



**CS-663E**

**CP-663E**

**CS-683E**

**Vibratory Soil  
Compactors**



**Cat® 3056E Turbocharged Diesel Engine**

<b>Gross Power</b>	<b>129 kW</b>	<b>173 hp</b>
<b>Drum Width</b>	<b>2134 mm</b>	<b>84"</b>

**Operating Weight (with ROPS/FOPS cab)**

<b>CS-663E</b>	<b>17 100 kg</b>	<b>37,710 lb</b>
<b>CP-663E</b>	<b>16 800 kg</b>	<b>37,050 lb</b>
<b>CS-683E</b>	<b>18 800 kg</b>	<b>41,460 lb</b>

## Reliability, Serviceability and Comfort in a Durable Package

*The CS-663E, CP-663E and CS-683E Soil Compactors have been designed to offer enhanced production capabilities, simplified service and exceptional operator comfort.*

### Vibratory System

Pod-style eccentric weights ensure peak compaction performance and minimal service. High dynamic force helps achieve density in the fewest number of passes.

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### Engine

- ✓ *Cat 3056E turbocharged electronic diesel engine delivers 129 kW (173 hp) and is built for performance and reliability without sacrificing fuel economy.*

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### Dual Propel Pumps

The exclusive dual propel pump system provides separate, balanced hydraulic flow to both the rear drive axle and the front drum drive motor for excellent machine control and increased tractive effort in loose or poor underfoot conditions.

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## Setting industry standards... again.

*Durable Cat powertrain, field-proven hydraulic and vibratory systems and the world's largest and most dedicated dealer support system ensure the 600E-Series Soil Compactors will provide maximum utilization.*

✓ *New feature*



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### Visibility

The one-piece sloped hood design provides exceptional operator visibility to the outside edge of the rear tires and to the rear of the machine.

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### Operator's Station

The 600E-Series Soil Compactors feature excellent operator comfort and visibility. A tilting steering column, propel lever wrist rest, grouped control gauges and conveniently located control switches enhance operator productivity and reduce fatigue. Four heavy-duty isolation mounts provide a smooth ride. Standard rearview mirrors, two front-facing and two rear-facing working lights are provided. *New steering wheel with integrated center horn function and steering knob helps reduce operator fatigue.*

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### Versatility

Standard dual amplitude expands the compactor's application range. The large spread between high and low centrifugal force makes it easier to tailor the compactive effort to density specifications.

**Page 4**

- ✓ *The optional padfoot shell kit makes the CS-663E and CS-683E an extremely adaptable machine when compacting cohesive or semi-cohesive materials.*

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### Serviceability

The one-piece fiberglass hood tilts forward to allow access to the engine and daily maintenance points. Daily check points are accessible from ground level. Rear mounted cooling system allows easy access for cleaning. The hydraulic oil cooler tilts down for convenient access and easier cleaning. Steps to the operator's platform swing-out for easier access to hydraulic components and oil filters. The operator's platform tilts forward to provide convenient access to the hydraulic components. Vibratory bearing lube service interval of 3 year/3000 hour keeps maintenance to a minimum and maximizes production. The articulation hitch area features sealed-for-life bearings that never need maintenance.

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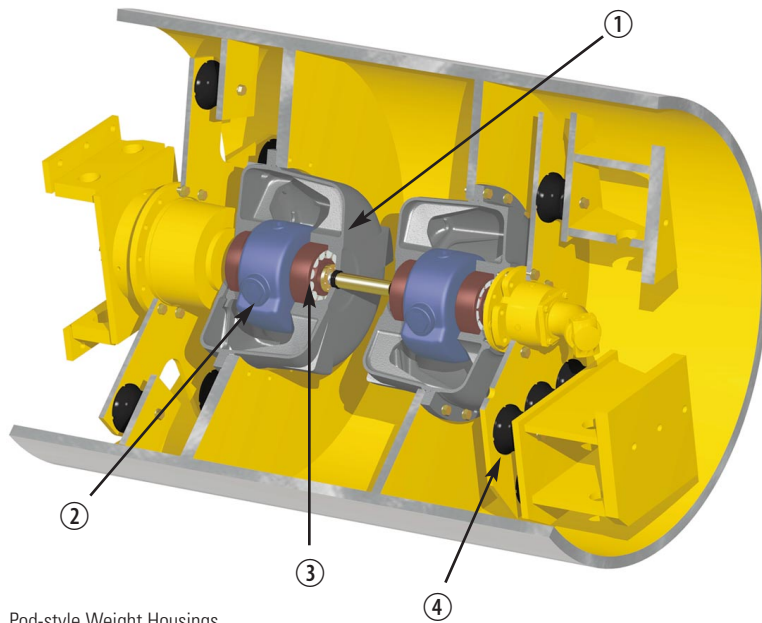


