

# CS

## Smooth 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.



### Technology to Maximize Productivity

#### AccuGrade™ Compaction

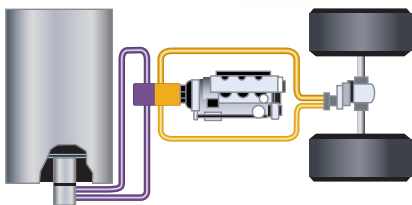
- Intelligent, semi-automated system that documents completed work
- Digital documentation provides peace-of-mind
- Enables operator to produce uniform, quality compaction results
- Integrates with other Cat equipment
- Supported by Cat dealers

#### Compaction Gauge

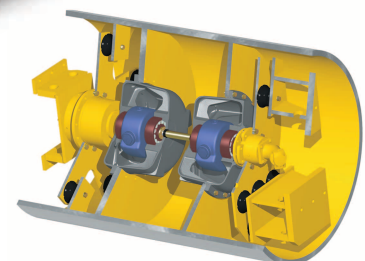
- Provides realtime indication of compaction
- Operator can detect poorly compacted areas

### 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.



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 padfoot shell kit and leveling blade options are 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
CS423E	7240 kg	3510 kg	1676 mm	3054C	62 kW (84 hp)
CS433E	7240 kg	3510 kg	1676 mm	3054C	75 kW (102 hp)
CS44	7240 kg	3510 kg	1676 mm	C4.4 w/ACERT	75 kW (102 hp)
CS533E	10 840 kg	5760 kg	2130 mm	3054C	97 kW (132 hp)
CS533E XT	12 360 kg	7030 kg	2130 mm	3054C	97 kW (132 hp)
CS54	10 840 kg	5760 kg	2130 mm	C4.4 w/ACERT	97 kW (132 hp)
CS54 XT	12 360 kg	7030 kg	2130 mm	C4.4 w/ACERT	97 kW (132 hp)
CS56	12 500 kg	6702 kg	2130 mm	C6.6 w/ACERT	116 kW (158 hp)
CS64	14 470 kg	8981 kg	2130 mm	C6.6 w/ACERT	116 kW (158 hp)
CS74	15 685 kg	10 150 kg	2130 mm	C6.6 w/ACERT	116 kW (158 hp)
CS76	16 990 kg	10 811 kg	2130 mm	C6.6 w/ACERT	130 kW (177 hp)
CS76 XT	17 420 kg	11 690 kg	2130 mm	C6.6 w/ACERT	130 kW (177 hp)
CS76 XT	18 845 kg	13 165 kg	2130 mm	C6.6 w/ACERT	130 kW (177 hp)

### Vibratory System

Frequency	Standard High/Low Amp	Optional Variable Frequency
CS423E, 433E, 44, 56, 64	31.9/— Hz	23.3-31.9 Hz
CS533E, 54, 54 XT	31/34 Hz	23.3-31 Hz
CS74, 76, 76 XT	30/— Hz	23.3-30 Hz

Nominal Amplitude	High	Low
CS423E, 433E, 44	1.67 mm	0.84 mm
CS533E, 533 XT, 54, 54 XT	1.80 mm	0.85 mm
CS56, 64, 74, 76, 76 XT	1.80 mm	0.90 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](http://www.cat.com)

QEXQ2132 (10/2010)

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

© 2010 Caterpillar – All rights reserved

Cat, Caterpillar, their respective logos, "Caterpillar Yellow" and the POWER EDGE trade dress as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

