



Powering a Working World

Power Guide



COMMERCIAL POWER



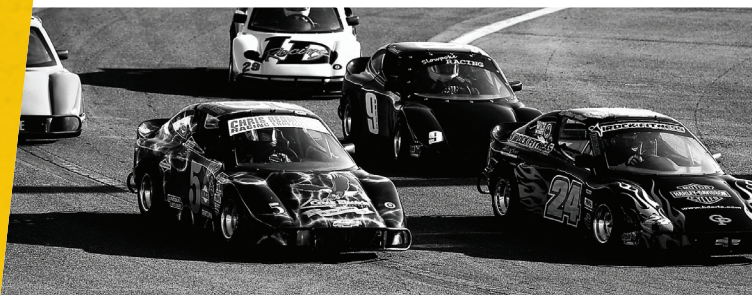
COMMERCIAL POWER

Engines that work as hard as you do.

You don't settle for anything less than a job well done. That's why we designed these commercial-grade engines to deliver unrelenting performance – day after day, job after job – no matter how harsh the conditions. Driven by our state-of-the-art innovations, and supported by the industry's best global support – this is productivity defined.

If this is how you roll, these are your engines.

- > **COMMERCIAL TURF**
- > **RENTAL**
- > **CONSTRUCTION**
- > **MARINE**
- > **FIRE & RESCUE**
- > **LANDSCAPE & AG**
- > **GOLF**
- > **TELECOMMUNICATIONS**
- > **RACING**



Getting the Job Done.

How you stare down hard work isn't like the other guys. You decide when to call it a day, not your equipment. That's why our commercial engines are built with the innovations and options you need to maximize productivity and minimize downtime.

- > Application-engineered to withstand the most demanding job sites
- > Trusted and proven in the field to outperform and outlast
- > Backed by unmatched service and support

Don't settle. Choose Briggs & Stratton Commercial Power engines to get the job done. See our full list of available options by specific engine model at www.commercialpower.com.

VANGUARD™ SINGLE CYLINDER

*All power levels are stated gross HP at 3,600 RPM per SAE J1940



5.5–10.0 Gross HP*



These engines are the result of listening to leading equipment manufacturers, contractors and dealers, who talked about operating power equipment under the most challenging conditions. Every design innovation and integrated technology is customer-driven, because where the work gets done, proven engine performance means business.

Typical applications include: **Generators, Pressure Washers, Tillers, Pumps, Commercial Construction, Blowers, Agriculture and Concrete Equipment.**

Popular Options

- CARB Compliant
- High/Low-Mount Mufflers (QGS)
- Alternators (2–20 amp)
- Tapered Crankshaft
- Threaded Crankshaft
- ¼" Fuel Line & Fuel Filter
- Rocker Stop Switch
- Tankless/Mufferless
- Emission Control System with Label
- Oil Sensor

VANGUARD™ SMALL BLOCK V-TWIN



Horizontal Shaft
13.0–23.0 Gross HP*



Vertical Shaft
16.0–23.0 Gross HP*

Each engine is engineered to dependably take on the most demanding commercial applications. As the lightest and most compact V-Twins among leading brands, the Vanguard™ “small blocks” feature a number of advanced technologies and integrated components to put more power in a smaller space.

Typical applications include: **Golf and Turf Equipment, Commercial Mowers, Power Packs, Telecommunications and Generators.**

Popular Options

- **Vanguard EFI**
- Integrated Fuel Tank
- Cyclonic Air Cleaners
- Recoil Starter
- High, Low & Side Mount Mufflers
- CARB Compliant EVAP Purge Ports
- CARB Compliant 6.95 qt. Fuel Tank (H/S Only)
- Solenoid Shift, Heavy Duty Inertia Drive & Rewind Rope Starters
- Key Switch (H/S Only)
- Alternators (9, 16, 7–16, 20 & 20-50 amp)
- Oil Cooler
- Oil Pressure Switch
- Straight Keyed Cranks (1" & 1-1/8" Diameters)
- Flywheel Stub Shaft



VANGUARD™ 810cc V-TWIN

*All power levels are stated gross HP at 3,600 RPM per SAE J1940



24.0–28.0 Gross HP*



These commercial-grade engines establish a new standard for zero-turn engine displacement. For turf professionals, that means higher performing, more efficient, more powerful and, ultimately, more profitable commercial cutting.

