

LCX230 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 heavy-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



LCX230 Fully-Variable Fan Drive Specifications

Maximum torque	Up to 230 N-m [2035 in.-lbs.] (fully-variable)
Typical fan blade capacity	Configurations of 6–13 blades; 711–864 mm [28–34 in.] diameters
Typical engine displacement size	10–15 Liters
Weight	Approx. 7.5 kg [16.5 lbs.]

(Optional)



Di+™ Controller

The Horton LCX230 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™)

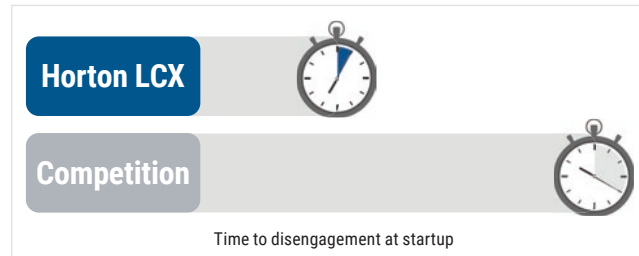
- Unique reservoir design minimizes latent fluid in the shear plates to prevent engagement at startup, reducing noise and enhancing engine and cab warmup – particularly in cold weather
- Helps engines meet emissions regulations

Low-speed controllability

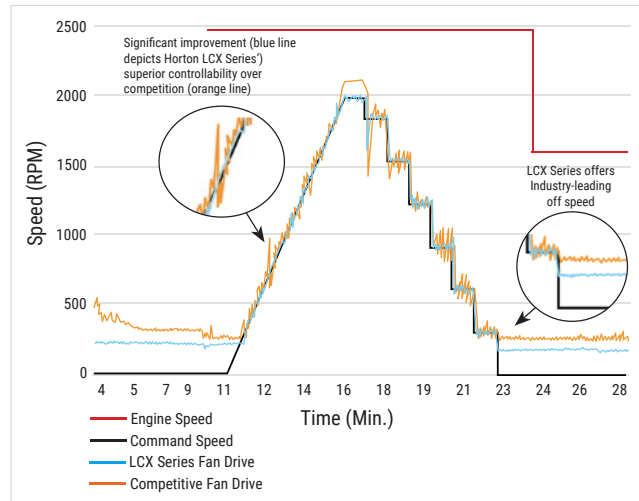
- Best-in-class, low-speed controllability offers more precise fan control across all speeds, increasing fuel economy, reducing noise and maximizing available horsepower with smooth modulation



CSD Technology



Controllability and off speed comparison



HS11A Nylon Fan

Optimized to provide the increased flow

- Combine the innovative blade profile of the HS11A nylon fan with the LCX2300 fan drive to provide the increased flow and pressure required by the cooling systems in high-performance applications.

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.