

POWERING A WORKING WORLD  
SINGLE CYLINDER OHV ENGINES

**uni-power**  
ENGINES • TRANSMISSIONS • PARTS  
TEL: 01371 875331 [www.uni-power.co.uk](http://www.uni-power.co.uk)

KEY FEATURES

OVERHEAD VALVE TECHNOLOGY

- Optimizes combustion chamber performance resulting in reduced fuel consumption and lowered emissions.
- Lowered fuel consumption leads to lower operating costs.
- Improved emissions means lowered CO<sup>2</sup> and NO<sup>x</sup> levels.
- Longer service intervals resulting in reduced equipment down time.

ACOUSTICALLY DESIGNED MUFFLER SYSTEMS

- Improved tonal quality and lowered noise levels allow the operator to work at safe levels for longer time periods.

DUAL-ELEMENT CARTRIDGE STYLE AIR CLEANER

- Ensures the engine is protected against airborne debris at all times in the most demanding conditions.
- Long service life reduces cost of ownership.

MAGNETRON® ELECTRONIC IGNITION

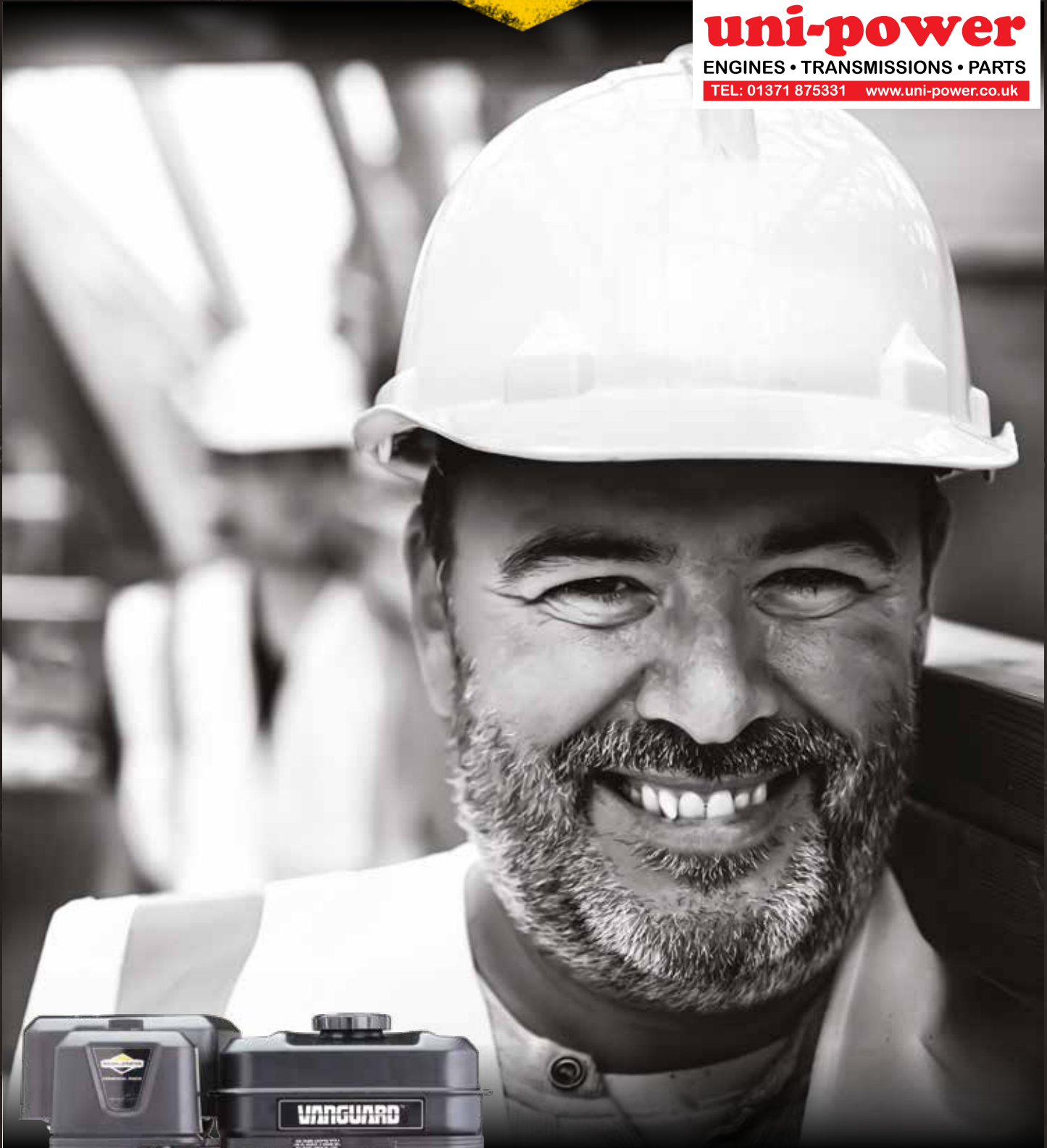
- Ensures easier engine starting even in cooler conditions.

