

VANGUARD®

PUMP UP THE POWER



GODIVA

Briggs & Stratton's Vanguard® engines elevate Godiva's next generation of fire & rescue pumps

Godiva, a long-established British specialist in fire pump engineering, supplies emergency services across the world with portable and vehicle-mounted solutions designed to perform reliably under the most demanding conditions. With a reputation built on technical expertise and practical, field-driven innovation, the company continually seeks to enhance the capability and usability of the equipment that frontline crews depend on.

When Godiva embarked on the development of its next generation of portable fire pumps, the requirements placed on the

machines had never been higher. Firefighters working in remote or infrastructure-poor regions rely on pumps that can be carried quickly into position, started without hesitation and trusted to deliver sustained performance under pressure. Meeting these expectations while keeping the equipment lightweight demanded a careful balance of engineering precision and dependable power.

A decisive factor in this process was the choice of the engine supplier. Godiva assessed several options, prioritising reliability, serviceability and the capability to support operators globally. Briggs & Stratton's Vanguard brand distinguished itself through its reputation for commercial-grade durability, compact design and a global support network that aligned with Godiva's commitment to long-term operational readiness.





**VANGUARD
V-TWIN EFI/ETC ENGINE**
29,9 GROSS KW¹
(40,0 GROSS HP¹)

ENGINE TYPE	V-Twin, 4-stroke, air cooled, OHV (Overhead Valve)
MODEL NUMBER	61G2
GROSS POWER KW (HP) @ 3 600 RPM:	29,9 ¹ (40,0 ¹)
DISPLACEMENT (CC)	993
CYLINDER	Cast iron sleeve
OIL CAPACITY (L)	2,3
DRY WEIGHT (KG)	56,7
DIMENSIONS L X W X H (MM)	379 x 496 x 725
FEATURES	EFI/ETC, oil filter, cyclonic air cleaner, full pressure lubrication, oil cooler, oil pressure switch, CANJ1939 communications, OEM selectable speed
OPTIONAL	flywheel stub shaft, tach/hour meter with check engine light, alternators (20, 20-50 amp), high and mid mounted mufflers, flat panel air cleaner

The collaboration took shape around a shared aim: to equip emergency services with powerful, practical and highly resilient portable pumps.

This partnership is embodied most clearly in the Blaze Warrior 10/10, Godiva's flagship ultra-lightweight pump powered by the Vanguard 29,9 Gross kW1 V-Twin horizontal shaft EFI/ETC engine featuring a unique internal spline crank shaft option. The Blaze Warrior as been engineered to deliver exceptional waterflow with a rated performance of 1,000 litres per minute at 10 bar, while remaining compact and easy to deploy. Integrating such performance into a portable format required an engine that combined strength, efficiency and reliability without imposing additional weight or complexity.

The adoption of Electronic Fuel Injection (EFI) and Electronic Throttle Control (ETC) technology was particularly significant for this model. Together, these systems support consistent power delivery and maintain stable engine performance, even when operating under variable load conditions typical of open-water pumping. Their contribution enhances the responsiveness and overall capability of the Blaze Warrior, helping it maintain high output when it matters most.



**VANGUARD
V-TWIN ENGINE**
13,4 GROSS KW*
(18,0 GROSS HP*)

ENGINE TYPE	V-Twin, 4-stroke, air cooled, OHV (Overhead Valve)
MODEL NUMBER	3564
GROSS POWER KW (HP) @ 3 600 RPM:	13,4 ¹ (18,0 ¹)
DISPLACEMENT (CC)	570
CYLINDER	Cast iron sleeve
OIL CAPACITY (L)	1,42
DRY WEIGHT (KG)	33,6
DIMENSIONS L X W X H (MM)	318 X 410 X 438
FEATURES	Advanced Debris Management, Low Profile Dual-Clean® Air Cleaner, Magnetron® Electronic Ignition
OPTIONAL	Integrated Fuel Tank, Solenoid Shift Starter, Oil Pressure Switch, Flywheel Stub Shaft, High, Low and Side Mount Mufflers, CARB Compliant Purge Ports, Key Switch, Rewind Start, Idle Down, Variable Speed Throttle, Remote Speed Option, Engine Mounted Choke and Throttle Control

Reflecting on the fit between the engine and the pump, Mark Kerr, OEM Sales Manager UK for Briggs & Stratton, remarks: "EFI and ETC elevate the performance of the 29,9 Gross kW¹ engine even further. For a pump like the Blaze Warrior, which is designed to deliver high output with absolute reliability, these technologies provide a clear operational advantage."

