2020 Power Guide - Europe, Middle East and Africa: **Performance and Commercial Engines**

VANGUARD®

Premium-grade VANGUARD® engines are designed and application engineered to meet the requirements of the most demanding commercial applications. They incorporate powerful OHV (Overhead Valve) technology for maximum performance and a number of advanced features that extend the engine life, minimize maintenance, and assure easier starts and lower noise levels.

Heavy-duty rewind and rope

Stronger forged crankshaft and cast iron camshaft

Dual ball bearings

Cooler / Cleaner technology extends engine life by reducing engine and oil temperatures by 14°C – 17°C.

TRUST THE POWER™

EFI
ELECTRONIC FUEL INJECTION

Our VANGUARD® V-Twin EFI engines feature a closed-loop EFI system that delivers easier starting and improved performance.

For more information about the VANGUARD V-Twin EFI engines and details of the 3-year limited global warranty visit www.VANGUARDENGINES.com

HORIZONTAL SHAFT ENGINES • PERFORMANCE

MODEL 0831 **XR550 OHV** — Power JSI

MODEL 1062 **XR750 OHV**

MODEL 13G **XR950 OHV**

MODEL 19N1 **XR1450 OHV**

MODEL 25T2 **XR2100 OHV**

VANGUARD® V-TWIN • VERTICAL SHAFT ENGINES

MODEL 3057 **VANGUARD® V-TWIN OHV 11,94 GROSS kW***
Optional Rewind start

MODEL 3567 **VANGUARD® V-TWIN OHV 13,43 GROSS kW***
Optional Rewind start
Electronic Fuel Management (EFM)

MODEL 3867 **VANGUARD® V-TWIN OHV 17,16 GROSS kW***
available as 15,67 Gross kW*

MODEL 49R9 **VANGUARD® V-TWIN OHV 19,40 GROSS kW***
available as 17,60 Gross kW*
Optional Oil Guard system

MODEL 49E8 **VANGUARD® EFI V-TWIN OHV 20,89 GROSS kW***
available as 19,40 Gross kW*
Optional Oil Guard system

VANGUARD® SINGLE CYLINDER • HORIZONTAL SHAFT ENGINES

MODEL 12V3 **VANGUARD® 200 OHV 4,85 GROSS kW***
Optional 45° inclination package

MODEL 19L1 **VANGUARD® OHV 5,97 GROSS kW***

MODEL 19L2 **VANGUARD® OHV 7,46 GROSS kW***

NEW for 2019

MODEL 28V3 **VANGUARD® 400 OHV 9,70 GROSS kW***
Optional 45° inclination package

AVAILABLE NOVEMBER 2019

VANGUARD® V-TWIN • HORIZONTAL SHAFT ENGINES

MODEL 3064 **VANGUARD® V-TWIN OHV 10,44 GROSS kW***
Optional Rewind start, Integrated fuel tank

MODEL 3054 **VANGUARD® V-TWIN OHV 11,94 GROSS kW***
Optional Rewind start, Integrated fuel tank

MODEL 3564 **VANGUARD® V-TWIN OHV 13,43 GROSS kW***
Optional Rewind start, Integrated fuel tank

MODEL 3854 **VANGUARD® V-TWIN OHV 15,67 GROSS kW***
Optional Rewind start, Integrated fuel tank

MODEL 3864 **VANGUARD® V-TWIN OHV 17,16 GROSS kW***
Optional Rewind start, Integrated fuel tank

MODEL 6414 **VANGUARD® V-TWIN OHV 20,14 GROSS kW***
available as 18,65 Gross kW*

VANGUARD® V-TWIN • HORIZONTAL SHAFT ENGINES

MODEL 5424 **VANGUARD® V-TWIN OHV 21,63 GROSS kW***

MODEL 5434 **VANGUARD® V-TWIN OHV 23,13 GROSS kW***

MODEL 6124 **VANGUARD® V-TWIN OHV 26,11 GROSS kW***
available as 24,62 Gross kW*

MODEL 38E3 **VANGUARD® EFI V-TWIN OHV 17,16 GROSS kW***
Optional electronic / Breather cyclonic cleaner