Typical applications include: **Commercial Mowers.**

Popular Options

- Vanguard **EFI**
- Solenoid Shift, Heavy-Duty Inertia Drive Starters
- Electronic Fuel Management
- Alternator (16 & 20 amp)
- Flexible Oil Drain Extension
- Oil Pressure Switch
- Straight Keyed Cranks (1" & 1-1/8" Diameters)
- Exhaust Mounting Studs
- CARB Compliant EVAP Purge Ports
- Low Mount Muffler

VANGUARD™ BIG BLOCK™ V-TWIN



Horizontal Shaft
25.0–35.0 Gross HP*



Vertical Shaft
23.0–37.0 Gross HP*



V/S only

Vanguard™ is the innovator and proven leader for BIG BLOCK™ V-Twin engine power, performance and reliability. For the most challenging applications—where downtime is not an option—this BIG BLOCK V-Twin engine lineup has been expertly engineered to deliver the dependability hardworking people need to get a lot more done throughout the day.

Typical applications include: **Concrete Trowels, Chippers/Shredders, Commercial Mowers and Mud Boats.**

Popular Options

- Vanguard **EFI**
- Key Switch
- Alternators (20 & 20-50 amp)
- Oil Pressure Switch
- Straight Keyed & Tapered Cranks (1-1/8" & 1-7/16" Diameters)
- Engine Mounted Choke and Throttle Control
- Flywheel Stub Shaft
- Low Profile & Cyclonic Air Cleaners
- EPA Compliant EVAP Purge Ports
- High Speed 4750 RPM Package
- Low Idle Speed Control (EFI only)
- Direct Throttle Control (EFI only)
- Tach/Hour Meter with Check Engine Light (EFI only)

BRIGGS & STRATTON® COMMERCIAL SERIES V-TWIN



16.0–27.0 Gross HP*



Specifically designed for high-debris applications that endure extended use in extreme conditions, these rugged engines are built to get the job done day in and day out. The Commercial Series V-Twin engine is designed with our patented 5-Step Debris Management System and cyclonic air filter that keeps harmful debris out of the engine.

Typical applications include: **Commercial Mowers, Concrete Grinders and Floor Burnishers.**

Popular Options

- Electronic Fuel Management
- Alternators (9 & 16 amp)
- Oil Pressure Switch
- Straight Keyed Cranks (1" & 1-1/8" Diameters)
- Flexible Oil Drain Extension
- Exhaust Mounting Studs
- CARB Compliant EVAP Purge Ports
- Pre-filter
- Recoil Starter
- Dynamically Balanced Flywheel (recoil only)
- High Flow Static Cover

