

VANGUARD®

LOADS OF POWER, ANY CONDITION



Billy Goat® delivers consistent and powerful debris-clearing performance powered by Vanguard® EFI engine technology

Founded in the US in 1967, Billy Goat is a leading designer and manufacturer of turf renovation and clean-up equipment, and forms part of the Briggs & Stratton family of brands. Known for practical innovation and high-performance specialty turf care solutions, Billy Goat's product range covers a host of landscaping needs from aerators, sod cutters and brush cutters to blowers, lawn vacuums and debris

loaders. This line-up supports professionals in the residential, commercial, rental and municipal sectors.

Traditionally, debris loaders have struggled to cope with peak volumes of wet, heavy and compacted material such as leaves and other organic debris, leading to engine strain, higher fuel use and downtime. On top of that, many engines were awkward to service, so even small breakdowns caused long delays. For contractors and municipalities, that meant rising costs, missed schedules and extra pressure on crews. These challenges drove Billy Goat to identify a clear goal: to find a solution tough enough for heavy-duty professional demands, while remaining efficient and easy to service.



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**THE RESULT IS A SYSTEM
WHERE THE ENGINE AND
MACHINE COMPLEMENT
ONE ANOTHER, DELIVERING
CONSISTENT PERFORMANCE
UNDER DEMANDING
CONDITIONS.**

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Tim Ummenthum
Engineering Manager, Billy Goat EMEA



**VANGUARD BIG BLOCK
V-TWIN EFI/ETC ENGINE
27,6 GROSS KW*
(37,0 GROSS HP*)**

MODEL NUMBER	61A2
GROSS POWER KW (HP) @ 3 600 RPM:	27,6* (37.0*)
DISPLACEMENT (CC)	993
CYLINDER	Cast iron sleeve
OIL CAPACITY (L)	2,3
DRY WEIGHT (KG)	56,7
DIMENSIONS L X W X H (MM)	561 X 514 X 626
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

Billy Goat's engineers reviewed and evaluated several large commercial engines on the market to determine which could best meet the demands of the DL37. Ultimately, the Vanguard 27,6 kW EFI/ETC V-Twin BIG BLOCK™ engine stood out as the clear choice for meeting the high-demand performance required.

Although Billy Goat is part of the Briggs & Stratton family, the decision to use a Vanguard engine was based on suitability above all else. The EFI/ETC V-Twin offered the torque and durability needed to drive Billy Goat's largest impeller while maintaining strong vacuum and debris reduction. Its EFI/ETC technology also cuts fuel consumption, solves cold-start issues in winter, and keeps performance stable under fluctuating loads – directly addressing the key challenges of demanding clean-up work.

In addition, Vanguard's three-year commercial warranty** and comprehensive service network provides users greater assurance that the equipment will deliver long-term reliability with minimal downtime. By pairing Billy Goat's innovation with Vanguard's trusted engineering, the DL3702VEEU (DL37) debris loader delivers a solution that professionals can depend on.

“From an engineering perspective, the integration of a Vanguard engine was more than just fitting a larger unit to the frame”, said Tim Ummenthum, Engineering Manager at Billy Goat EMEA. “We collaborated closely with our Vanguard colleagues to calibrate the engine's torque, power delivery and load response to the DL37's mechanical systems, ensuring reliability and serviceability weren't compromised. The result is a system where the engine and machine complement one another, delivering consistent performance under demanding conditions.”

Feedback from landscaping and groundcare professionals, contractors, and municipal teams has been particularly positive, with the EFI/ETC system being a standout benefit. EFI/ETC engine's proven

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

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

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**COMBINING THE POWERFUL
AND DEPENDABLE VANGUARD
COMMERCIAL ENGINE WITH
BILLY GOAT'S CUTTING-EDGE
DEBRIS LOADER **CREATED THE
PERFECT SOLUTION TO A
LONG-STANDING DEBRIS
PROCESSING ISSUE.****

”

Dennie Smeets

Senior Product Manager, Billy Goat EMEA



ability to reduce fuel consumption by up to 25% and simplify maintenance has had a clear impact in the field. Combined with the engine's reliability in all weather conditions, the DL37 has allowed businesses to complete jobs more efficiently while keeping downtime to a minimum.

By partnering with Vanguard, Billy Goat achieved exactly what it set out to do: deliver a debris loader tough enough for heavy-duty demands, yet efficient and easy to service. The DL37 stands as proof of that success.

Dennie Smeets, Senior Product Manager at Billy Goat EMEA, states: “The Vanguard 27,6 kW horizontal shaft V-Twin engine is a reliable and powerful product and an excellent choice for demanding professional applications, no matter the requirements. Combining the powerful and dependable Vanguard commercial engine with Billy Goat's cutting-edge debris loader created the perfect solution to a long-standing debris processing issue.”



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 BILLY GOAT

Billy Goat is a premier designer and manufacturer of outdoor property cleanup products such as aerators, sod cutters, brushcutters, blowers, lawn vacuums and debris loaders. Founded in 1967, Billy Goat prides itself on the innovation, productivity and quality of its products. Billy Goat features a complete line of product solutions for residential, commercial, rental and municipal needs. www.billygoat.eu

VANGUARD™

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