

B-Series CP

Padfoot Drum Vibratory Soil Compactors



Comfort to Operate with Confidence

- NEW** • Comfortable redesigned cab with best-in-class climate control, multi-position windows
- NEW** • Control console and display are integrated with pivoting seat* (optional deluxe cloth seat available)
- NEW** • Display provides instrumentation data and diagnostics at a glance*
- Exceptional visibility to tires and drum edge
- NEW** – Larger mirrors for improved rear visibility
- NEW** – Narrower rear frame
- NEW** • Optional light package upgrade provides four additional lights for excellent low light visibility

Achieve Quality Compaction Faster

- Enhanced compaction force
- NEW** – More weight at the drum
- NEW** – Best-in-class amplitude
- NEW** • Enhanced propel system with electronic control† for better performance
- NEW** • Standard technology automates functions that enable high quality and uniformity:
 - Automatic Speed Control†
 - Auto-vibe

Pad Designs To Fit Application Requirement

Exclusive Involute, Tapered Oval-Faced Pad Design

- Produces superior thick-lift compaction results by penetrating deeper and introducing horizontal compaction force
- Tapered design inhibits material accumulation between pads

Square-Faced Pad Design

- Produces good thin-lift compaction results
- Provides best surface sealing



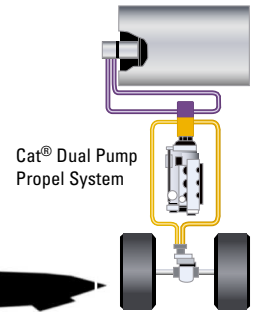
Oval-Faced



Square-Faced



Cat Pod-style
Vibratory System



Cat® Dual Pump
Propel System

Work Smarter with Optional Compaction Measurement Technology from Caterpillar

- NEW** • Cat® Compaction Control
 - Factory installed, dealer supported; integrated with machine for better protection from theft, vandalism
- NEW** – Machine Drive Power (MDP): exclusive Cat technology, rolling resistance-based
 - Mapping/Positioning option
 - SBAS GNSS; upgradeable to RTK
 - Includes separate display, GNSS antenna



Cat Compaction Control with
GNSS Mapping (SBAS)

Best Value Available

- Designed for easy maintenance, long service intervals
- High reliability due to robust design
- Powerful and efficient engine
 - Meets emissions standards where applicable
- NEW** – Reduces fuel burn when Eco-mode is used
 - Self-monitors and alerts operator to abnormal engine performance
- Highest resale value in the industry

Do More

- NEW** • Exclusive Cat dual pump propel system with electronic control† provides
 - Exceptional traction and gradeability
 - Plenty of power for leveling blade
- Optional leveling blade

* In some markets, this feature available as an option on the CP54B.
† In some markets, this feature not available on the CP54B.



B-Series: CP Vibratory Soil Compactor Specifications

| Model* | Operating Weight** | Weight at Drum | Drum Width | Engine† | Rated Power† |
|--------|-----------------------|-----------------------|---------------|-----------------|---------------------|
| CP54B | 11 135 kg (24,539 lb) | 6395 kg (14,092 lb) | 2130 mm (84") | C4.4 with ACERT | 98 kW (131 hp) |
| CP56B | 11 665 kg (25,707 lb) | 6455 kg (14,231 lb) | 2130 mm (84") | C4.4 with ACERT | 117 kW (157 hp) |
| CP68B | 14 685kg (32,370 lb) | 9250 kg (20,387 lb) | 2130 mm (84") | C4.4 with ACERT | 117 kW (157 hp) |
| CP74B | 16 355 kg (36,048 lb) | 10 725 kg (23,633 lb) | 2130 mm (84") | C4.4 with ACERT | 129.5 kW (173.7 hp) |

Vibratory System

| Frequency | Standard High Amp | Eco-mode High Amp | Optional Variable Frequency |
|-----------------|--------------------|---------------------|------------------------------|
| CP54B, 56B, 68B | 30.5 Hz (1830 vpm) | 27.7 Hz (1664 vpm) | 23.3-30.5 Hz (1400-1830 vpm) |
| CP74B | 28 Hz (1680 vpm) | 25.45 Hz (1527 vpm) | 23.3-28 Hz (1400-1680 vpm) |

| Nominal Amplitude | High | Low |
|-------------------|-----------------|------------------|
| CP54B | 1.9 mm (0.075") | 0.88 mm (0.035") |
| CP56B, 68B, 74B | 2.1 mm (0.083") | 0.98 mm (0.039") |

* Not all models are available in all markets.

** Operating Weights are approximate and include ROPS/FOPS cab, AC, coolant, lubricants, full fuel tank and 80 kg (175 lb) operator.

† In some markets certain models are equipped with C6.6 engine with ACERT. Rated Power can vary slightly by market.

Cat® Compaction Control - Machine Drive Power (MDP)

| Feature | | Comment |
|---|-------------------------|--|
| Measurement Depth | 30 - 60 cm (12 - 24 in) | Measurement depth is closer to thickness of lift than other technologies |
| Correlates w/portable measurement devices | Yes | Gives you confidence to move on |
| Usable on smooth drum or padfoot shell | Yes | MDP is only technology for padfoot |
| Usable on granular or cohesive material | Yes | MDP is only technology that works on cohesive |
| Requires active vibe system to measure | No | MDP can measure with less soil disturbance than accelerometer systems |
| Exclusive Cat technology | Yes | MDP only available from Caterpillar |

The Cat® Advantage - Single Source Provider

| | Cat Dealer | Competitive Dealer | Comment |
|---|------------|--------------------|---|
| Convenient worldwide dealer locations | ✓ | | More than our 5 largest competitors combined |
| Engine service | ✓ | | Cat machines feature Cat engines |
| Machine service | ✓ | ✓ | |
| Service technician trained for paving equipment | ✓ | | Cat technicians trained on Cat machines |
| 24/7/365 parts availability on most service parts | ✓ | | Long lead times for competitive OEM parts |
| New OEM parts | ✓ | | Competition offers inferior aftermarket parts |
| Reconditioned OEM parts | ✓ | | Rebuilt to OEM spec by Cat Reman |
| Available financing options | ✓ | | Available through Cat Financial |
| Application expertise | ✓ | | Personnel understand the paving business |
| Machine rental | ✓ | | Keeps your capital expense low |
| Products with high resale value | ✓ | | Durable Cat machines built to last |

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

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Materials and specifications are subject to change without notice.
Featured machines in photos may include additional equipment.
See your Cat dealer for available options.

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