## Comfort and serviceability you deserve.

*The operator's station provides a comfortable and easy-to-use environment that promotes productive operation. Simplified service access and extended service intervals minimizes maintenance time and increases productive work time.*

## Vibratory System

*The pod-style weight system delivers superior compactive force while offering serviceability advantages.*



- 1 Pod-style Weight Housings
- 2 Patented Eccentric Weights
- 3 Heavy-duty Bearings
- 4 Isolation Mounts

**Pod-style weight housings** are assembled and sealed at the factory to ensure cleanliness, longer bearing life and easier field exchange or service.

**Dual amplitude** works efficiently in a wider range of applications. High or low amplitude is selected from the operator's station.

**Vibratory frequency** of 30 Hz (1800 vpm) for high compaction results. Optional variable frequency control available with a frequency range from 23.3 - 30 Hz (1400 - 1800 vpm) allows frequency to be better matched to varying job conditions.

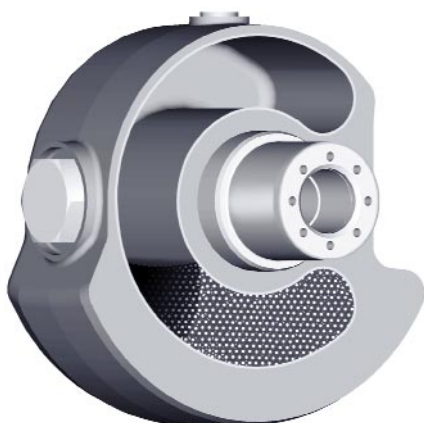
**Large heavy-duty bearings** for the eccentric weight shaft designed for high compactive forces.

**3 year/3000 hour** vibratory bearing lube service interval for reduced maintenance.

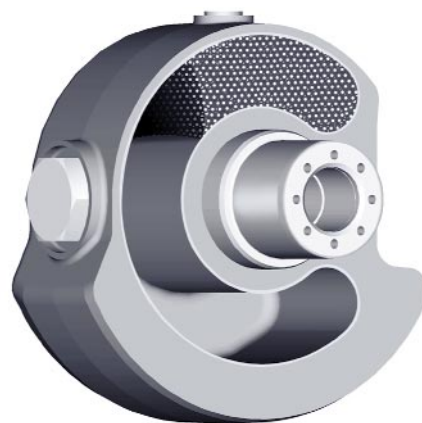
## Patented Eccentric Weights

*Reliable dual amplitude selection and innovative design ensure precise performance.*

High Amplitude



Low Amplitude



**Positive amplitude selection** is accomplished when the steel shot is repositioned inside the hollow eccentric weight. Direction of weight shaft rotation determines amplitude level.

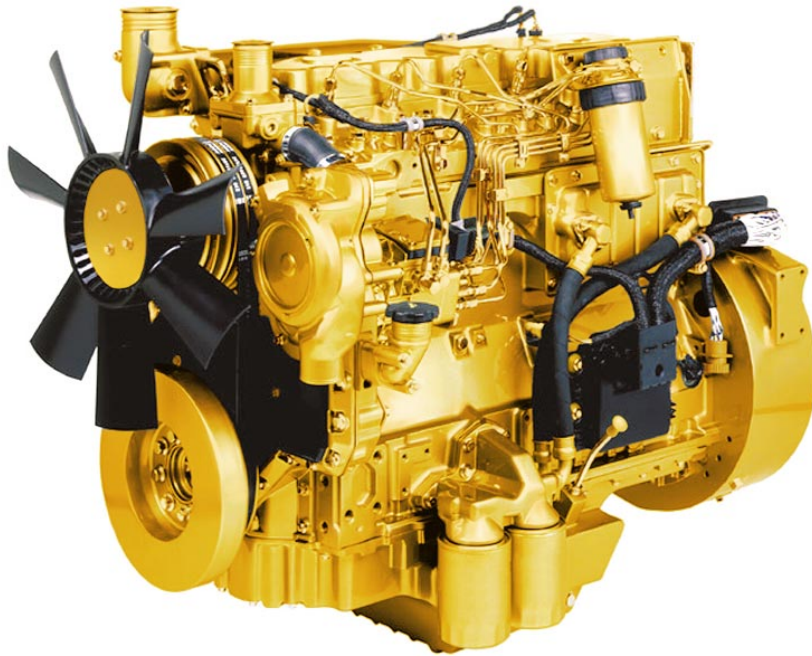
**High reliability** since there is no chance of the high-strength spherical steel shot wedging together. System reliability is superior to swinging mechanical weights and is also quieter during starts and stops.

