

# 800 SERIES™

## SUPERIOR PERFORMANCE



High mount oil fill with straight dipstick tube for added convenience.

Large rewind engages more quickly and requires less pull force.

Dry weight less than 12kg, means less vibration and increased user comfort.

Large, tube-outlet muffler reduces noise levels and improves tonal quality.

Designed to meet CARB TIER III and anticipated EPA Phase 3 regulations.  
(Certification pending)

Air management system features commercial grade air cleaner and dual seals for less debris intake and longer element life.

A Dual element air cleaner is standard on 850 I/C and optional on 850 and 875 Series™.

ReadyStart® starting system:  
No prime, no choke, just pull for power.



**READYSTART™**



**READYSTART™**

# 800 SERIES™

The new 800 Series engines represent the top end of Briggs and Stratton's walk-behind lawnmower range. 190 cc displacement, up-to-date Overhead Valve (OHV) technology and state-of-the-art components guarantee a best-in-class engine.

# SUPERIOR PERFORMANCE



THE POWER WITHIN™



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## READYSTART® STARTING PACKAGE:

All 800 Series engines are equipped with the READYSTART® starting package. The READYSTART® system eliminates the need to manually prime or choke the engine before starting. It recognises the temperature of the engine and supplies the exact amount of fuel needed to the carburettor.

READYSTART® takes the guesswork out of starting the engine. No Priming. No choking. No worries. Just pull for power.

## S2 STARTING GUARANTEE:

Briggs & Stratton guarantees on all its READYSTART® equipped engines S2 Guarantee. This starting guarantee offers peace of mind that the engine will start within 2 pulls every time, or we will fix it for FREE\*\*.

## DEBRIS MANAGEMENT:

The ducted air cleaner housing which is placed on the 'clean' side of the engine prevents large debris from getting near the filter, extending element and engine life.

## PREMIUM AIR CLEANER:

The dual-sealing, commercial grade air cleaner element too extends element and engine life, reduces maintenance intervals, lowers oil consumption and emissions. Radial and race-track seals combine for more protection from debris than conventional systems.

## SOUND QUALITY:

Reduced noise levels through improved intake and exhaust systems. A newly designed intake system with enhanced baffling reduces noise and the large tube outlet muffler lowers noise and improves tonal quality for quiet operations.

## VIBRATIONS:

Briggs & Stratton reduced the weight of the 800 Series engines including the reciprocating components. Optimum balance guarantees transmission of less vibration to the application. And less vibration means less engine wear and greater user comfort.

## SUPERIOR PERFORMANCE:

In real-time running tests on identical decks, the 800 Series engines out performed main competitors. Your customers deserve the best. And that's just what they will get with the Briggs & Stratton 800 Series engines. Superior Performance.

### 850 SERIES™



Engine type	Single cylinder, 4-stroke, air-cooled OHV (Overhead Valve)
Model Number	12R9
Displacement (cc)	190
Cylinder	Aluminium
Bore & Stroke (mm)	68,3 x 51,8
Torque (Nm) @ 3.060 rpm	11.5*
Fuel tank capacity (l)	1.1
Oil capacity (l)	0.7
Dry weight (kg)	11.2
Dimensions L x W x H (mm)	397 x 326 x 238
Features	ReadyStart®, S2
Optional	Electric Start, Oil Filter

Load:	Fuel Consumption in Litres per Hour			
	Full	75%	50%	25%
Litres:	1.7	1.4	1.0	0.8

(Load @ 3.060 rpm). Fuel Consumption is depending on engine configuration, application and operating conditions.

### 850 SERIES™ I/C®



Engine type	Single cylinder, 4-stroke, air-cooled OHV (Overhead Valve)
Model Number	12Q9
Displacement (cc)	190
Cylinder	Cast Iron Sleeve
Bore & Stroke (mm)	68,3 x 51,8
Torque (Nm) @ 3.060 rpm	11.5*
Fuel tank capacity (l)	1.1
Oil capacity (l)	0.7
Dry weight (kg)	11.2
Dimensions L x W x H (mm)	397 x 326 x 238
Features	ReadyStart®, S2, Dual Element Air Cleaner
Optional	Electric Start, Oil Filter

Load:	Fuel Consumption in Litres per Hour			
	Full	75%	50%	25%
Litres:	1.7	1.4	1.0	0.8

(Load @ 3.060 rpm). Fuel Consumption is depending on engine configuration, application and operating conditions.

### 875 SERIES™



Engine type	Single cylinder, 4-stroke, air-cooled OHV (Overhead Valve)
Model Number	12S9
Displacement (cc)	190
Cylinder	Aluminium
Bore & Stroke (mm)	68,3 x 51,8
Torque (Nm) @ 3.060 rpm	11.9*
Fuel tank capacity (l)	1.1
Oil capacity (l)	0.7
Dry weight (kg)	11.2
Dimensions L x W x H (mm)	397 x 326 x 238
Features	ReadyStart®, S2
Optional	Electric Start, Oil Filter

Load:	Fuel Consumption in Litres per Hour			
	Full	75%	50%	25%
Litres:	1.7	1.4	1.0	0.8

(Load @ 3.060 rpm). Fuel Consumption is depending on engine configuration, application and operating conditions.

\*Note on Power Ratings:

The net power rating for individual gas engine models is labelled in accordance with SAE (Society of Automotive Engineers) code J1940 (Small Engine Power & Torque Rating Procedure), and rating performance has been obtained and corrected in accordance with SAE J1349 Engine Power Test Code - Net Power Rating. Torque values are derived at 3060 RPM; horsepower values are derived at 3600 RPM. Actual net engine power will be lower and is affected by, among other things, ambient operating conditions and engine-to-engine variability. Given both the wide array of products on which engines are placed and the variety of environmental issues applicable to operating the equipment, the gas engine will not develop the rated net power when used in a given piece of power equipment (actual 'onsite' or net horsepower). This difference is due to a variety of factors including, but not limited to, accessories (air cleaner, exhaust, charging, cooling, carburettor, fuel pump, etc.), application limitations, ambient operating conditions (temperature, humidity, altitude), and engine-to-engine variability.

\*\*For terms and conditions contact your sales representative or visit [www.BRIGGSandSTRATTON.COM/au/en](http://www.BRIGGSandSTRATTON.COM/au/en)