

CP

Padfoot Drum Vibratory Soil Compactors

The solid foundation of your earthmoving fleet.



Rugged, Reliable Soil Compactor

- Cat® engine with ACERT™ Technology.
- High system integrity: electrical, hydraulic.
- Maintenance-free hitch bearings.
- 500 hour engine oil change interval.
- First machine service at 250 hours.

Work Hard in Comfort

- Powerful Air Conditioning surrounds operator with cool air.
- Exceptional visibility to tires and rear of machine.
- Low sound levels.
- Platform fully isolated from drum vibration.



Pad Designs to Fit Application Requirements

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

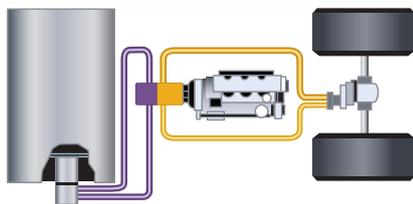
- Produces good thin-lift compaction results.
- Provides best surface sealing.



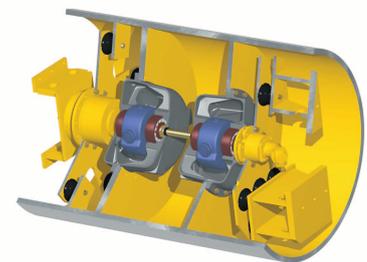
Oval-Faced Pad Design



Square-Faced Pad Design



Cat Dual Pump
Propel System



Cat Pod-style
Vibratory System

Best-in-Class Propel System

- Exceptional traction and gradeability in forward and reverse.
- Heavy-duty hydraulic components.
- Provides excellent performance when leveling blade option is installed.
- Dual-pump design more efficient than single-pump/traction control designs.

Virtually-free Maintenance-free Vibratory System

- Maintenance and lubrication free for 3 years/3,000 hours.
- Dual frequency or variable frequency options.
- Exclusive pod-style eccentric weights are contamination free.



CP Vibratory Soil Compactor Specifications

Model*	Operating Weight**	Weight at Drum	Drum Width	Engine	Rated Power
CP433E	7390 kg	3865 kg	1676 mm	3054C	75 kW (102 hp)
CP44	7635 kg	4310 kg	1676 mm	C4.4 w/ACERT	75 kW (102 hp)
CP533E	11 680 kg	6300 kg	2130 mm	3054C	97 kW (132 hp)
CP54	11 530 kg	6180 kg	2130 mm	C4.4 w/ACERT	97 kW (132 hp)
CP56	12 450 kg	6702 kg	2130 mm	C6.6 w/ACERT	116 kW (158 hp)
CP64	14 545 kg	8802 kg	2130 mm	C6.6 w/ACERT	116 kW (158 hp)
CP74	15 565 kg	9898 kg	2130 mm	C6.6 w/ACERT	116 kW (158 hp)
CP76	17 125 kg	10 895 kg	2130 mm	C6.6 w/ACERT	130 kW (177 hp)

Vibratory System

Frequency	Standard High Amp	Optional Variable Frequency
CP433E, 533E, 44, 56, 64	31.9 Hz	23.3-31.9 Hz
CP 54	31 Hz	23.3-31 Hz
CP74, 76	30 Hz	23.3-30 Hz

Nominal Amplitude	High	Low
CP433E	1.55 mm	0.78 mm
CP44	1.59 mm	0.80 mm
CP533E, 54	1.7 mm	0.85 mm
CP56, 64, 74	1.8 mm	0.9 mm
CP76	1.8 mm	0.9 mm

* Not all models are available in all markets.

** Operating Weights are approximate and include ROPS/FOPS cab, AC, coolant, lubricants, full fuel tank and 75 kg operator.

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

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

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