

# LCX170 Fully-Variable Fan Drive



A durable, live-center fan drive with industry-leading low-speed controllability, low off speed and Cold-Start Disengagement (CSD™) technology. Engineered for medium-duty trucks and off-highway applications.

- **Faster and quieter engine starts**
  - Cold-Start Disengagement technology prevents immediate fan drive engagement upon start up allowing faster and quieter engine and cab warmup
- **Maximum fuel efficiency and available engine horsepower with less noise**
  - Excellent controllability and low off speed
  - Fully-variable operation cools engine only as needed thereby reducing noise and parasitic loss while maximizing fuel efficiency
- **Maximum uptime and long life**
  - Maintenance-free
  - High-quality bearings and durable design



LCX170 Fully-Variable Fan Drive Specifications	
Maximum torque	Up to 170 N-m [1504 in.-lbs.] (fully-variable)
Typical fan blade capacity	Configurations of 6–13 blades; 610–813 mm [24–32 in.] diameters
Typical engine displacement size	6–12 Liters
Weight	Approx. 6.5 kg [14.3 lbs.]

(Optional)



The Horton LCX170 is engineered for use with Horton or competitive fans and can be combined with an optional J-1939-compatible Di+ Controller for customized precision-cooling control.

## ENGINEERED FOR:

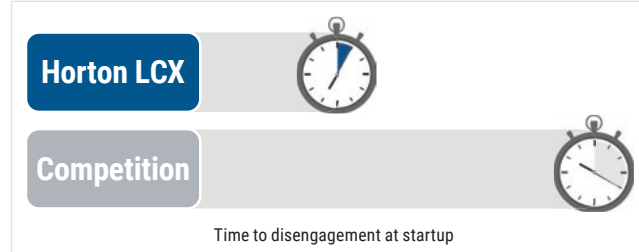


## Featuring Innovative Technologies from Horton

### Cold-Start Disengagement (CSD™)

- Unique reservoir design minimizes latent fluid in the shear plates to prevent engagement at startup, reducing noise and enhancing engine and cab warmup – particularly in cold weather
- Helps engines meet emissions regulations

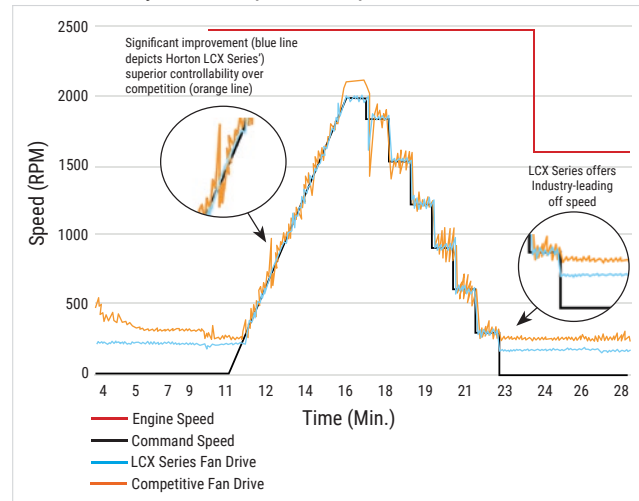
### CSD Technology



### Low-speed controllability

- Best-in-class, low-speed controllability offers more precise fan control across all speeds, increasing fuel economy, reducing noise and maximizing available horsepower with smooth modulation

### Controllability and off speed comparison



## HS6 Nylon Fan

Six blades. One optimal airflow solution.

- Combine the specially designed HS6 nylon fan with the LCX170 fan drive to reduce the fuel consumption for your application.

### 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.*

Horton is IATF 16949, ISO 14001 and ISO 9001 certified.