



THE POWER OF WIDTH

Swardman powers one of the widest single-reel mowers worldwide with Briggs & Stratton's Vanguard® 200 single-cylinder engine

Czech garden machinery business Swardman s.r.o designs and produces premium reel mowers for precision-cut lawns. The company serves customers across Europe, USA, and Australia with its range of mowers, accessories and consultancy on achieving a flawless lawn.

Having worked in a successful partnership with Briggs & Stratton for many years, the team at Swardman knew where to turn when seeking a durable and reliable professional engine for its first professional mower. The brand's well-recognized industry name and reputation confirmed it, as Michael Suchanka, CEO at Swardman says, "It was important for

us to choose a brand that is recognized in the professional world. Given our excellent experience with Briggs & Stratton, we had no hesitation in selecting a Vanguard® commercial engine."

The requirement was to provide a power supply of 6hp, while also meeting the weight limitation of staying under 44 lbs. The Vanguard 200 single cylinder engine met both of these metrics. A horizontal shaft drop-fit solution, with no re-engineering required, the Vanguard 200 features exclusive, market-driven innovations, such as TransportGuard®, a 3-in-1 control that eliminates oil/fuel dilution. The engine enjoys optimized fuel management to improve resistance to stale fuel

and lower total cost of ownership (TCO) thanks to its unmatched 600-hour air filter replacement intervals – double the industry standard. Plus, the Vanguard 200 includes a new optimized 3-step starting process that allows for a shorter rope pull with less force required. It is tested down to -20°F to ensure easier starting in all temperatures.

Swardman was able to integrate the engine using Briggs & Stratton's supplied 3D drawings, while the frame and mounting flange preparation was also accelerated using data supplied by the engine manufacturer. Mr. Tomáš Lunda, chief designer of Swardman explains, "There were no modifications needed to integrate the engine into the mower and the exceptional load acceptance and fast reaction to the load changes of Vanguard engines were critical to successfully pass the testing phase. The lower vibration was also a significant benefit."

The Edwin high-performance professional reel mower is specifically designed for soccer fields, offering an incredible cutting width of 3.12 feet and a reel mower design that delivers an exceptionally precise cut. Equipped with an 8-blade reel as standard, the Edwin 95 is one of the widest single-reel mowers available worldwide. The chassis is made entirely of metal for durability, minimising the use of plastic components. It also features a lightweight fabric 39.63 gallon grass catcher and mowing performance of up to 84,873.43 ft² per hour, allowing a standard soccer field to be mowed in just one hour.

Tomas Mika, Manager Regional Sales for Central Eastern Europe & Balkans at Briggs & Stratton, says: "The Vanguard 200 is one of our top-selling engines for many reasons.



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WE WERE CONFIDENT THAT CHOOSING A VANGUARD ENGINE WOULD GIVE US RELIABILITY AND BRIGGS & STRATTON'S STRONG CUSTOMER SERVICE. IN ADDITION, THE EXTENDED ENGINE SERVICE INTERVALS PROVIDE SIGNIFICANT ADDED VALUE BY REDUCING THE TCO AND DOWNTIME.

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Michael Suchanka
CEO, Swardman

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THE VANGUARD® 200 IS ONE OF OUR TOP-SELLING ENGINES FOR MANY REASONS. IT'S RELIABLE AND POWERFUL, YET LIGHTWEIGHT, MAKING THIS SINGLE-CYLINDER HORIZONTAL SHAFT ENGINE AN EXCELLENT CHOICE FOR PROFESSIONAL APPLICATIONS.”

Tomas Mika
 Manager Regional Sales
 Briggs & Stratton

It's reliable and powerful, yet lightweight, making this single-cylinder horizontal shaft engine an excellent choice for professional applications. With the added value of our free-of-charge extended warranty*, customers can enjoy four years of peace of mind while using Swardman's exceptional product.”

Swardman is delighted with the product's performance, in particular the exceptional load acceptance and fast engine responsiveness, which ensures uninterrupted operation. Michael Suchanka concludes, “We were confident that choosing a Vanguard engine would give us reliability and Briggs & Stratton's strong customer service. In addition, the extended engine service intervals provide significant added value by reducing the TCO and downtime.”



**VANGUARD 200
 COMMERCIAL ENGINE
 4.8 GROSS KW****

MODEL NUMBER	12V3
GROSS POWER KW (HP) @ 3,600 RPM:	4.8** (6.5)
DISPLACEMENT (CC)	203
CYLINDER	Cast iron sleeve
FUEL TANK CAPACITY (L)	3.1
OIL CAPACITY (OZ)	20.29
DRY WEIGHT (LBS)	39.46
DIMENSIONS L X W X H (MM)	289 X 375 X 361
FEATURES	TransportGuard, dual ball bearing, Super Lo-Tone muffler, integrated cyclonic air cleaner
OPTIONAL	Electric start, low oil sensor, 45° inclination package, clear flange muffler, low profile air cleaner, 2:1 and 6:1 gear reduction package

* Extra year warranty after engine registration. See www.vanguardpower.com for warranty details. Applies only to the engine, not to the application.

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

CONTACT US NOW

TO FIND OUT HOW VANGUARD CAN HELP YOU POWER YOUR EQUIPMENT



Contact us via email to: vanguardpower.emea@basco.com



Find out more about Vanguard on: www.vanguardpower.com



For more news and updates, follow us on LinkedIn:

<https://www.linkedin.com/company/vanguard-power-emea/>

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®, Branco® and Victa® 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 more than 35 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 SWARDMAN

Swardman develops and produces premium reel lawn mowers and has been mastering these machines for almost a decade. During the production process, Swardman emphasises easy manipulation, quality of materials and top-notch manufacturing to ensure a perfect, precise cut. Swardman also sells accessories and provides consulting for the upkeep of a perfect low cut lawn.

Swardman has services customers in the Czech Republic, Germany, France and other EU countries, as well as the USA and Australia. www.swardman.com/en/

VANGUARD

BRIGGS & STRATTON

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