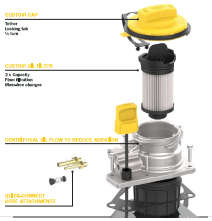
MODEL 54E3 **VANGUARD® EFI V-TWIN OHV 24,62 GROSS kW***

MODEL 61E3 **VANGUARD® EFI V-TWIN OHV 27,60 GROSS kW***
available as 26,11 Gross kW*

OILGUARD™ SYSTEM

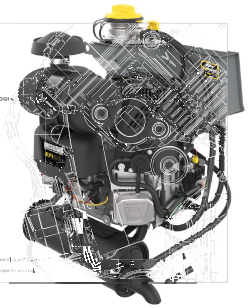
Optimizing equipment productivity and reducing downtime are the most important factors for commercial users – the Oil Guard™ technology exclusive to VANGUARD® significantly reduces the time and costs associated with oil maintenance by providing enhanced oil protection resulting in extended oil life for hard working commercial engines.

Advanced Oil Protection & Maintenance



OilGuard™ benefits:

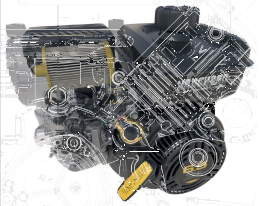
- Extended maintenance intervals – from **100** to **500 hours**
- **60%** cost savings per unit per season
- Lower labour costs
- Engine can operate continuously at angles up to **45°**
- Cleaner, easier and faster oil changes
- Thermal breakdown protection
- Fewer oil changes
- **82%** larger filter decreases oil aeration
- Wider oil opening – no mess and no need for a funnel
- Longer engine life



TRANSPORT GUARD™

One of the most common issues with petrol powered rental equipment is the operator failing to shut off the fuel supply before transporting the equipment. Failure to shut off the fuel supply results in costly oil and fuel dilution. With the innovative TransportGuard™ system, exclusive to VANGUARD® 4,85 – 9,70 Gross kilowatt engines, simply move the TransportGuard lever to shut off both engine and fuel supply simultaneously.

This system eliminates operator error and ensures trouble free equipment transportation. Problem solved.



