

XR SINGLE CYLINDER HORIZONTAL ENGINES
127cc - 420cc



XR

RELIABLE PERFORMANCE GRADE ENGINES

POWER PERFORMANCE RELIABILITY SINGLE CYLINDER OHV ENGINES

Briggs & Stratton XR horizontal shaft engines are tough, reliable and efficient. Feature for feature, they offer you the best value available for the residential and semi-professional segments you serve. Whether it's a garden tiller, a log splitter, pressure washer, water pump, or a portable generator, our XR engines provide easy starting, consistent performance, and the durability you can count on when it matters most.

KEY FEATURES

EASY STARTING

- Optimized carburetion system, high energy ignition coil and mechanical compression release valve make the XR engines easy to start in different operating conditions.

LOW FUEL CONSUMPTION

- Overhead valve technology and advanced designed combustion chamber provides exceptional fuel efficiency and consistent power.

RELIABLE AND DURABLE

- Cast iron sleeve, forged crankshaft and dual ball bearings improve engine strength and make XR engines more reliable and durable.

OVERHEAD VALVE (OHV) ENGINE DESIGN

- The advanced Overhead Valve technology improves the intake/ exhaust flow and combustion efficiency, which result in delivering higher horse power and lower fuel consumption.

CARTRIDGE AIR CLEANER WITH STANDARD PRE-CLEANER

- The high mount cartridge style air cleaner provides the first line of defence against the destructive effects of dirt ingestion. The XR engines feature a high capacity element and pre-cleaner which ensures maximum protection. With tool-less access, air cleaner serviceability is made even easier. For generator applications, the optional low mount flat panel style air cleaner is available.

LO-TONE MUFFLER

- Featuring the Briggs & Stratton Lo-Tone™ Muffler technology, the XR range is not only quiet, but also provides a high quality of sound. Deflectors and spark arrestors are also available as optional features.

ENVIRONMENTALLY FRIENDLY

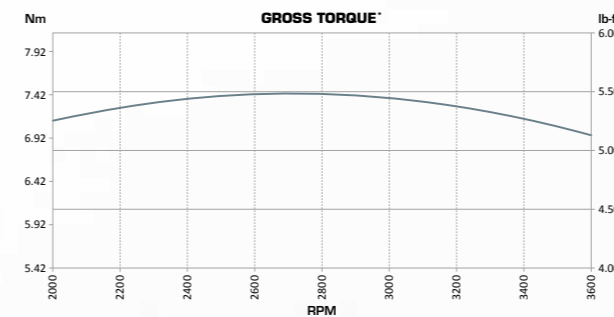
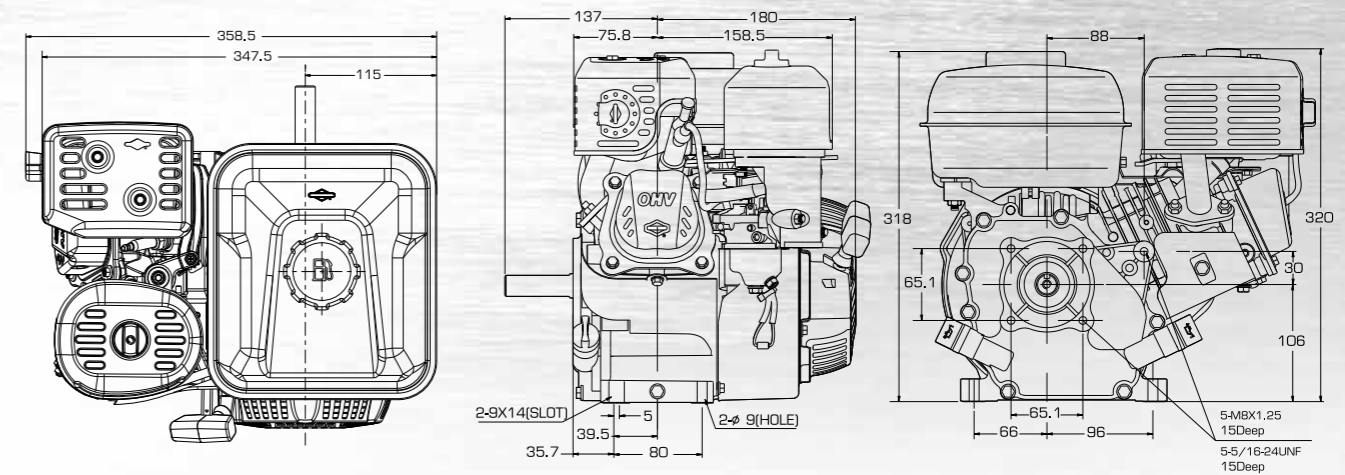
- The XR engine range complies with the most stringent emissions regulations in the world.