**Simplified control** from the operator's station with a selection switch on the operator's console.

**Longer service life** no heavy weights to slam together, no metal fragments to contaminate the bearing lubrication system.

## Caterpillar® 3056E Turbocharged Electronic Diesel Engine

*Industry-proven Caterpillar technology designed to provide unmatched performance, reliability and fuel economy with ample power for the most demanding jobs.*



**Turbocharged air-to-air aftercooling** provides improved fuel economy by packing cooler, denser air into cylinders for more complete combustion of fuel and lower emissions.

**Electronic Control Module (ECM)** provides improved emissions and optimal performance through electronic timing and fuel delivery along with advanced troubleshooting and diagnostic capabilities using Electronic Technician (Cat ET).

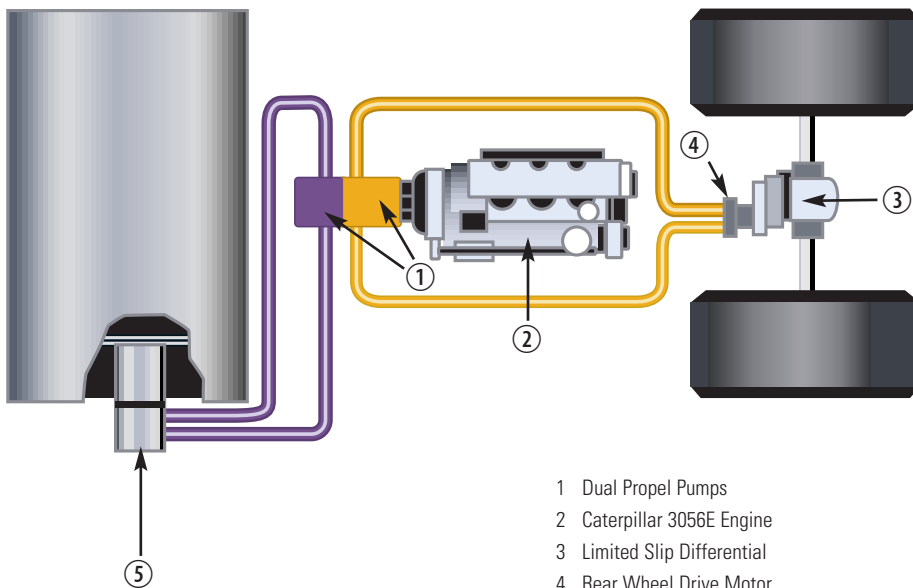
**Highly-efficient combustion chamber** increases power while lowering fuel consumption, engine emissions and noise.

**High displacement-to-power ratio** ensures long life and provides outstanding reliability and durability.

**Large oil cooler** reduces oil deterioration and varnishing of internal components. Allows for 500 hour engine oil change intervals.

## Dual Pump Propel System

*Good tractive effort and gradeability for outstanding productivity in demanding applications.*



- 1 Dual Propel Pumps
- 2 Caterpillar 3056E Engine
- 3 Limited Slip Differential
- 4 Rear Wheel Drive Motor
- 5 Drum Drive Motor

**Dual propel pumps** provide separate, balanced hydraulic flow to the rear wheel axle and the drum drive motors. Provides good gradeability on low to moderate slopes and increases tractive effort in loose or poor underfoot conditions.

**Limited slip differential** provides balanced tractive effort and smooth torque transfer to both rear wheels.

**Two speed ranges** for versatile operation. Low speed range for vibratory operation and maximum torque when climbing grades. High speed range moves machine quickly over longer distances.

**Flushing valves** in each propel circuit helps keep hydraulic oil cool and clean for maximum system efficiency.

## Operator's Station

*Ergonomically designed for maximum operator productivity while offering excellent visibility and unmatched comfort.*



**Steering console and instrumentation gauges** are infinitely adjustable within the tilt range to the desired position of the operator. Entire console tilts for simple entrance and exit.

