

KOHLER Engines Greatly Expands Its EFI Technology



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KOHLER Engines is expanding its electronic fuel injection (EFI) technology with the introduction of the Confidant EFI, Command PRO EFI CH440, and Command PRO EFI 999cc. All three models offer the benefits of KOHLER's highly regarded closed-loop EFI technology, including enhanced fuel efficiency, greater overall reliability and easier starting in a wide variety of conditions.

The new EFI engines will deliver an estimated 25 percent in fuel savings when compared to similar KOHLER carbureted engines under comparable load conditions. All three models utilize the KOHLER-designed closed-loop system, which means an oxygen sensor in the muffler continuously monitors the air/fuel mixture. If the air/fuel mixture strays from the ideal level, the sensor triggers adjustments to the amount of fuel injected into the system.

In addition to delivering optimal fuel efficiency and turn-key starting, the technology also provides improved power and enhanced reliability for both commercial and consumer users. Since electronic fuel injection systems replace carburetors, downtime due to carburetor-related issues is also eliminated, including the buildup of residue that often occurs when using ethanol-blended gasoline.

"Our new KOHLER Confidant series is fulfilling a need in the rapidly growing ZTR market with an engine that makes commercial-grade performance available at a lower price point," said Eric Hudak, marketing manager—consumer ride and walk engines. "The Confidant EFI minimizes fuel usage, which leads to significant cash savings and fewer trips to the pump. Plus, our automotive-grade EFI system has a higher tolerance to poor fuel and provides easy, worry-free starting in all conditions—a user can simply turn the key and go."

Kohler Engines has over 3,000 proprietary EFI diagnostics software kits at dealerships in the field to enable faster, more effective service repairs for commercial users. The KOHLER EFI Diagnostic Software enables an outdoor power equipment dealer's service technicians to tap into critical performance data logged by the engine control unit (ECU) to help troubleshoot engine operating conditions, failure codes, total hours, oil temperatures, detailed load parameters and much more.

The durable new Confidant EFI line will include four engines ranging between 20 and 27 hp. and will also encompass an option with recoil starting—the very first engine ever to offer recoil starting in combination with electronic fuel injection.

In another industry first, KOHLER Engines is incorporating its EFI technology into its Command PRO CH440. The 14-hp. CH440 EFI engine, which features KOHLER's Quad-Clean four-stage cyclonic air cleaner, will be the first single-cylinder engine to integrate closed-loop EFI. This new product will bring the benefits of KOHLER EFI to a wider array of utility equipment, including generators, welders, riding mowers, utility vehicles, stump grinders, and more.

The KOHLER Command PRO EFI 999cc is a powerful new option designed for large commercial mowing equipment as well as equipment typically found at rental houses, such as chippers and concrete saws. This new EFI workhorse will deliver up to 38 hp. and 55.3 ft-lb of torque.

"The expansion of our EFI technology into the Confidant series, CH440 and 999cc really speaks to the strong overall demand for our existing EFI engines," said Mark Johansen, director of marketing – gas engines for KOHLER Engines. "Commercial landscapers across the country are now profiting from the unmatched fuel economy and best-in-class reliability offered with these engines. With the new Confidant, CH440, and 999cc EFI options, we wanted to extend the benefits of this technology to even more markets and additional equipment operators worldwide."

All Confidant EFI and Command PRO EFI engines are backed by a three-year warranty.

Read more: [Tri-Fuel Engines Advance KOHLER's Alternative Fuel Leadership](#)