



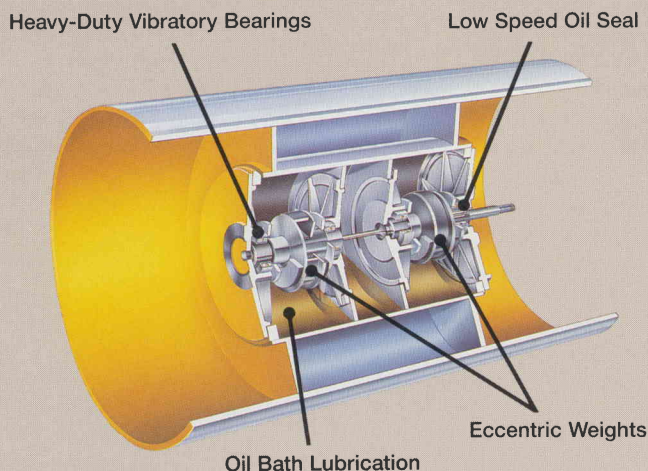
High Performance Compaction...

...it's what you expect from Caterpillar.

CS-563

We're confident in the future

All the elements that have made Cat products the standards of the construction industry are in place. Careful research and planning. An experienced engineering staff. Strict quality control. And tough testing standards. It's what we



A Patented Eccentric Weight System.

On high performance compactors, no other system has such high demands placed on it as the vibratory system. That's why we took special care to develop a better eccentric weight arrangement.

The two weights are hollow and partially filled with steel shot. When the weights rotate clockwise, the steel shot moves to the heavy side of the eccentric weight and centrifugal force is increased. Counter-clockwise rotation moves the shot to the light side for less force. It works every time. No weights to wedge against each other. No metal chips in the weight housing. Just a simple, reliable system.

Four heavy duty weight support bearings stand up to hard work. There's oil bath lubrication of the eccentric shaft and bearings for reduced maintenance. And, low speed oil seals protect the integrity of the weight housing.

Dual Amplitude for Versatility.

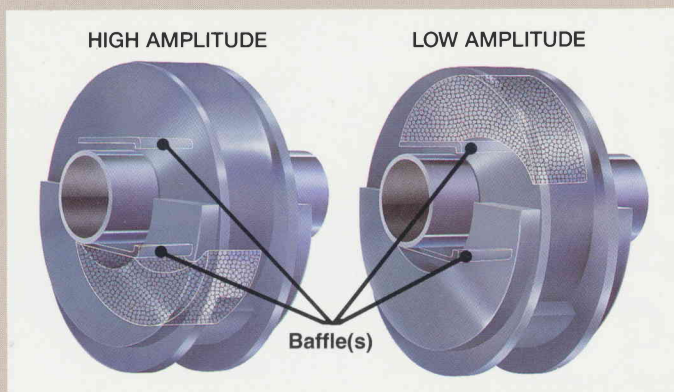
We've broadened the application range by making dual amplitude a standard feature on the 563 Compactors. High amplitude produces centrifugal force of 50,000 pounds. That's the kind of compactive effort you need to get density in the fewest passes. You save time on soil compaction and keep other equipment moving efficiently.

At the flip of a switch in the operator's station, low amplitude of 35,000 pounds is created. You don't need to bring in a smaller compactor to work on thin lifts, or to avoid fracturing aggregate or to work next to foundations. On some jobs, a 563 may take the place of two machines. You save money.

Variable Frequency — a Special Feature.

Not all soils are the same. Sometimes, you have to reduce vibratory frequency to get the best results. On competitive soil compactors, you vary frequency by reducing engine rpm. That lowers working speed and engine torque. And lowers production.

On 563 Compactors, you vary frequency by adjusting a dial. That changes the output of the vibratory pump without affecting engine rpm. You operate the machine the way it's designed to run — at full throttle. Best results and most cubic yards per hour production.



e of the **CS-563** and **CP-563**.

CP-563



always do when we introduce a new model. And it always pays off in customer satisfaction. For over 80 years, buyers' preference has made us number one.

