

New 13.6L Engine

Final Tier 4/Stage V



JOHN DEERE

Clean-slate innovation

More power in a smaller package.

The 13.6L engine offers a reduction in size and weight for this power range — giving you higher power density and torque with more flexibility when it comes to engine packaging.

Built for extreme reliability.

John Deere engines are known for reliable operation in tough off-highway applications. Building on that knowledge and strength, we designed this engine for even more reliability and uptime.

Built for the long road.

This engine is built to keep running in harsh conditions for the life of the machine. Designed to last, the new 13.6L engine offers heavy-duty, durable components and up to two overhauls.

Big power with a small thirst.

The 13.6L engine offers an enhanced fuel system and optimized combustion for low total fluid consumption. Now available on our largest displacement engine, the high-pressure common-rail (HPCR) fuel system provides higher injection pressures and more precise control of fuel injection timing.

Easy to maintain. Low service costs.

Our engineers put a lot of care and thought into making this engine easy to work on. The EGR system was incorporated into the fundamental design of the engine, offering significant integration and packaging advantages. The new 13.6L engine was specifically designed for easy maintenance, component accessibility, and reduced service costs.

Operational flexibility.

John Deere engineers were also able to enhance operational flexibility. The 13.6L engine offers full power from the front and rear of the engine while providing the capability to add more pumps with an integrated PTO. It comes with multiple aux drive connections and is available in single- and dual-turbo configurations to maximize packaging flexibility.



Next-generation Integrated Emissions Control system.

Our durable inline aftertreatment provides unified packaging to reduce connection points and simplify integration. It is offered in two sizes to match application needs, and can be mounted horizontally or vertically.

- Ease of application integration
- Reduced connection points and leak paths
- Less heat loss
- Robust aftertreatment performance



Looking to improve higher speed torque?

[Click here to learn more about the PowerTech™ PWS 13.6L engine.](#)

Interested in higher power density?

[Click here to learn more about the PowerTech™ PSS 13.6L engine.](#)