www.VANGUARDENGINES.com

	Rated Power	Displacement	Dry Weight (kg)	Oil Capacity (l)	Dimensions (L x W x H)	Cooler / Cleaner	Air Cleaner	Electronic Oil Guard	Electronic Fuel Management	Pressurized Lubrication System	Tough Cast Iron Cylinder Liner	Forged Steel Crankshaft	Heavy Duty Rewind Starter	Stronger Forged Steel Connecting Rod	Dual Ball Bearings	Cast Iron Camshaft	Long Life Oil Filter (2 L Capacity)	Electronic Fuel Injection (EFI)	Negative Electrode	Cold Weather Package	Extended Life Oil Filter	Electronic Governor (EFI)	Electronic Throttle Control (ETC)	Electronic Ignition	Electronic Fuel Injection (EFI)	Electronic Fuel Injection (EFI)
						Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Horizontal Shaft Engines																										
1450R	0831	57	7,5	0,6	0,6	381 x 347 x 326	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1450S	0831	65	8,1	0,6	0,6	381 x 347 x 326	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1450E	0831	65	8,1	0,6	0,6	381 x 347 x 326	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1450QS	0831	65	8,1	0,6	0,6	381 x 347 x 326	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1750	1062	75	8,8	0,6	0,6	406 x 370 x 349	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® Horizontal Shaft Commercial Engines																										
VANGUARD® 950 cc OHV Twin EFI	13V5	950	37	10,5	1,6	516 x 470 x 567	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 1150 cc OHV EFI	19L2	1150	43	13,5	1,6	516 x 470 x 567	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 1150 cc OHV	19L1	1150	43	13,5	1,6	516 x 470 x 567	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
NEW VANGUARD® 400 cc OHV Single EFI	28V3	400	5,85	0,6	0,6	414 x 410 x 513	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 1400 cc OHV Twin EFI	28K4	1400	62	15,5	1,7	579 x 470 x 567	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 1400 cc OHV Twin	28K3	1400	62	15,5	1,7	579 x 470 x 567	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 1725 cc OHV Twin EFI	38E4	1725	67	15,5	1,7	579 x 470 x 567	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 1725 cc OHV Twin	38E3	1725	67	15,5	1,7	579 x 470 x 567	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 2054 cc OHV Twin EFI	54E4	2054	80	15,5	1,7	579 x 470 x 567	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 2054 cc OHV Twin	54E3	2054	80	15,5	1,7	579 x 470 x 567	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 2510 cc OHV Twin EFI	61E4	2510	90	15,5	1,7	579 x 470 x 567	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 2510 cc OHV Twin	61E3	2510	90	15,5	1,7	579 x 470 x 567	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 1000 cc OHV Single	12V3	1000	35	10,5	1,2	516 x 470 x 567	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 1150 cc OHV Single	19L1	1150	43	13,5	1,2	516 x 470 x 567	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 1150 cc OHV Single	19L2	1150	43	13,5	1,2	516 x 470 x 567	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 1400 cc OHV Single	28V3	1400	62	15,5	1,2	579 x 470 x 567	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 1400 cc OHV Twin	28K4	1400	62	15,5	1,7	579 x 470 x 567	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 1400 cc OHV Twin	28K3	1400	62	15,5	1,7	579 x 470 x 567	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® Vertical Shaft Commercial Engines																										
VANGUARD® 400 cc OHV	3064	400	10,5	0,6	0,6	414 x 410 x 513	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 570 cc OHV	3564	570	12,5	0,6	0,6	414 x 410 x 513	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 570 cc OHV	3564	570	12,5	0,6	0,6	414 x 410 x 513	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 670 cc OHV	3854	670	15,5	0,6	0,6	414 x 410 x 513	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 670 cc OHV	3854	670	15,5	0,6	0,6	414 x 410 x 513	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 670 cc OHV	3864	670	15,5	0,6	0,6	414 x 410 x 513	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 670 cc OHV	3864	670	15,5	0,6	0,6	414 x 410 x 513	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 850 cc OHV	6414	850	20,5	0,6	0,6	414 x 410 x 513	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
VANGUARD® 850 cc OHV	6414	850	20,5	0,6	0,6	414 x 410 x 513	S	S	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* Power levels are stated gross based on SAE J1940 and SAE J1995 standards by Briggs & Stratton.

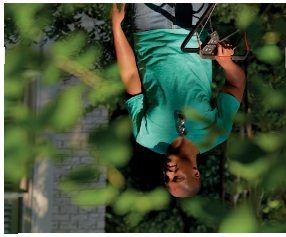
Brigg & Stratton and its logo are registered trademarks of Briggs & Stratton Corporation. Other trademarks and trade names are those of their respective owners. Copyright © 2019 Briggs & Stratton Corporation. All rights reserved.

GAME CHANGER.

VANGUARD® 200

40% Quieter Operation**	**45°** Angle of Operation	**200 HOUR** Oil Replacement
15% Lower Vibration**	**50%** Less Oil Waste*	**600 HOUR** Air-Cleaner Life

With the right power you can achieve anything.



YOU.POWERED.

Overall the Emission of the 2020 Briggs & Stratton Power Guide or the Briggs & Stratton Marketing Portal on our Briggs & Stratton Marketing Portal

www.bscmarketing.de/media

BRIGGS & STRATTON CORPORATION
WALTHERSHAUSER STR. 41
68307 SCHWETZINGEN - GERMANY
TEL.: +49 3203 615 1800
FAX: +49 3203 615 1801
WWW.BRIGGSSTRATTON.COM

BRIGGS&STRATTON

YOU.POWERED.

BRIGGS&STRATTON

2020 Briggs & Stratton® Power Guide - Europe, Middle East and Africa

YOU.POWERED.