**Single lever control** for propel and vibratory On/Off provides simple and low effort operation. A padded adjustable wrist rest provides comfort.

**Comfortable and durable seat** has adjustable fore/aft position, bottom cushion height, suspension stiffness and flip-up arm rests with a 76 mm (3") wide retractable seat belt.

**Isolated operator's station** with four heavy-duty rubber mounts limits machine vibration transmitted to the operator's station.

**Rubber floor mat** provides sure footing and helps further isolate the operator from machine vibration and noise.

## One-Piece Sloped Hood Design

*The one-piece sloped fiberglass hood design provides excellent service access and exceptional operator visibility.*



**Visibility** to the tire edges and rear of machine is exceptional. The sloped hood allows the operator to see obstacles measuring 1 meter (3' 3") high located 1 meter (3' 3") to the rear of the machine. Excellent visibility increases productivity when working near obstructions or maneuvering around the job site.

**One-piece lockable engine hood** opens quickly and easily with the use of gas struts to provide unrestricted access to the engine, cooling system and all service points.

**Low sound levels** for the operator and the ground crew due to the one-piece engine hood and cooling air flow through the rear mounted radiator.

## Reliability and Serviceability

*The 600E-Series Soil Compactors continue to provide exceptional reliability and serviceability that you've come to expect from Caterpillar.*



**Visual indicators** allow easy check of engine coolant, hydraulic oil tank level and air filter restriction.

**Swing-out steps** allows easy access to hydraulic components and oil filters.

**Operator's station tilts forward** to allow convenient access to the hydraulic pumps.

**Rear mounted cooling system** provides easy access for cleaning. Hydraulic oil cooler tilts rearward for additional access to the radiator.

**Sealed-for-life bearings** in the articulation hitch never need to be greased.

**500 hour engine oil change interval.**

**3 year/3000 hour** vibratory bearing lube service interval for reduced maintenance.

**Quick connect hydraulic test ports** simplify system diagnostics.

**Ecology drains** provide an environmental method to drain fluids. They are included on the radiator, engine oil pan, hydraulic and fuel tank.

**S•O•S<sup>SM</sup> (Scheduled Oil Sampling) ports** allow for simple fluid collection of engine and hydraulic oil.

**Secure hose routing** with polyethylene mounting blocks to reduce rubbing and increase service life.

**Nylon braided wrap and all-weather connectors** ensure electrical system integrity. Electrical wiring is color-coded, numbered and labeled with component identifiers to simplify troubleshooting.

**Maintenance-free Caterpillar batteries** are protected by bolt-on covers in the rear of the machine on both sides. Caterpillar batteries are specifically designed for maximum cranking power and protection against vibration.

**Machine is Product Link wire-ready.** The Caterpillar Product Link System (CPLS) ensures maximum uptime and minimum repair costs by simplifying tracking of equipment fleets. Provides automatic machine location and hour updates. Can be obtained through your local Caterpillar dealer.



*The one-piece fiberglass hood tilts forward for exceptional access to the engine and cooling system. Daily service points are accessible from ground level and are grouped on one side of the machine.*

## Drum and Vibratory System Specifications

Drum width	2134 mm	84"
Drum shell thickness		
CP-663E	40 mm	1.6"
CS-663E/CS-683E	40 mm	1.6"
Drum diameter		
CP-663E	1295 mm	51"
CS-663E/CS-683E	1524 mm	60"
Drum diameter (over pads) CP-663E	1549 mm	61"
Pads (CP-663E only)		
Number of pads	140	
Pad height	127 mm	5"
Pad face area	89.4 cm <sup>2</sup>	13.9 in <sup>2</sup>
Number of chevrons	14	
Eccentric weight drive	Hydrostatic	

### Weight at Drum (with ROPS/FOPS canopy)

CP-663E	11 200 kg	24,690 lb
CS-663E	11 470 kg	25,290 lb
CS-683E	13 200 kg	29,100 lb

### Static Linear Load\*

CS-663E	54.4 kg/cm	305 lb/in
CS-683E	62.3 kg/cm	349 lb/in

\*Meets NFP 98736 class: VM5

### Frequency

Standard	30 Hz	1800 vpm
Optional	23.3 - 30 Hz	1400 - 1800 vpm

### Nominal Amplitude

High	1.8 mm	0.070"
Low	0.9 mm	0.035"

### Centrifugal Force @ 30 Hz (1800 vpm)

Maximum	332 kN	74,600 lb
Minimum	166 kN	37,300 lb

## Engine

Four-stroke cycle, six cylinder Caterpillar 3056E electronic turbocharged low emissions diesel engine. Meets U.S. EPA Tier II and European EU Stage 2 emissions control standards worldwide.

