

RhinoDrive™ Radiator Solutions.

API Heat Transfer offers a fully integrated radiator fan drive as the perfect solution for the petroleum and electric-power generation markets. Our RhinoDrive radiators are the only direct engine-driven fan-drive solution available with our exclusive flexible coupling and clutch design optimized for CAT® C175, G3516C, and G3520C continuous duty applications.

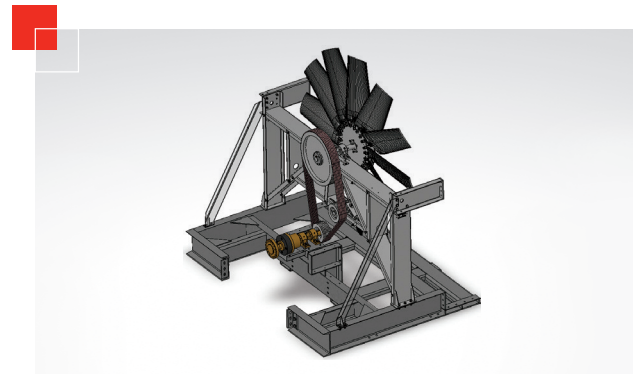
They reduce harsh inertial stresses during startup and shutdown and accommodate shaft misalignment, torque, and engine vibration. The radiators also allow the fan to coast to stop at engine shutdown.

The RhinoDrive solution.

- Provides reliable, trouble-free service for continuous duty installations
- Provides clearance between ancillary engine components around engine damper
- Avoids the need for remote radiators with electric-motor-driven fans
- Allows the radiator to be positioned further away from the engine

The RhinoDrive benefits.

- Reduces complexity of radiator installation compared to remote radiators with electric-motor-driven fans
- Eliminates the need for costly stepdown transformers, control panels, breakers, wiring, and labor associated with installation of remote radiators
- Provides a lower total cost of ownership compared to conventional remote radiators with electric-motor-driven fans
- Allows dealers and packagers to provide their end customer with a turnkey system, including a packaged radiator



Rhino tough.

- Engineered to eliminate harsh inertial stress and fan backlash conditions
- Reduces stress on fan-drive components during high-torque startup and shutdown
- Precision-machined balanced stub shaft included
- Premium high-performance Optibelt drive belts for maintenance-free operation
- Shaft coupler and clutch are factory-assembled for ease of on-site installation
- One-directional drive clutch enables fan to coast at shutdown
- Adjustable jack shaft provides precise alignment of included stub-shaft with engine damper
- Robust and reliable belt-tensioning idler design
- Quality double-row tapered roller bearings with contact seals for reliable trouble free service
- Drive is engineered to a minimum 1.5 service factor
- Drive sheaves and belts are factory-installed