

# HTEC™ 2500 Fan

Horton Thermoset Engineered Composite



## HTEC

HTEC Fans combine industry-changing material technology with traditional Horton custom engineering capabilities to meet and exceed your cooling requirements. Not a thermoplastic, this patent-pending structural thermoset delivers:

- Increased efficiency versus comparable metal fans
- Higher temperature rating than nylon fans
- Higher speed rating than comparable metal fans
- Best-in-class durability
- Highest available corrosion resistance
- Reduced fuel consumption
- Significant noise reduction



*The Horton HTEC 2500 has been engineered for rigorous off-highway applications including large mining trucks, remote radiator packages, generator sets, and tracking units.*

HTEC™ 2500-Series Fan Specifications	
Diameter	1,651-2,438mm [65"-96"]
Pilots and Mounting	Standard and customizable mounting available, including straight and tapered bores
Blade Configurations	5 to 17
Weight	41 kg [90 lbs.] and up
Maximum Tip Speed	112 m/sec [22,000 ft/min]

### ENGINEERED FOR:



## Additional HTEC Material Benefits

- Less deflection than nylon
- Higher strength-to-weight ratio than nylon, steel or aluminum
- Anti-spark and corrosion resistant
- Temperature rating of 150° C+

## Advanced Virtual Design of Experimental Systems and Processes

- The most efficient and optimized heavy-duty blade design

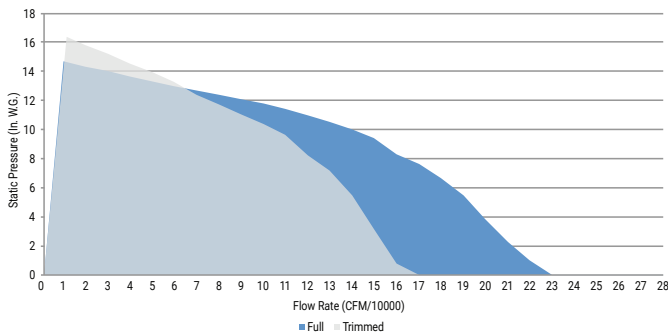
### Horton Fully-Variable Fan Drives

Designed to maximize efficiency while minimizing parasitic loss, Horton fan drives provide a lower off-speed, faster response time, and improved heat dissipation.

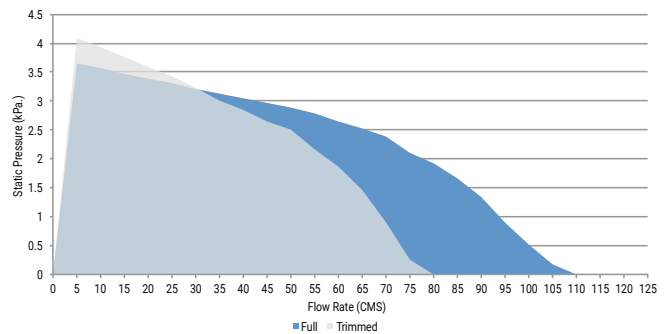


Horton RCV1000 and RCV2000 Fan Drives are engineered for use with Horton HTEC Fans to provide precision cooling of large-bore diesel applications in rugged off-road environments.

HTEC 2500 Fan Curves - 22,000 ft/min, 0.075 lb/ft<sup>3</sup>



HTEC 2500 Fan Curves - 112 m/sec, 1.201 kg/m<sup>3</sup>



### 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.

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