OPTIMIZED CUBIC DISPLACEMENT

- Ensures greater power and torque delivery from the engine resulting in increased equipment productivity.

TRANSPORTGUARD™

- The TransportGuard™ system eliminates oil and fuel dilution caused during equipment transportation.\* By simply operating one switch the engine ignition and fuel supply are shut off.
- With TransportGuard™ you eliminate human error, minimize maintenance costs and eliminate down time.



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COMMERCIAL POWER

BRIGGS & STRATTON AG

WOLLERAUSTRASSE 41 8807 FREIBACH, SWITZERLAND  
TEL: +41 (0)55 415 1200 FAX: +41 (0)55 415 1201 [WWW.VANGUARDENGINES.CO.UK](http://WWW.VANGUARDENGINES.CO.UK)

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VANGUARD™ SINGLE CYLINDER  
5.5 - 13.0 GROSS HP\*



\* TransportGuard™ available on 5.5, 6.5, 8 & 10 Gross HP only.

Briggs & Stratton has a policy of continuous product improvement and reserves the right to modify its specifications at any time and without prior notice. © 2016 Briggs & Stratton Corporation. All rights reserved.

POWERING A WORKING WORLD - COMMERCIAL GRADE ENGINES



GETTING THE JOB DONE  
ENGINE SPECIFICATION

VANGUARD™



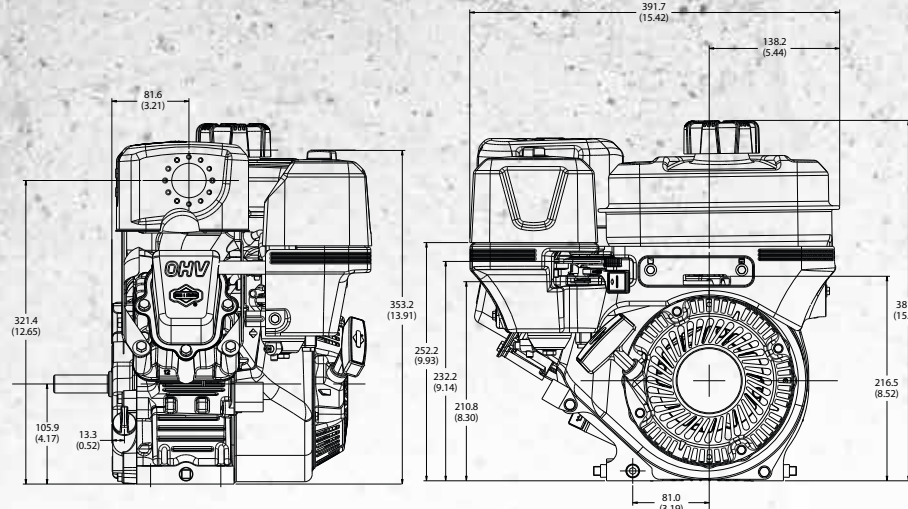
ENGINE TYPE	SINGLE CYLINDER, 4-STROKE, AIR COOLED, OHV (OVERHEAD VALVE)		SINGLE CYLINDER, 4-STROKE, AIR COOLED, OHV (OVERHEAD VALVE)		SINGLE CYLINDER, 4-STROKE, AIR COOLED, OHV (OVERHEAD VALVE)
MODEL NUMBER	13L1	13L3	19L1	19L2	2454
GROSS POWER (HP[kW/NM]) @ 3'600 RPM	5,5' [4,10/10,88]	6,5' [4,85/12,86]	8,0' [5,97/15,83]	10,0' [7,46/19,78]	13,0' [9,70/25,72]
DISPLACEMENT (CC)	205		305		392
CYLINDER	CAST IRON SLEEVE		CAST IRON SLEEVE		CAST IRON SLEEVE
BORE & STROKE (MM)	68,3 X 55,9		79,2 X 61,9		89,0 X 63,0
FUEL TANK CAPACITY (L)	3,3		3,6		4,7
OIL CAPACITY (L)	0,6		0,8		1,4
DRY WEIGHT (KG)	18,7		25,9		33,2
FEATURES	TRANSPORTGUARD™ DUAL BALL BEARING		TRANSPORTGUARD™ DUAL BALL BEARING		DUAL BALL BEARING
OPTIONAL	SUPER LO-TONE™ MUFFLER ELECTRIC START LOW OIL SENSOR TAPERED CRANKSHAFT THREADED CRANKSHAFT TANKLESS/MUFFLERLESS EVAP COMPLIANT FUEL TANK		SUPER LO-TONE™ MUFFLER ELECTRIC START LOW OIL SENSOR TAPERED CRANKSHAFT THREADED CRANKSHAFT TANKLESS/MUFFLERLESS EVAP COMPLIANT FUEL TANK		ELECTRIC START TAPERED CRANKSHAFT THREADED CRANKSHAFT TANKLESS/MUFFLERLESS



\* All power levels are stated gross kilowatts per SAE J1940 as rated by Briggs & Stratton. All torque levels are stated gross Nm per SAE J1940 as rated by Briggs & Stratton.

