

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

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



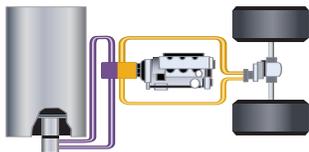
Technology to Maximize Productivity

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



Cat Dual Pump
Propel 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 installed
- Dual-pump design more efficient than single-pump/traction control designs

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



Cat Pod-style
Vibratory System



CS Vibratory Soil Compactor Specifications

Model*	Operating Weight**		Weight at Drum		Drum Width	Engine	Rated Power
CS423E	7240 kg	(15,961 lb)	3510 kg	(7,738 lb)	1676 mm (66")	3054C	62 kW (83 hp)
CS433E	7240 kg	(15,961 lb)	3510 kg	(7,738 lb)	1676 mm (66")	3054C	75 kW (100 hp)
CS44	7240 kg	(15,961 lb)	3510 kg	(7,738 lb)	1676 mm (66")	C4.4 w/ACERT	75 kW (100 hp)
CS533E	10 840 kg	(23,898 lb)	5760 kg	(12,699 lb)	2130 mm (84")	3054C	97 kW (130 hp)
CS54	10 840 kg	(23,898 lb)	5760 kg	(12,699 lb)	2130 mm (84")	C4.4 w/ACERT	97 kW (130 hp)
CS56	11 741 kg	(25,885 lb)	5976 kg	(13,175 lb)	2130 mm (84")	C6.6 w/ACERT	116 kW (156 hp)
CS64	14 470 kg	(31,901 lb)	8981 kg	(19,800 lb)	2130 mm (84")	C6.6 w/ACERT	116 kW (156 hp)
CS74	15 687 kg	(34,584 lb)	10 150 kg	(22,377 lb)	2130 mm (84")	C6.6 w/ACERT	116 kW (156 hp)
CS76	16 990 kg	(37,457 lb)	10 811 kg	(23,834 lb)	2130 mm (84")	C6.6 w/ACERT	130 kW (174 hp)
CS76 XT	18 843 kg	(41,542 lb)	13 162 kg	(29,017 lb)	2130 mm (84")	C6.6 w/ACERT	130 kW (174 hp)

Vibratory System

Frequency	Standard High Amp	Standard Low Amp	Optional Variable Frequency
CS423E, 433E, 44, 56, 64	31.9 Hz (1914 vpm)	–	23.3-31.9 Hz (1400-1914 vpm)
CS533E, 54	31 Hz (1860 vpm)	34 Hz (2040 vpm)	23.3-31 Hz (1400-1860 vpm)
CS74, 76, 76 XT	30 Hz (1800 vpm)	–	23.3-30 Hz (1400-1800 vpm)

Nominal Amplitude	High	Low
CS423E, 433E, 44	1.67 mm (0.066")	0.84 mm (0.033")
CS533E, 54	1.8 mm (0.071")	0.85 mm (0.033")
CS56, 64, 74	1.8 mm (0.070")	0.9 mm (0.035")
CS76, 76 XT	1.8 mm (0.071")	0.9 mm (0.035")

* 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 (165 lb) 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/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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