POWER PERFORMANCE RELIABILITY ENGINE TECHNICAL INFORMATION

XR

XR550



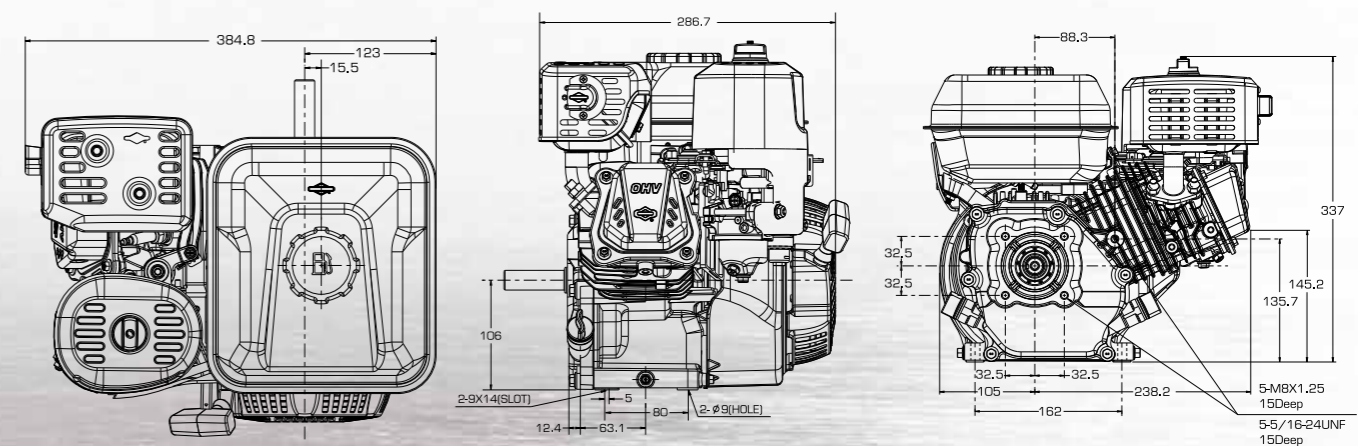
FUEL CONSUMPTION IN LITRES PER HOUR**

LOAD: FULL
LITRES: 1,26

XR550

* All torque levels are stated gross Nm per SAE J1940 as rated by Briggs & Stratton.
** (Load @ 2'600 rpm). Fuel consumption is depending on engine configuration, application and operating conditions.