Ratings at	RPM	kW	hp
Gross power	2200	129	173

Ratings of Caterpillar machine engines are based on standard air conditions of 25°C (77°F) and 100 kPa (29.61" Hg) dry barometer. Power is based on using API gravity of 35 at 15°C (60°F), fuel having a LHV of 42 780 kJ/kg (18,390 Btu/lb) used at 30°C (86°F) [ref. a fuel density of 838.9 g/L (7.001 lb/U.S. gal)]. Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler and alternator.

No derating required up to 3000 m (9900') altitude.

The following ratings apply at 2200 RPM when tested under the specified standard conditions:

Net Power	kW	hp
EEC 80/1269	123	165
ISO 9249	123	165
SAE J1349	122	163

### Dimensions

Bore	100 mm	3.94"
Stroke	127 mm	5"
Displacement	5.98 liters	365 cu. in.

Dual-element, dry-type air cleaner with visual restriction indicator, thermal starting aid and fuel/water separator are standard.

## Transmission

Two variable displacement piston pumps supply pressurized flow to two dual displacement piston motors. One pump and motor drives the drum propel system while the other pump and motor drives the rear wheels. The dual pump system ensures equal flow to the drive motors regardless of the operating conditions. In case the drum or wheels lose traction, the other motor can still build additional pressure to provide added torque.

The drive motors have two swashplate positions allowing operation at either maximum torque for compaction and gradeability or greater speed for moving around the job site. A rocker switch at the operator's console triggers an electric over hydraulic control to change speed ranges.

### Speeds (forward and reverse):

CS-663E/CS-683E	
Low Range	5.7 km/h – 3.5 mph
High Range	11.3 km/h – 7.0 mph
CP-663E	
Low Range	5.7 km/h – 3.5 mph
High Range	11.4 km/h – 7.1 mph

## Final Drives and Axle

Final drive is hydrostatic with gear reducer to the drum and hydrostatic with differential and planetary gear reduction to each wheel.

### Axle:

Heavy-duty fixed rear axle with a limited slip differential for smooth and quiet torque transfer.

### Tires:

CS-663E/CS-683E: 587 mm (23.1") x 660 mm (26") 12-ply flotation  
 CP-663E: 587 mm (23.1") x 660 mm (26") 12-ply traction



## Operator and Machine Protective Equipment

**Roll Over Protective Structure/Falling Object Protective Structure (ROPS/FOPS)** canopy is a four-post structure that bolts directly onto flanges welded to the operator platform. The structure meets SAE J1040 May94, SAE J231 Jan81, ISO 3449-1992 and ISO 3471-1994. This structure may be an option in some areas and standard in others. Consult your dealer for specifics.

**Backup Alarm** — 107 dB(A) alarm sounds whenever the machine is in reverse.

**Forward Warning Horn** — located on the front of machine to alert ground personnel.

**Seat Belt** — 76 mm (3") wide seat belt is standard.

## Instrumentation

Electronic Control Module (ECM) constantly monitors condition of the engine. Alerts the operator if a problem does occur with three levels of warning. Warning system includes: Action Alarm and Lamp, Low Engine Oil Pressure, High Engine Coolant Temperature, High Hydraulic Oil Temperature, Low Charge Pressure, Starting Aid and High Combustion Air Temperature. Instrumentation also includes an Alternator Malfunction Light, Check Engine/Electrical Fault, Service Hour Meter and Fuel Gauge.

## Total Customer Support System

**Service capability** — most dedicated dealer support system to ensure fast service whether at the dealer's shop or in the field by trained technicians using the latest tools and technology.

**Parts availability** — most parts on dealer's shelf when you need them. Computer-controlled, emergency search system backup.

**Parts stock lists** — dealer helps you plan on-site parts stock to minimize your parts investment while maximizing machine availability.

**Literature support** — easy-to-use parts books, operation and maintenance manuals and service manuals to help you get maximum value from your Caterpillar equipment.

## Electrical

The 24-volt electrical system consists of two maintenance-free Cat batteries, electrical wiring is color-coded, numbered, wrapped in vinyl-coated nylon braid and labeled with component identifiers. The starting system provides 750 cold cranking amps (cca). The system includes a 55-amp alternator.