Alongside the Blaze Warrior, Godiva also deployed Vanguard engines in the PowerFlow 8/5 Single and Twin Discharge pumps, powered by the Vanguard 18 HP horizontal shaft engine with integrated fuel tank. As with the 29,9 Gross kW¹ unit, the engines' compact architecture and dependable performance supported Godiva's objective of creating portable pumps that are robust, easy to handle and simple to maintain.

For Godiva, the collaboration with Vanguard has enabled the development of a pump range that combines practical handling with high-level performance. Fire crews benefit from rapid deployment, reliable starting behaviour and

¹ Power levels are stated gross kilowatts per SAE J1940 as rated by Briggs & Stratton.

² See operator's manual or dealer for complete warranty details.

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BRIGGS & STRATTON'S VANGUARD ENGINES ARE WELL SUITED TO THE REQUIREMENTS OF OUR DEMANDING PUMP APPLICATIONS. THEIR PRODUCTS HAVE EARNED THEIR STRONG REPUTATION AND MARKET PRESENCE IN THE FIRE AND RESCUE SECTOR FOR GOOD REASON. THEY DELIVER THE RELIABILITY, PERFORMANCE AND READINESS THAT OUR CUSTOMERS EXPECT IN THE FIELD. ”

Guy Jackson
Product Manager, Godiva



strong water delivery capabilities, even in remote or challenging conditions. Extended service intervals, 3-year commercial warranty² and the global availability of parts further strengthen operational continuity for emergency services operating internationally.

Summarising the cooperation, Guy Jackson, Product Manager at Godiva, notes: “Briggs & Stratton’s Vanguard engines are well suited to the requirements of our demanding pump applications. Their products have earned their strong reputation and market presence in the fire and rescue sector for good reason. They deliver the reliability, performance and readiness that our customers expect in the field.”

The combined strengths of Godiva’s pump engineering and Vanguard’s power solutions highlight how effective collaboration can advance the standards of portable firefighting equipment. The Blaze Warrior stands as a clear example of this partnership in action: a compact, high-performance pump designed to support firefighters whenever rapid, reliable water delivery is critical.



² See operator's manual or dealer for complete warranty details.

LEARN MORE

about how our passion for power can benefit your equipment and your customers.



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ABOUT BRIGGS & STRATTON | VANGUARD

Briggs & Stratton, headquartered in Milwaukee, Wisconsin, provides innovative products and diverse power solutions to help people get work done. Briggs & Stratton is the world's largest producer of engines for lawn and garden, turf care and job site power equipment and is a leading designer, manufacturer and marketer of lithium-ion batteries, standby generators and energy storage systems through its Briggs & Stratton®, Vanguard®, Ferris®, Simplicity®, Snapper®, Billy Goat®, Allmand® and Branco® brands. Briggs & Stratton products are designed, manufactured, marketed and serviced in over 100 countries on six continents.

Vanguard® helps professionals to get their work done by applying power to their unique commercial applications. For nearly 40 years, Vanguard has partnered with customers to conquer challenges and develop innovative products. As Vanguard doesn't simply provide components, it supports customers in applying commercial lithium-ion and petrol power throughout the entire integration process, from development to serial production to after sales and training support. www.vanguardpower.com

ABOUT GODIVA

Godiva Limited is a trusted name in fire pump engineering, delivering innovative solutions that support emergency services in over 100 countries. With a focus on performance, reliability, and ease of maintenance, Godiva's portable and vehicle-mounted pumps are built to meet the evolving demands of modern firefighting. Headquartered in Warwick, UK, the company combines technical expertise with a commitment to global service and support. www.godiva.co.uk

VANGUARD®

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