

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



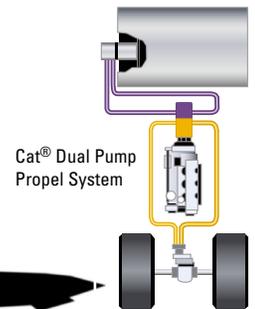
Oval-Faced



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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