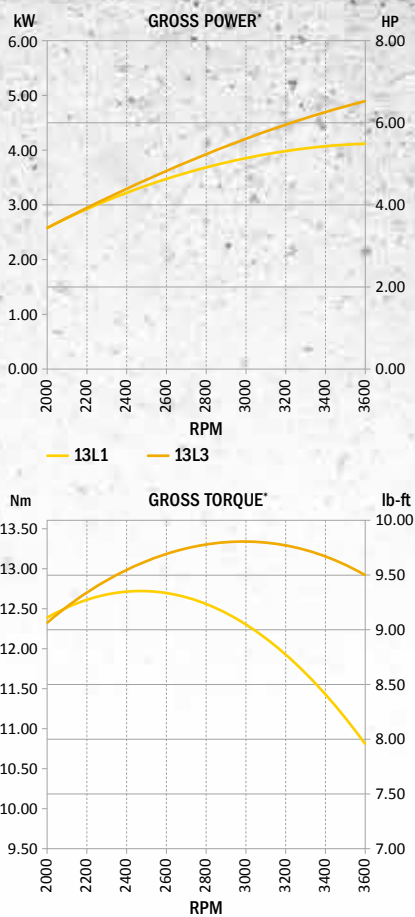
POWERING A WORKING WORLD  
ENGINE TECHNICAL INFORMATION

VANGUARD™ HORIZONTAL 5.5 - 6.5 GROSS HP\*

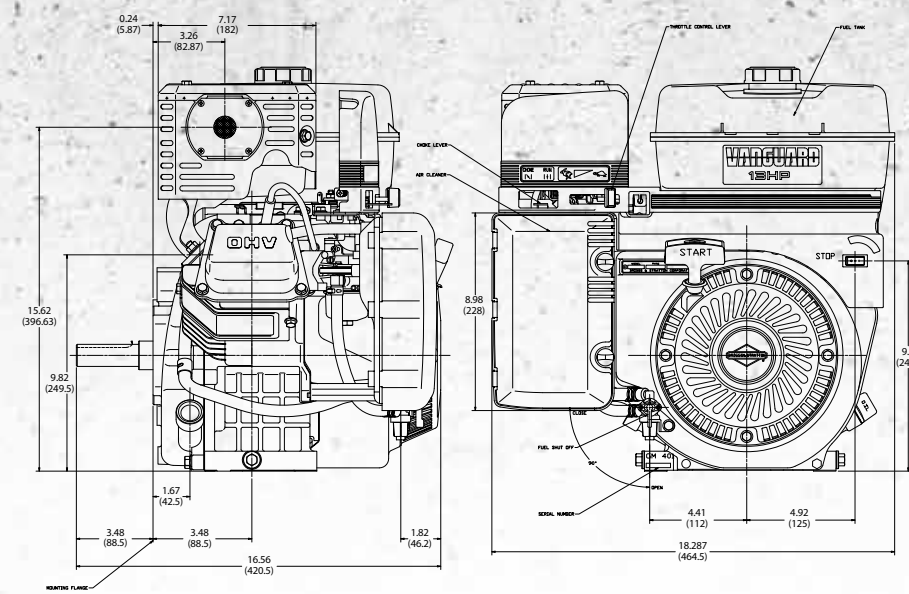


FUEL CONSUMPTION IN LITRES PER HOUR**			
FULL LOAD:	13L1	13L3	
LITRES:	2,00	2,26	

\* All power levels are stated gross HP at 3600rpm per SAE J1940 as rated by Briggs & Stratton.  
\*\* (Load @ 3'600 rpm). Fuel consumption is depending on engine configuration, application and operating conditions.