## Service Refill Capacities

	Liters	Gallons
Fuel tank	300	79
Total capacity	330	87
Cooling system	26	6.9
Engine oil w/filter	12.1	3.2
Eccentric weight housings	24	6.3
Axle & final drives	28	7.3
Hydraulic tank	64	16.9
Filtration system (pressure type)		
Propel	15 micron absolute	
Vibratory	15 micron absolute	

## Frame

Fabricated from heavy gauge steel plate and rolled sections and joined to the drum yoke at the articulation pivot. Articulation area is structurally reinforced and joined by hardened steel pins. One vertical pin provides a steering angle of  $\pm 34^\circ$  and a horizontal pin allows frame oscillation of  $\pm 15^\circ$ . Safety lock prevents machine articulation when placed in the locked position. Sealed-for-life hitch bearings never need maintenance. Frame also includes tie-down points for transport.

## Brakes

### Service brake features

- Closed-loop hydrostatic drive system provides dynamic braking during operation.

### Secondary brake features\*

- Spring-applied/hydraulically-released multiple disc type brake mounted on the drum drive gear reducer and within the rear axle. Secondary brakes are activated by: a button on the operator's console; loss of hydraulic pressure in the brake circuit; or when the engine is shut down. A brake interlock system helps prevent driving through the secondary brake.

\*Braking system meets SAE J1472 and EN 500.

## Steering

A priority-demand hydraulic power-assist steering system provides smooth low-effort steering. The system always receives the power it needs regardless of other hydraulic functions.

### Minimum turning radius:

Inside	3.68 m (12' 1")
Outside	5.81 m (19' 1")

### Steering angle:

(each direction)  $\pm 34^\circ$

### Oscillation angle:

(each direction)  $\pm 15^\circ$

### Hydraulic system:

Two 76 mm (3") bore, double-acting cylinders powered by a gear-type pump.

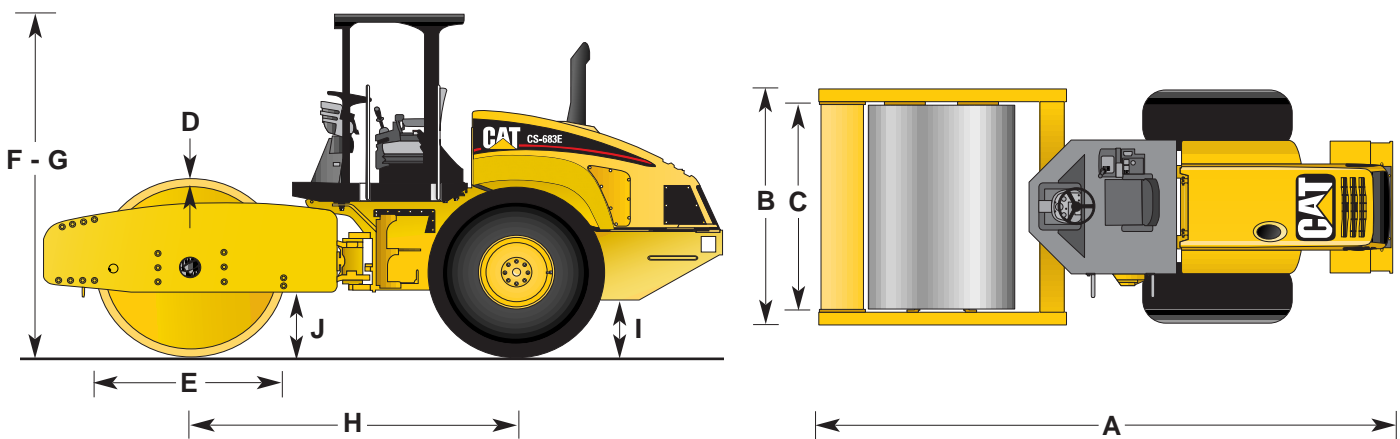
**Remanufactured parts** — pumps and motors, pod-style weight housings, engines, fuel system and charging system components available from dealer at a fraction of new part cost.

**Machine management services** — effective preventive maintenance programs, cost-effective repair options, customer meetings, operator and mechanic training.

**Flexible financing** — your dealer can arrange attractive financing on the entire line of Caterpillar equipment. Terms structured to meet cash flow requirements. See how easy it is to own, lease or rent Cat equipment.

