

VANGUARD®



Vanguard®
810cc V-Twin Engines
24.0–28.0 GROSS HP*

MAKE A POWER STATEMENT



BRIGGS & STRATTON
CORPORATION

To Make the Cut, We Broke the Mold.

810cc V-Twin Engines

Vanguard® power application engineers knew a more-of-the-same zero-turn engine just wouldn't cut it. So you get more from Vanguard's 810cc commercial-grade engines — more power, performance, efficiency and, ultimately, more profitable commercial cutting.

We also engineered in 30% more open area so you can expect engines that run cooler and thrive in extreme conditions. Put it all together and the Vanguard 810cc engines set the new standard for displacement and performance in the zero-turn category.

HAND-ASSEMBLED

- > Assembled using exclusively direct current (DC) electric hand tools (instead of air tools). This process generates a “torque DNA” for each engine.

PRECISION-TESTED

- > Every Vanguard 810cc engine undergoes an advanced load test to ensure proper extended-duty engine performance for final approval and release.

A DEDICATED TEAM

- > The assembly process is led by certified Briggs & Stratton Master Service Technicians (MSTs) — the highest rating in Briggs & Stratton global service training.

POWER APPLICATION EXPERTISE READY TO ASSIST

- > Vanguard experts ensure the power of our engines is applied in a way that helps the entire machine deliver peak performance and long life.

24.0, 26.0 GROSS HP¹
810cc

26.0, 28.0 GROSS HP¹ WITH EFI
810cc

¹All power levels are stated gross HP at 3,600 RPM per SAE J1940 as rated by Briggs & Stratton.



KEY FEATURES	HIGHER DURABILITY	SUPERIOR AIR MANAGEMENT	REDUCED NOISE, VIBRATION & HARSHNESS
Heavy-Duty Cylinder and Sump	●		
Vanguard Head and Seats ¹	●		
Forged Connecting Rods	●		
Fire Ring Head Gaskets	●		
Cast Aluminum Valve Covers	●		
Forged Crankshaft	●		●
Automotive Material Pistons	●		●
5" Cyclonic Air Cleaner	●	●	
Innovative Debris Chopper Fan		●	
Cooling Fin Inspection Panel		●	
High-Flow Blower Housing and Static Guard		●	
Balanced Flywheel			●

¹See vanguardpower.com/service-support/warranty for warranty details.

GET MORE POWER, USE LESS FUEL

Adding closed-loop electronic fuel injection (EFI) to our 810cc engines can achieve exceptional fuel savings. Using less fuel on every machine over the entire season adds up to serious coin. And our engineers didn't just design the EFI to look good on paper; they made sure it delivers in real-world application environments.

EXCEPTIONAL FUEL SAVINGS

- SPEED SENSING**
directs the right amount of fuel precisely when it's needed.
- EXHAUST SENSING**
for more accurate fuel delivery and maximum efficiency.
- FUEL DELIVERY**
pressurizes the fuel before it reaches the injectors — eliminating cracking and leaking issues.

GETTING THE JOB DONE.

ENGINE TECHNICAL SPECIFICATIONS



CARBURETED



EFI

ENGINE	24.0/26.0 GROSS HP ¹	26.0/28.0 GROSS HP ²
DISPLACEMENT cc/CID	810/49.42	810/49.42
BORE in.	3.30	3.30
STROKE in.	2.89	2.89
WEIGHT lbs.	91	91
LENGTH in./mm.	19.94/506.5	19.94/506.5
WIDTH in./mm.	18.53/470.7	18.53/470.7
HEIGHT in./mm.	22.89/581.4	22.89/581.4
OIL CAPACITY oz.	67	67
VALVE CONFIGURATION	Overhead Valve (OHV)	Overhead Valve (OHV)
CYLINDER	Dura-Bore™ Cast Iron Sleeve	Dura-Bore™ Cast Iron Sleeve
AIR CLEANER	5" Cyclonic Air Cleaner	5" Cyclonic Air Cleaner
IGNITION	Magnetron®	ECM-Fired Transistor
LUBRICATION	Full Pressure Lube	Full Pressure Lube

OPTIONS

SOLENOID SHIFT, HEAVY-DUTY INERTIA DRIVE STARTERS	●	●
ELECTRONIC FUEL MANAGEMENT	●	●
FLEXIBLE OIL DRAIN EXTENSION	●	●
OIL PRESSURE SWITCH	●	●
EXHAUST MOUNTING STUDS	●	●
LOW-MOUNT MUFFLER		●

VANGUARD COMMERCIAL POWER

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VANGUARD

Briggs & Stratton has a policy of continuous product improvement and reserves the right to modify its specifications at any time and without prior notice.
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