



Vanguard® BIG BLOCK™ Engines

The Vanguard BIG BLOCK V-Twin engine series is designed for demanding applications in commercial turf, marine, construction and agriculture where equipment downtime is not an option. Available in both [horizontal](#) and [vertical](#) shaft configurations, the lineup has been updated with significant improvements focused on increasing durability and performance in tough commercial jobs.

The updated BIG BLOCK engines are engineered to run cooler and work harder, even in extreme conditions. A redesigned cylinder head, featuring more cooling fins and an additional half-pound of aluminum, allows the engine to operate up to 60°F cooler compared to previous BIG BLOCK models. This is complemented by an upgraded blower housing and fan that improve airflow across the engine. To increase reliability, Vanguard has introduced an upgraded starter motor for optimized starting and cold-crank power, along with an improved wire harness that adds protection for critical circuits and enhances overall durability.

Beyond these standard enhancements, many BIG BLOCK models can be equipped with advanced technologies. [Electronic Fuel Injection \(EFI\) and Electronic Throttle Control \(ETC\)](#) are available to improve fuel efficiency and provide responsive power. The optional [Vanguard Oil Guard™ System](#) can dramatically reduce maintenance by extending oil change intervals to 500 hours — five times longer than traditional engines. This feature provides up to a 60% savings on oil maintenance costs¹, making it ideal for high-use equipment like zero-turn mowers.

These collective improvements in cooling, reliability, and maintenance are designed to maximize uptime for professional crews. By combining its core V-Twin power with targeted durability upgrades and advanced optional technologies, the Vanguard BIG BLOCK series offers a robust and adaptable power solution for commercial equipment.

¹Cost savings based on per season, per unit oil maintenance.

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