

OVERHEATING ISN'T AN ISSUE

Hauling heavy loads up steep grades on hot days? "Overheating an engine is one of the most detrimental things you can do to it, but you won't have to worry about that outcome with the Coronado® 122SD," says Kris Hus, manager, vocational product strategy, Daimler Trucks North America. With the largest radiator capacity in the industry – up to 1,900 square inches – the Freightliner Coronado 122SD was built to handle tough hauls in summer heat and steep grades in the muck and mud of spring and fall.

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—Kris Hus, vocational product strategy manager, Daimler Trucks North America



A large, 1,500 square-inch radiator comes standard on the set-forward model and an upgrade to a 1,700 square-inch radiator is available to get even more cooling power. On the set-back axle, a 1,700 square-inch radiator is standard, with an optional upgrade to a 1,900 square inch radiator.

The Coronado 122SD can cool engines up to 600 HP/2,050 lb-ft torque, with loads up to 160,000 lbs. gross combined weight, without missing a beat.

"Whether you're behind the wheel of a monster dump truck, hauling lumber over rough roads in Canada or hauling heavy equipment or supplies to the off-road jobsite, you need the best cooling package you can get so you don't have to slow down to keep from overheating.



The Freightliner Coronado 122SD was built to handle tough hauls in the dust and heat.

The heavier the load, the more the radiator matters," says Hus. "If overheating is always on your list of concerns, you can pretty much cross it off the list with this cooling package."

The Coronado 122SD radiator and fan are mounted to the engine instead of the frame rails. This isolates the radiator from chassis shock loads and reduces vibration, which equates to greater reliability. "It's engineered to absorb vibration between the engine and the radiator, lessening vibration from the frame rail and improving vehicle durability and ride comfort. The radiator isolators are an important part of the overall durability of the cooling package," says Randy Smith, Freightliner Trucks construction segment manager.

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Fan shroud placement and packaging allows better air flow and reduces stress to the radiator, because it's no longer subject to frame twist and vibration. The result is a quieter engine, with less fan on-time and less engine wear and tear. Tighter packaging of under-the-hood air flow allows the cooling system to perform more efficiently. It all adds up to optimal performance and fuel economy.



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