | | |
|---|-----------|-------------|
| Operating Weight with ROPS/FOPS | 11 300 kg | 24,917 lb |
| Operating Weight at Rear Drum with ROPS/FOPS | 5588 kg | 12319.42 lb |
| Operating Weight at Front Drum with ROPS/FOPS | 5712 kg | 12592.79 lb |
| Operating Weight without ROPS/FOPS | 11 014 kg | 24,285 lb |
| Shipping Weight with ROPS/FOPS | 10 670 kg | 23,527 lb |
| Shipping Weight without ROPS/FOPS | 10 384 kg | 22,897 lb |

| Dimensions | | |
|--------------------------|---------|----------|
| Overall Length | 4940 mm | 194 in |
| Wheelbase | 3640 mm | 143.3 in |
| Height at Steering Wheel | 2325 mm | 91.5 in |
| Height with ROPS/FOPS | 3050 mm | 120 in |
| Compaction Width | 2000 mm | 79 in |
| Overall Width | 2183 mm | 85.9 in |

| Vibratory System | | |
|---------------------------|----------------------------------|-----------|
| Drum Width | 2000 mm | 79 in |
| Drum Diameter | 1300 mm | 51 in |
| Frequency | 42 Hz | 2520 vpm |
| Nominal Amplitude - High | .86 mm | .034 in |
| Nominal Amplitude - Low | .26 mm | .01 in |
| Centrifugal Force Maximum | 112 kN | 25,208 lb |
| Centrifugal Force Minimum | 35 kN | 7922 lb |
| Vibration Selection | Independent per drum | |
| Eccentric Weight Drive | Hydraulic direct, auto reversing | |

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Materials and specifications subject to change without notice.

Featured machines in photo may include additional equipment.

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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