XR750



FUEL CONSUMPTION IN LITRES PER HOUR**

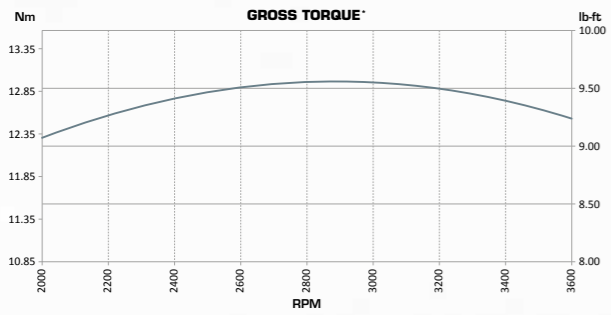
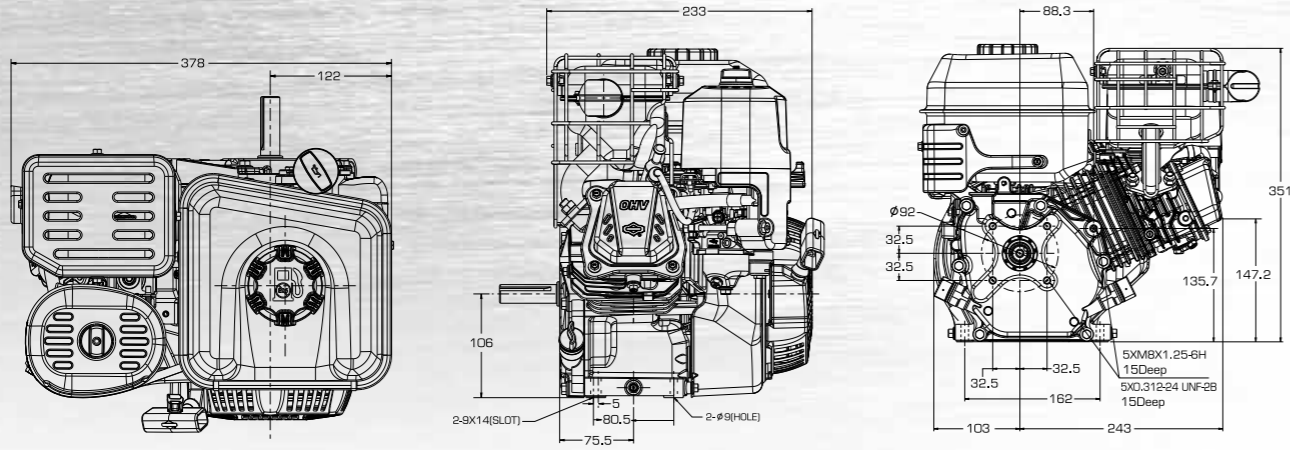
LOAD: FULL
LITRES: 1,79

XR750

* All torque levels are stated gross Nm per SAE J1940 as rated by Briggs & Stratton.
** (Load @ 2'600 rpm). Fuel consumption is depending on engine configuration, application and operating conditions.



XR950



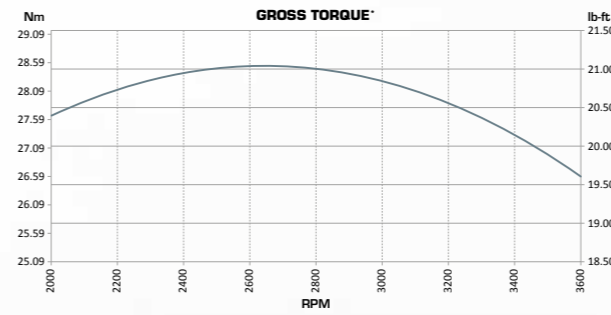
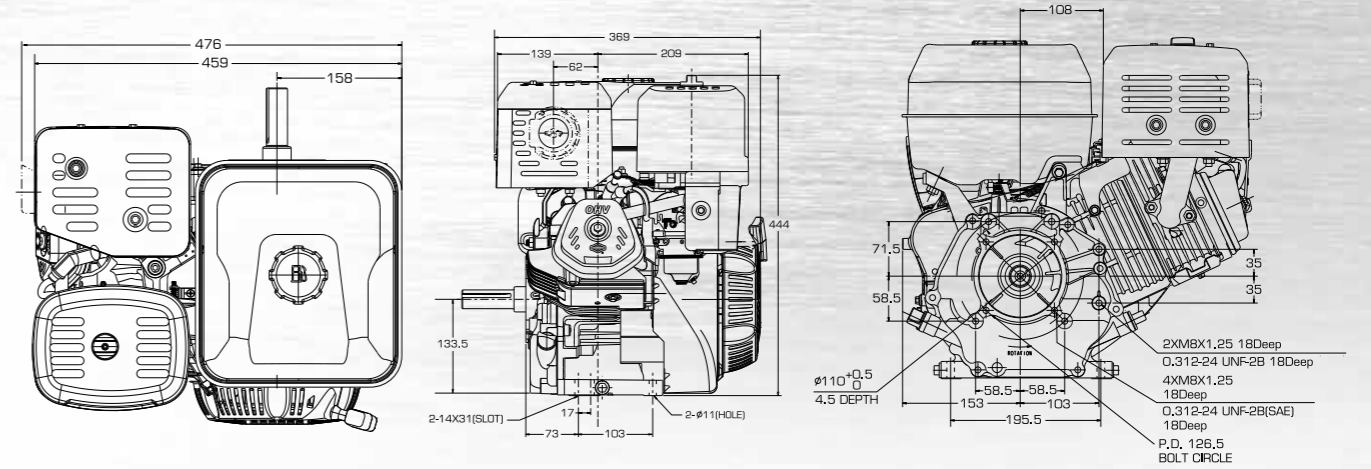
FUEL CONSUMPTION IN LITRES PER HOUR**

