

What is the JD-Drive?



JD-Drive Motor

- It is a permanent magnet, direct-drive, electronically commutated motor with **INTERNAL ONBOARD DRIVER**.
- The internal onboard driver allows the motor to **START SOFT**, so it does not get a huge surge of power when it is turned on. This will increase motor longevity and reduce wear and tear.
- The JD-Drive converts AC (alternating current) power to DC (direct current) power. This means you can run the motor at a slower speed and it will not heat up. It also will provide very **HIGH TORQUE**.
- A software-driven, intelligent, **VARIABLE SPEED** motor.

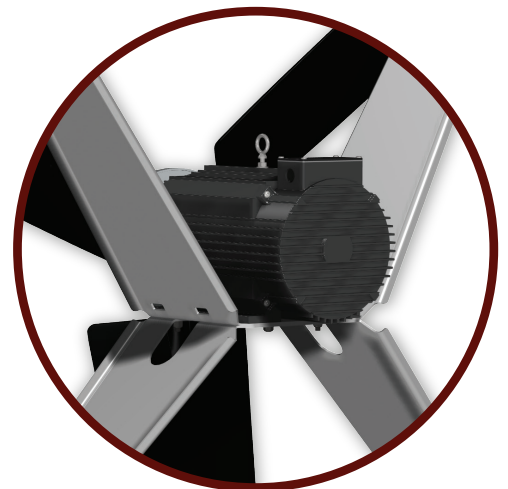
How is the JD-Drive different?

	*SIM	JD Drive Motor
Efficiency – Across speed range	●	● ● ● ● ● ● ●
Power Density	● ● ●	● ● ● ● ● ● ●
Reliability	● ● ●	● ● ● ● ● ● ●
Operating Capability	●	● ● ● ● ● ● ●

*SIM = Standard Induction Motor

Advantages of the JD-Drive

- IP-65 Rated
- Motor made in the U.S.A. with **No Rare Earth Materials**
- Surge protected
- Will not interfere with RFID
- Works like cruise control - it adjusts to static pressures to stay at set speeds



No VFD Required!