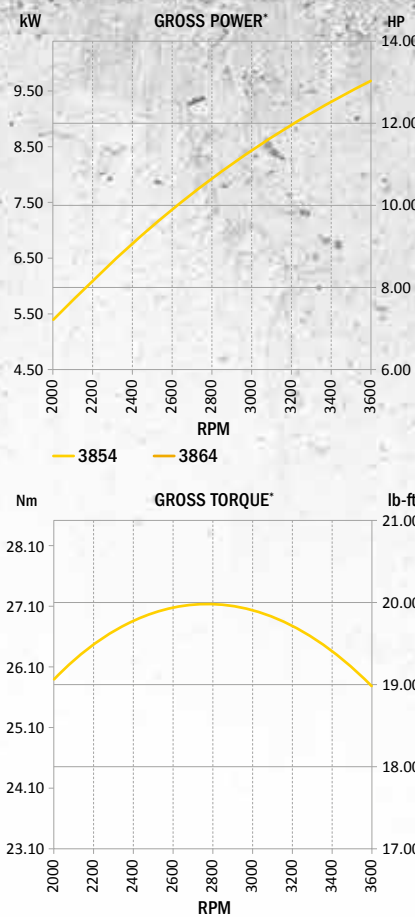


VANGUARD™ HORIZONTAL 13.0 GROSS HP\*

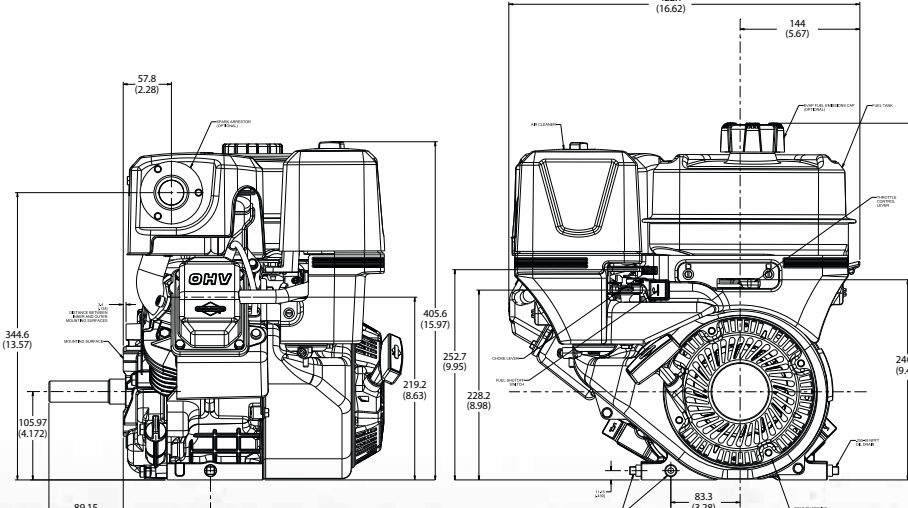


FUEL CONSUMPTION IN LITRES PER HOUR**	
LOAD:	FULL
LITRES:	4,4

\* All power levels are stated gross HP at 3600rpm per SAE J1940 as rated by Briggs & Stratton.  
\*\* (Load @ 3'600 rpm). Fuel consumption is depending on engine configuration, application and operating conditions.

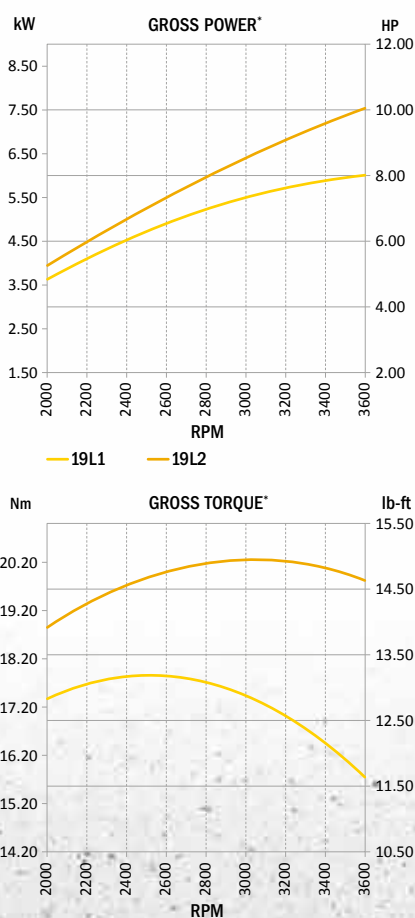


VANGUARD™ HORIZONTAL 8.0 - 10.0 GROSS HP\*



FUEL CONSUMPTION IN LITRES PER HOUR**		
FULL LOAD:	19L1	19L2
LITRES:	2,65	3,1

\* All power levels are stated gross HP at 3600rpm per SAE J1940 as rated by Briggs & Stratton.  
\*\* (Load @ 3'600 rpm). Fuel consumption is depending on engine configuration, application and operating conditions.



WITH A FLICK  
OF A SWITCH.  
TURN OFF THE  
FUEL AND IGNITION.

An exclusive to the 5.5-10HP Vanguard™ engines is the innovative TransportGuard™ system, which requires a simple flip of a switch to turn off the ignition and fuel supply. This prevents fuel flowing into the engine crankcase and diluting the oil during transportation, reducing your customers equipment down time and operating costs, ensuring the equipment arrives on site ready to work, again and again!