

We've Improved a Proven Machine



966C 966D



CATERPILLAR

966D... The big value

The 966C has earned the respect of owners and operators around the world as a machine to be counted on for top production, easy operation and year-after-year reliability. Now redesigned, it's better than ever before. Depending on the application, the Cat 966D can produce from 15% to 35% more than the 966C. You get more production in less time and you'll have time for those small jobs like cleaning around the hopper, keeping the load area level or making it easier on truck tires by grading the road. The 966D incorporates design concepts proven in the 980, 988 and 992 to set a new value standard in the 3 cu. m (4 cu. yd.) class.

More productive.

The 966D moves more material per shift and uses less fuel per ton to do it. There's more horsepower and a lower weight/horsepower ratio for better acceleration, and more rimpull for crowding the bank, or load and carry. The

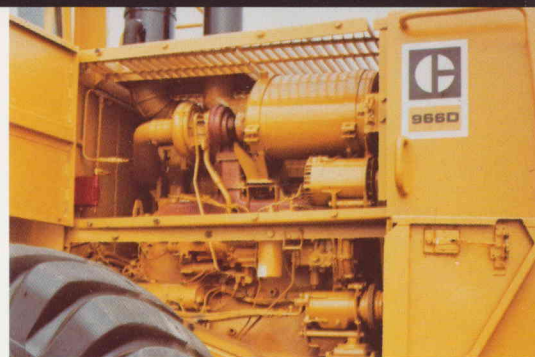
loader linkage is redesigned with additional reach and dump clearance to make topping out high side boarded trucks easier. And the 87% increase in breakout force plus additional rackback means fuller buckets, faster, even in tough digging.





Simpler to service.

The 966D requires less maintenance. Maintenance areas are grouped so lube fittings, dipsticks, and filler tubes can be conveniently checked and filled from the ground. And lube intervals are longer too. Access for filter change is simplified with easy opening doors and convenient locations. All major power train components are easily removed, repaired, tested and replaced as units.

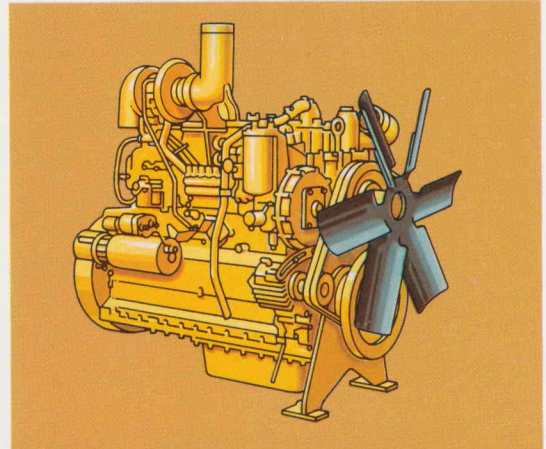
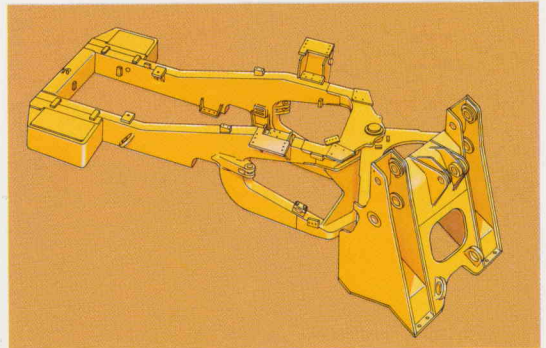


More reliable.

A rugged frame is the backbone of a reliable machine. So the 966D rear frame rails are box-sections to resist twisting and protect power train components. The four plate loader tower with box section reinforcement straddle-mounts the solid steel lift arms — keeping the loader linkage and hydraulic cylinders aligned for extended life. And the linkage has fewer parts and less service points to reduce maintenance points and service.

The bucket has been redesigned for longer life too. The Caterpillar Corner Guard System provides a bolt-on edge or tooth arrangement that increases penetration and extends bucket edge and corner life by up to 50%. The bucket is stronger, too, with internal gussets on the back, as well as extra reinforcing plates on the bottom.

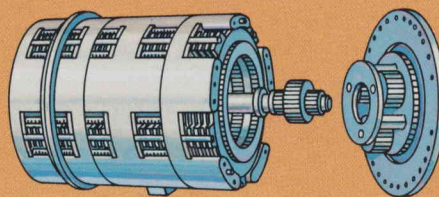
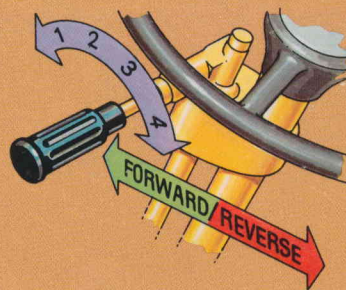
The 966D is powered by a Cat 3306 diesel Engine — a time-tested, field-proven engine with a reputation for high torque rise, quick recovery and dependable performance. It uses a direct injection fuel system and provides hourly fuel consumption comparable to the 966C. And it's strengthened for even longer life. There is a steel spacer plate to eliminate counter-bores in the top of the block and extra material around the crankshaft bearings.





Easier to operate.

966D bucket controls are pilot operated so they use hydraulic force to keep operator efforts down, but still retain precise control. Cat planetary powershift transmission is controlled by a single twist grip lever and allows full power, speed and direction changes. Outboard mounted transmission clutches are hydraulically modulated for smooth shifts. Excellent visibility to the bucket improves spotting for better, cleaner loading and faster, more accurate dumping. And the solid state electronic monitoring system allows the operator to concentrate on production. A quiet, pressurized ROPS cab insulates the operator from noise and dust.



Extra value from your Cat Dealer.

The best way to see the improvements designed into the 966D is to put one to work on your job. Your Cat Dealer can arrange that and show you how he'll keep it working, too. He has a variety of maintenance and repair programs, as well as the parts to keep you and your 966D working.



Power	Bucket Range	Operating Weight
149 kW	3.1 — 3.5 cu. m	19 505 kg
200 HP	4.0 — 4.5 cu. yd.	43,008 lb.

Materials and specifications subject to change without notice.

Check out the 966D.

It's more of what you want in a Wheel Loader.



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