

RCV2000 Fully-Variable Fan Drive



Precision cooling for high horsepower (HHP) diesel applications including mining trucks and power generators.

■ Increased fuel efficiency and productivity

- Variable-speed operation modulates fan speed to precise cooling needs
- More usable horsepower
- Quicker engine and hydraulic system warm up in cold temps

■ Maximum uptime and optimal engine temperature

- Improves aftertreatment performance and eliminates overcooling issues like frozen crankcase breathers and fuel dilution in engine oil

■ Less noise and low off speed

- Aids in meeting noise regulation and reduces need for expensive sound attenuation
- Greater operator comfort

■ Durable and robust design

- Does not require engine oil
- Engineered to withstand harsh environments and temperatures



Specifications	Minimum (Typ.)	Maximum (Typ.)
Torque	950 Nm [8,400 in-lbs.]	2250 Nm [19,900 in-lbs.]
Fan Diameter	1,829 mm [72 in.]	2,438 mm [96 in.]
Engine Horsepower	1,100 kW [1,475 bhp]	3,000 kW [4,023 bhp]

ENGINEERED FOR:



Additional Product Benefits

- Optimized magnetic design speeds reaction time, increases modulation and cooling
- Hub bearing supports only belt loads, which decreases bearing load and increases product life
- Belt-driven and air-cooled design, without the necessity of engine oil lines, makes it economical to install and maintain
- Lowers fan speed so more horsepower is available for the vehicle, increasing productivity, speed and acceleration
- During initial start up, fan clutch reduces system inertia resulting in faster start up/acceleration of the engine

Frequently Bought Together

HTEC™ 2500 Fan

Horton's innovative HTEC 2500 fan is designed for a broad range of applications and operating conditions. Designed to provide increased airflow and optimal cooling, it will provide your application with the performance you require with the benefits of a strong, durable, composite structure that does not corrode.



Di+™ Controller

Integrated speed sensor works with the ECU or with an optional Di+ controller to protect the equipment by ensuring all systems (engine temp, transmission temp, hydraulic fluid temp, etc.) are appropriately cooled.



Improve fuel efficiency, productivity and reduce noise in a variety of off-road applications.

The RCV 2000 fully-variable fan drive cools only as necessary, thereby reducing engine load to enhance digging, lifting, moving, turning and dumping while minimizing noise output.



Committed to Your Ideal Airflow Solution

Horton® is the premium provider of engine cooling solutions worldwide. Our culture of innovation delivers high-performance products that last and services that help you meet your commitments. Trust Horton to help your products last longer, run quieter and consume less fuel.