ENGINE TECHNICAL INFORMATION

	POWER LEVEL Gross HP*	DISPLACEMENT cc/cubic in.	BORE in.	STROKE in.	WEIGHT lbs.	OIL CAPACITY oz.	VALVE OHV	CYLINDERS Cast Iron Sleeve
VANGUARD™ SINGLE- CYLINDER (H/S)	5.5	205/12.48	2.69	2.20	41	20	•	1
	6.0	205/12.48	2.69	2.20	41	20	•	1
	6.5	205/12.48	2.69	2.20	41	20	•	1
	8.0	305/18.63	3.12	2.44	57	28	•	1
	10.0	305/18.63	3.12	2.44	57	28	•	1
VANGUARD™ SMALL BLOCK V-TWIN (H/S, V/S)	13.0 (H/S only)	479/29.23	2.68	2.60	72	48	•	2
	16.0	479/29.23	2.68	2.60	72	48	•	2
	18.0	570/34.78	2.83	2.76	74	48	•	2
	21.0	627/38.26	2.97	2.76	77	48	•	2
	23.0	627/38.26	2.97	2.76	77	48	•	2
	23.0 w/EFI (H/S)	627/38.26	2.97	2.76	77	48	•	2
VANGUARD™ 810cc V-TWIN (V/S)	24.0	810/49.42	3.30	2.89	92	67	•	2
	26.0	810/49.42	3.30	2.89	92	67	•	2
	26.0 w/EFI	810/49.42	3.30	2.89	92	67	•	2
	28.0 w/EFI	810/49.42	3.30	2.89	92	67	•	2
VANGUARD™ AIR-COOLED BIG BLOCK™ V-TWIN (H/S)	25.0	896/54.68	3.37	3.07	125	78	•	2
	27.0	896/54.68	3.37*	3.07	125	78	•	2
	29.0	896/54.68	3.37	3.07	125	78	•	2
	31.0	896/54.68	3.37	3.07	125	78	•	2
	33.0	993/60.60	3.37	3.41	125	78	•	2
	35.0	993/60.60	3.37	3.41	125	78	•	2
	33.0 w/EFI	896/54.68	3.37	3.41	125	78	•	2
	35.0 w/EFI	993/60.60	3.37	3.41	125	78	•	2
	37.0 w/EFI	993/60.60	3.37	3.41	125	78	•	2
VANGUARD™ AIR-COOLED BIG BLOCK™ V-TWIN (V/S)	28.0	896/54.68	3.37	3.07	125	82	•	2
	30.0	896/54.68	3.37	3.07	125	82	•	2
	32.0	896/54.68	3.37	3.07	125	82	•	2
	36.0	993/60.60	3.37	3.41	125	82	•	2
	33.0 w/EFI	896/54.68	3.37	3.07	125	82	•	2
	35.0 w/EFI	993/60.60	3.37	3.41	125	82	•	2
	37.0 w/EFI	993/60.60	3.37	3.41	125	82	•	2
BRIGGS & STRATTON® COMMERCIAL SERIES V-TWIN (V/S)	16.0	656/40.03	2.97	2.89	82	64	•	2
	18.0	656/40.03	2.97	2.89	82	64	•	2
	20.0	656/40.03	2.97	2.89	82	64	•	2
	22.0	724/44.18	3.12	2.89	82	64	•	2
	23.0	724/44.18	3.12	2.89	82	64	•	2
	24.0	724/44.18	3.12	2.89	84	64	•	2
	25.0	724/44.18	3.12	2.89	84	64	•	2
	26.0	810/49.42	3.30	2.89	84	67	•	2
	27.0	810/49.42	3.30	2.89	84	67	•	2



For your customers, downtime means lost dollars. The Vanguard™ Service Promise is our commitment to help them decrease the profit-robbing impact of downtime on their bottom-line.

■ **UNIFIED, NATIONAL DISTRIBUTION NETWORK**

A single, committed source for Vanguard parts and engines. Taking “easy-to-do-business” to a whole new level.

■ **COMPREHENSIVE TECHNICIAN TRAINING**

Online, video library or in-person formats to keep servicing dealers informed and trained.

■ **GLOBAL LIMITED COMMERCIAL WARRANTY**

■ **NEXT-DAY PART AND ENGINE DELIVERY†**

■ **PROVIDERS OF GENUINE VANGUARD PARTS**

Guaranteed to fit and built to last.

■ **MAXIMIZE** equipment value with repowering opportunities

A robust replacement engine lineup for commercial applications.

■ Efficient, respected **WARRANTY PROCESSING**

■ **QR POWER CODES**

Engine information at your fingertips with a quick smartphone scan.



COMMERCIAL POWER

BRIGGS & STRATTON COMMERCIAL POWER

Post Office Box 702 Milwaukee, WI 53201 USA

Tel: 414.259.5333 WWW.COMMERCIALPOWER.COM

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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