LOAD: FULL
 LITRES: 1,98

XR950

* All torque levels are stated gross Nm per SAE J1940 as rated by Briggs & Stratton.
 ** (Load @ 2'600 rpm). Fuel consumption is depending on engine configuration, application and operating conditions.

XR2100



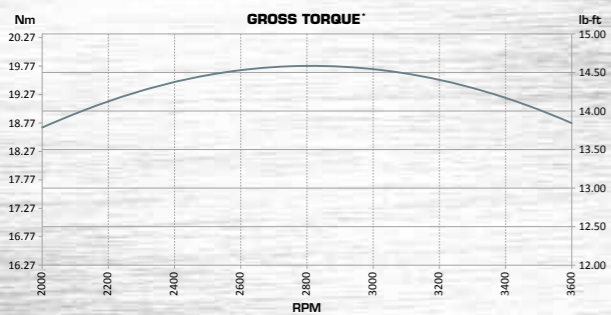
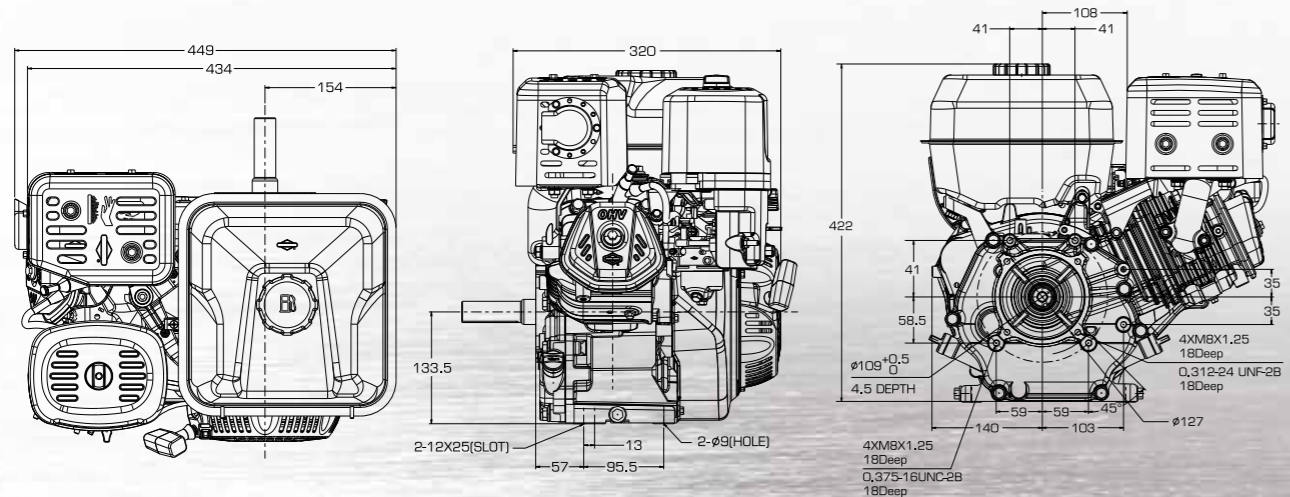
FUEL CONSUMPTION IN LITRES PER HOUR**

LOAD: FULL
 LITRES: 3,99

XR2100

* All torque levels are stated gross Nm per SAE J1940 as rated by Briggs & Stratton.
 ** (Load @ 2'600 rpm). Fuel consumption is depending on engine configuration, application and operating conditions.

