



Simplicity® Tractors are powered by reliable Briggs & Stratton® Engines, which offer easy starting and consumer-friendly controls and features. There are a few different air and fuel management systems used throughout the Simplicity lineup, such as Electronic Fuel Injection (EFI) on select Simplicity Prestige™ Garden Tractors. The chart below outlines the available systems and their features.

	Carbureted System	Electronic Fuel Management (EFM)	Electronic Fuel Injection (EFI)
What is it?	Commonly-used manual choke system	Automatic choke system	Fuel injection system
Starting	Easy	Easier	Easiest
Optimizes Starting in Cold and Hot Temperatures	NO	YES	YES (This system is similar to the system in a car.)
Air Flow Measurement and Management	Operator manually controls air flow into carburetor with a choke lever.	System monitors engine temperatures, speed, time and battery voltage to adjust the choke automatically, controlling the air flow into the carburetor during engine starting and warm-up.	Electronic system continuously measures and optimizes engine temperatures, speed, time and battery voltage to control the fuel flow relative to the air flow to make sure it has the right mixture.
Fuel Control	Carburetor pulls fuel in	Carburetor pulls fuel in	Fuel injector injects and controls fuel directly (no carburetor) relative to the air that is flowing in

Note: The ReadyStart® no choke starting system on some Briggs & Stratton® Engines is similar to EFM, however, it does not have an electronic actuator to control the airflow into the carburetor. Instead, it includes a spring that adjusts automatically based on the heat of the muffler to open/close the choke.

## WHY EFI

### SAVES MONEY

With up to 15% fuel savings\* compared to a standard carbureted engine, EFI makes the engine run more efficiently, which can not only save money on fuel costs, but is easier on the environment as well.

### CONSISTENT, RELIABLE STARTING

The engine starts easily with the simple turn of a key under almost any condition – hot or cold – just like a car.

### SMARTER POWER

Load sensing delivers the necessary power for a smoother, more consistent power delivery whether the tractor is on an incline or on thick, wet grass, which optimizes the quality of cut even further.

### FUEL PROTECTION

A sealed fuel system keeps air out, which preserves fuel longer and helps maintain freshness, reducing starting issues.



\*Fuel savings may vary based on operating conditions.