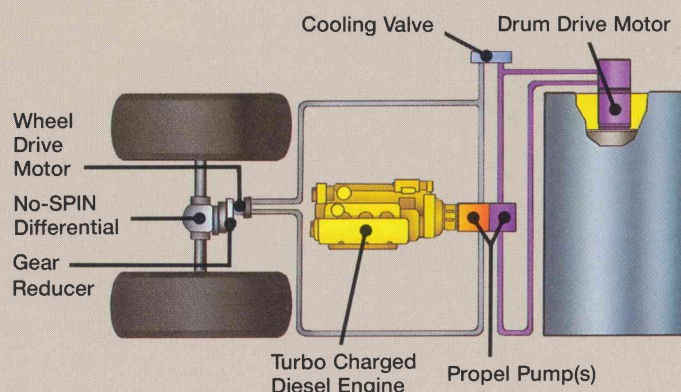
The 563 Compactors are ready. We're confident.

Dual Propel Pumps for Better Traction.

One pump for drum drive and one pump for wheel drive. It works better than trying to split the flow of one pump to power two drive motors.

An assured hydraulic flow rate means no torque loss in the event of wheel or drum slippage. There is more spin-out resistance on steep grades and soft soils. You work on lifts that would bog down other compactors.

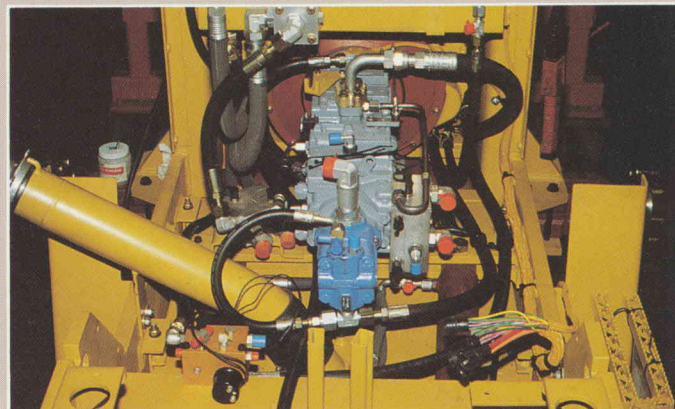
And, a No-SPIN differential in the rear axle adds tractive effort.



Proven Components from Caterpillar.

563 Compactors utilize a high degree of field-proven Caterpillar components. Power is supplied by the fuel efficient 3116T Engine rated at 145 hp. The rear axle is the same as is used in several other Cat products. There are Cat batteries with Cat electrical harnesses and color-coded, numbered wiring. All fasteners are Cat grade 8 hardware. Hydraulic connections have heavy-duty O-ring face seals.

You benefit from proven technology. And you take advantage of existing parts and service support from your Caterpillar dealer.



More Standard Features

We offer as standard many features that competitors only offer as options or not at all.

- Complete hydrostatic design.
- 24-volt starting system.
- Priority demand steering.
- Low effort controls.
- ROPS and FOPS.
- Hydraulic test ports.
- Grouped service points.
- Thorough anti-vandalism protection.

	CS-563	CP-563
Weight:	24,500 lb	25,500 lb
Drum Width:	84 in	84 in
Max. Centrifugal Force	50,000 lb	50,000 lb
Max. Working Speed	8.0 mph	8.0 mph
Rated Power	145 hp	145 hp
Drum	Smooth	Pad

Valuable Options



Because some jobs have special requirements, we offer the most frequently requested options.

Leveling Blade — It's a heavy-duty, 9 ft wide blade with maximum depth of cut 3 in. Center mounting helps prevent damage of the lift cylinder and hoses.

ROPS Cab — The cab includes two swing-open side windows for ventilation, tinted safety glass, side mirrors, electric wipers, heater and defroster.

Drum Conversion Kit — A smooth drum interchangeable with the padded drum on the CP-563 is available.

Working Light Package — For illumination of the work area under dim or dark conditions.



Your Caterpillar Dealer. Another Industry Standard.

Nobody offers you more services than your Caterpillar dealer. Rent...lease...purchase. Special financing plans. And after the sale, he stands ready to make sure you get what you expect. He offers the widest range of dealer services available. Preventive maintenance programs, Scheduled Oil Sampling (S.O.S.), qualified technicians,

diagnostic equipment and the parts inventory to keep you running.

You're probably already familiar with your local Cat dealer. Ask him to show you why we're so confident in the 563 Compactors.

CATERPILLAR®

committed to leadership
in the paving industry