XR1450



LOAD: FULL
 LITRES: 2,93

XR1450

* All torque levels are stated gross Nm per SAE J1940 as rated by Briggs & Stratton.
 ** (Load @ 2'600 rpm). Fuel consumption is depending on engine configuration, application and operating conditions.

FACTORY OPTIONS

- » Various crankshafts for application
- » 12V electric starter (306cc & 420cc)
- » Remote throttle control
- » Metric flange mount
- » SAE flange mount
- » Engine speed (2800 - 4200RPM)
- » Fixed Speed (3150 or 3750RPM)
- » Spark plug cover - EMC compliant
- » 2.6mm extended rope (127cc & 163cc)
- » Oil bath air cleaner
- » Various rewind position
- » Deflector for different outlet direction
- » 10Amp Alternator (306cc & 420cc)
- » EPA PHASE 3 emission and evaporation certificate
- » Low oil sensor
- » Panel air cleaner
- » 6:1 PTO (127cc)
- » Spark arrestor
- » Muffler/wire guard





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	0831	1062	130G
GROSS TORQUE (NM) @ 2'600 RPM	7,5*	10,2*	12,9*
DISPLACEMENT (CC)	127	163	208
CYLINDER	CAST IRON SLEEVE	CAST IRON SLEEVE	CAST IRON SLEEVE
BORE & STROKE (MM)	62,0 X 42,0	68,0 X 45,0	68,3 X 55,9
FUEL TANK CAPACITY (L)	2,0	3,1	3,1
OIL CAPACITY (L)	0,6	0,6	0,6
DRY WEIGHT (KG)	14,0	15,5	16,0
FEATURES	LO-TONE™ MUFFLER, DUAL BALL BEARING, FORGED IRON CRANKSHAFT	LO-TONE™ MUFFLER, DUAL BALL BEARING, FORGED IRON CRANKSHAFT	LO-TONE™ MUFFLER, DUAL BALL BEARING, FORGED IRON CRANKSHAFT
OPTIONAL	6:1 GEAR REDUCTION	OIL BATH AIR CLEANER	OIL BATH AIR CLEANER 2:1 GEAR REDUCTION 6:1 GEAR REDUCTION 12V STARTER (1.5A & 3A) ULTRA LOW MOUNT AIR CLEANER

ENGINE TYPE	SINGLE CYLINDER, 4-STROKE, AIR COOLED, OHV (OVERHEAD VALVE)	SINGLE CYLINDER, 4-STROKE, AIR COOLED, OHV (OVERHEAD VALVE)
MODEL NUMBER	19N1	25T2
GROSS TORQUE (NM) @ 2'600 RPM	20,0*	28,5*
DISPLACEMENT (CC)	306	420
CYLINDER	CAST IRON SLEEVE	CAST IRON SLEEVE
BORE & STROKE (MM)	82,0 X 58,0	90,0 X 66,0
FUEL TANK CAPACITY (L)	5,3	6,6
OIL CAPACITY (L)	1,1	1,1
DRY WEIGHT (KG)	25,0	31,0
FEATURES	LO-TONE™ MUFFLER, DUAL BALL BEARING, FORGED IRON CRANKSHAFT	LO-TONE™ MUFFLER, DUAL BALL BEARING, FORGED IRON CRANKSHAFT
OPTIONAL	ELECTRIC START 12V STARTER 10 AMP ALTERNATOR	ELECTRIC START 12V STARTER 10 AMP ALTERNATOR



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 ** (Load @ 2'600 rpm). Fuel consumption is depending on engine configuration, application and operating conditions.



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