

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

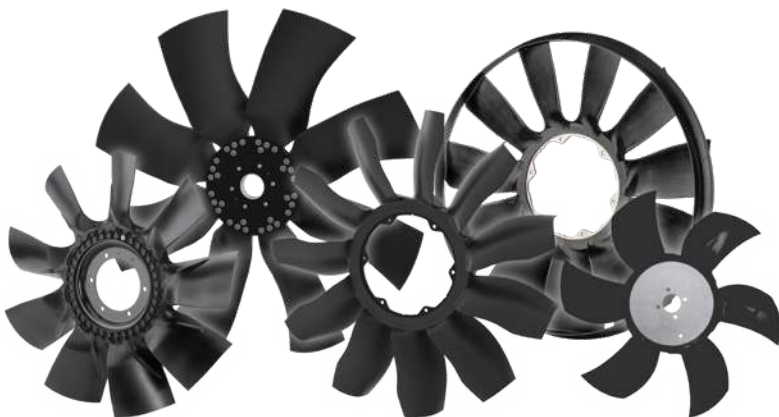
- Cold-Start Disengagement technology prevents immediate fan drive engagement upon start up allowing faster and quieter engine and cab warmup

■ 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



Since demands vary, Horton offers the widest range of fan types, designed to deliver maximum cooling, ruggedness and efficiency. Paired with an LCX fan drive the best option to meet cooling requirements for On- and Off-Highway applications.

Your Partner in Thermal Control

As a global leader in thermal control for power systems, Horton® offers a variety of technologies for transportation and industrial applications to operate at the optimal temperature. Our culture of innovation delivers high-performance products that last and services that help you meet your commitments.

LCX Fan Drive Models and Specifications

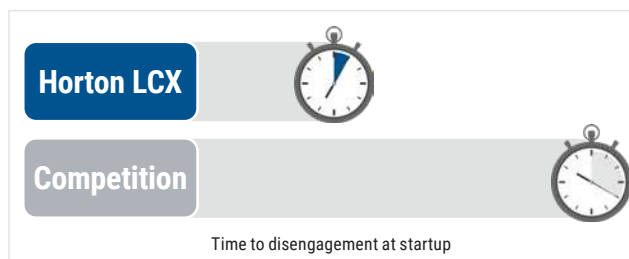
Model Numbers	LCX50	LCX100	LCX170	LCX230
Torque Range	15–50 N-m [132.7–443 in.-lbs.]	40–100 N-m [354–885 in.-lbs.]	50–170 N-m [442–1504 in.-lbs.]	80–230 N-m [708–2035 in.-lbs.]
Typical Fan Diameter	450–600 mm [17.7–24 in.]	550–750 mm [21.6–29.5 in.]	610–813 mm [24–32 in.]	711–864 mm [28–34 in.]
Fan Bolt Circle Diameter	152.4 mm [6 in.]	152.4 mm [6 in.]	247 mm [9.7 in.]	256.8 mm [10.1 in.]
Fan Pilot	127 mm [5 in.]	127 mm [5 in.]	245.2 mm [9.7 in.]	264.8 mm [10.4 in.]
Weight	Approx. 4 kg [8.8 lbs.]	Approx. 5 kg [11 lbs.]	Approx. 8 kg [17.6 lbs.]	Approx. 8.5 kg [18.7 lbs.]

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

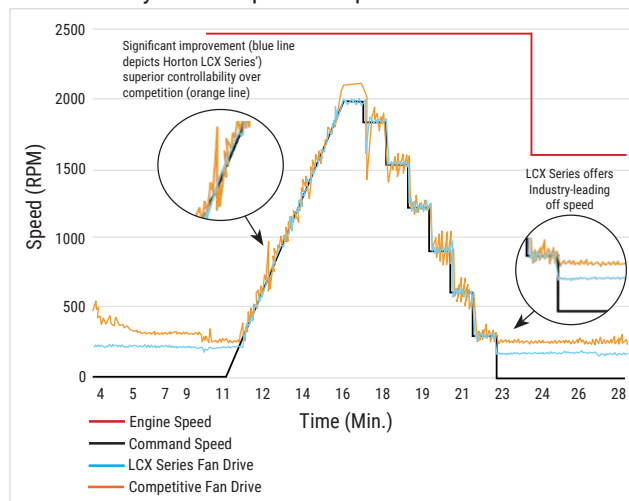
CSD Technology



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



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