## Dimensions

	CS-663E		CP-663E		CS-683E	
A Overall length	6.00 m	(19' 8")	6.00 m	(19' 8")	6.00 m	(19' 8")
B Overall width	2.36 m	(7' 9")	2.36 m	(7' 9")	2.46 m	(8' 1")
C Drum width	2.13 m	(7')	2.13 m	(7')	2.13 m	(7')
D Drum shell thickness	40 mm	(1.6")	40 mm	(1.6")	40 mm	(1.6")
E Drum diameter	1524 mm	(60")	1295 mm	(51")	1524 mm	(60")
Drum diameter over pads	—	—	1549 mm	(61")	—	—
F Height at ROPS/FOPS canopy	3.02 m	(9' 11")	3.10 m	(10' 2")	3.02 m	(9' 11")
G Height at ROPS/FOPS cab	3.02 m	(9' 11")	3.10 m	(10' 2")	3.02 m	(9' 11")
H Wheelbase	2.90 m	(9' 6")	2.90 m	(9' 6")	2.90 m	(9' 6")
I Ground clearance	442 mm	(17.4")	450 mm	(17.7")	442 mm	(17.4")
J Curb clearance	495 mm	(19.5")	503 mm	(19.8")	495 mm	(19.5")
Inside turning radius	3.68 m	(12' 1")	3.68 m	(12' 1")	3.68 m	(12' 1")
Outside turning radius	5.81 m	(19' 1")	5.81 m	(19' 1")	5.81 m	(19' 1")



## Operating Weights

Weights shown are approximate and include lubricants, coolant, full fuel and hydraulic tanks and a 80 kg (175 lb) operator.

Machine Weights	CS-663E		CP-663E		CS-683E	
with open platform	16 400 kg	36,200 lb	16 200 kg	35,760 lb	18 200 kg	40,170 lb
with ROPS/FOPS canopy	16 700 kg	36,820 lb	16 500 kg	36,375 lb	18 500 kg	40,785 lb
equipped with padfoot shell kit	18 360 kg	40,530 lb	—	—	20 160 kg	44,500 lb
with ROPS/FOPS cab	17 100 kg	37,710 lb	16 800 kg	37,050 lb	18 800 kg	41,460 lb
Weight at Drum						
with open platform	11 360 kg	25,055 lb	11 100 kg	24,460 lb	13 100 kg	28,870 lb
with ROPS/FOPS canopy	11 470 kg	25,290 lb	11 200 kg	24,690 lb	13 200 kg	29,100 lb
equipped with padfoot shell kit	13 105 kg	28,895 lb	—	—	14 835 kg	32,715 lb
with ROPS/FOPS cab	11 600 kg	25,580 lb	11 300 kg	24,920 lb	13 300 kg	29,330 lb

# CS-663E, CP-663E and CS-683E Specifications

Operating Weights (with ROPS/FOPS)	CS-663E		CP-663E		CS-683E	
Machine	16 700 kg	36,820 lb	16 500 kg	36,375 lb	18 500 kg	40,785 lb
at drum	11 470 kg	25,290 lb	11 200 kg	24,690 lb	13 200 kg	29,100 lb
Static linear load (at drum)	54.4 kg/cm	305 lb/in	—	—	62.3 kg/cm	349 lb/in

## Machine Dimensions

Overall length	6.00 m	(19' 8")	6.00 m	(19' 8")	6.00 m	(19' 8")
Overall width	2.36 m	(7' 9")	2.36 m	(7' 9")	2.46 m	(8' 1")
Overall height at ROPS/FOPS canopy	3.02 m	(9' 11")	3.10 m	(10' 2")	3.02 m	(9' 11")
Wheelbase	2.90 m	(9' 6")	2.90 m	(9' 6")	2.90 m	(9' 6")
Ground clearance	442 mm	(17.4")	450 mm	(17.7")	442 mm	(17.4")
Curb clearance	495 mm	(19.5")	503 mm	(19.8")	495 mm	(19.5")
Inside turning radius	3.68 m	(12' 1")	3.68 m	(12' 1")	3.68 m	(12' 1")

## Drum Dimensions

Drum width	2.13 m	(7')	2.13 m	(7')	2.13 m	(7')
Drum shell thickness	40 mm	(1.6")	40 mm	(1.6")	40 mm	(1.6")
Drum diameter	1524 mm	(60")	1295 mm	(51")	1524 mm	(60")
Drum diameter over pads	—	—	1549 mm	(61")	—	—
Number of pads	—	—	140	—	—	—
Pad height	—	—	127 mm	(5")	—	—
Pad face area	—	—	89.4 cm <sup>2</sup>	13.9 in <sup>2</sup>	—	—

## Vibratory System

Frequency	Standard		Standard		Standard	
	30 Hz	1800 vpm	30 Hz	1800 vpm	30 Hz	1800 vpm
Nominal amplitude	High		High		High	
	1.8 mm	0.070"	1.8 mm	0.070"	1.8 mm	0.070"
	Low		Low		Low	
	0.9 mm	0.035"	0.9 mm	0.035"	0.9 mm	0.035"
	High (with padfoot shell kit)		High (with padfoot shell kit)		High (with padfoot shell kit)	
	1.3 mm	0.051"	—	—	1.3 mm	0.051"
	Low (with padfoot shell kit)		Low (with padfoot shell kit)		Low (with padfoot shell kit)	
	0.6 mm	0.024"	—	—	0.6 mm	0.024"
Centrifugal force @ 30 Hz (1800 vpm)	Maximum		Maximum		Maximum	
	332 kN	74,600 lb	332 kN	74,600 lb	332 kN	74,600 lb
	Minimum		Minimum		Minimum	
	166 kN	37,300 lb	166 kN	37,300 lb	166 kN	37,300 lb
	Maximum (with padfoot shell kit)		Maximum (with padfoot shell kit)		Maximum (with padfoot shell kit)	
	332 kN	74,600 lb	—	—	332 kN	74,600 lb
	Minimum (with padfoot shell kit)		Minimum (with padfoot shell kit)		Minimum (with padfoot shell kit)	
	166 kN	37,300 lb	—	—	166 kN	37,300 lb

## Power Train

Engine	3056E		3056E		3056E	
Gross power	129 kW	173 hp	129 kW	173 hp	129 kW	173 hp
Speeds	High range		High range		High range	
	11.3 km/h	7.0 mph	11.4 km/h	7.1 mph	11.3 km/h	7.0 mph
	Low range		Low range		Low range	
	5.7 km/h	3.5 mph	5.7 km/h	3.5 mph	5.7 km/h	3.5 mph
Axle (differential)	Limited Slip		Limited Slip		Limited Slip	
Tire size	23.1 x 26"		23.1 x 26"		23.1 x 26"	

## Miscellaneous

Electrical system	24 VDC		24 VDC		24 VDC	
Articulation angle	± 34°		± 34°		± 34°	
Oscillation angle	± 15°		± 15°		± 15°	
Fuel capacity	330 liters	87 gal	330 liters	87 gal	330 liters	87 gal

## Optional Equipment

- ROPS/FOPS Cab
- Air Conditioning
- Roll-Down Sun Screen
- Sun Visor
- Cab Rear View Mirrors
- Rotating Beacon
- Vibratory Gauge
- Variable Frequency
- Transmission Guard
- Polyurethane Drum Scrapers
- Padfoot Shell Kit
- Compaction Indicator
- Smooth Drum Rear Steel Scraper
- Operator Platform Lift Cylinder

# Caterpillar offers a comprehensive line of vibratory soil compactors.

Contact your local Caterpillar dealer to learn more about the complete line of Caterpillar Paving Products.



## The 500E-Series Soil Compactors

### Operating Weight (with ROPS/FOPS)

CS-563E	11 120 kg	24,520 lb
CP-563E	11 555 kg	25,479 lb
CS-573E	13 570 kg	29,922 lb
CP-573E	13 750 kg	30,319 lb
CS-583E	15 100 kg	33,296 lb
CP-583E	15 235 kg	33,593 lb
Drum Width	2.13 m	7'
Gross Power	112 kW	150 hp



## The 400E-Series Soil Compactors

### Operating weight (with ROPS/FOPS)

CS-423E	6640 kg	14,635 lb
CS-433E	6640 kg	14,635 lb
CP-433E	6880 kg	15,170 lb
Drum Width	1.67 m	5' 6"
Gross Power		
CS-423E	60 kW	80 hp
CS/CP-433E	75 kW	100 hp



## The 300C-Series Soil Compactors

### Operating weight (with ROPS/FOPS)

CS-323C	4540 kg	9,985 lb
CP-323C	4745 kg	10,440 lb
Drum Width	1.27 m	4' 2"
Gross Power	52 kW	70 hp

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QEHQ9854-01 (4/03)  
Replaces QEHQ9854

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Materials and specifications are subject to change without notice.

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