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UNDERSTANDING TORQUE: THE POWER TO MOW YOUR LAWN

What you will need to know...

One of the most important parts of your lawn mower or other outdoor power equipment is the engine. That's why it is important to understand the basics of choosing an engine – not just the equipment itself. What's inside does count – a lot!

Background...

Throughout its long history, Briggs & Stratton has produced engines that provide the power to help you get jobs done around your yard. We now measure the power of some of our engines in terms of torque rather than horsepower. Torque is the most direct way to measure the power you need in a walk-behind mower and other yard care equipment such as pressure washers and tillers.

The Basics...

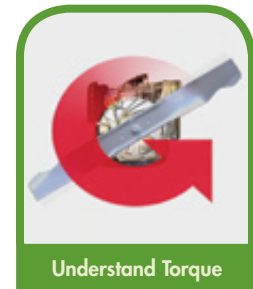
1 **Torque** is a method of rating an engine's power output and work capability. Horsepower and cubic centimeters, or cc's, are other ways to rate engine power, but torque is a more direct measure of power when it comes to your walk-behind lawn mower. Torque is a measure of rotational power – the exact type of power needed to turn your lawn mower blade to mow your lawn.

You can see examples of torque all around you in everyday life. Turning a wrench produces torque – the rotational power you apply to the wrench to tighten a bolt, in this case. The rotational force you use to swing a golf club demonstrates torque, and so does swinging a golf club where the rotational force is applied by the club to the ball.

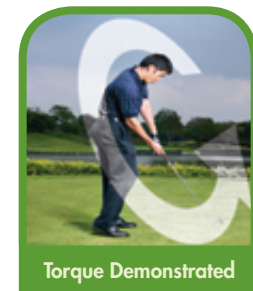
2 **Gross torque** as a power rating measures the power *delivered to the cutting blade* of your mower. An engine with **more torque will produce more rotational power to the blade**, making cutting your lawn easier - and it will allow you to mow even thick, tall grass without the engine bogging down.

The higher the gross torque rating, the more power the engine will produce to get the job done.

When you shop for a lawn mower, pressure washer or other outdoor power equipment, **look for the gross torque rating on the engine.** To learn more about our engines, which can be found in several brands of mowers, **visit www.briggsandstratton.com.**



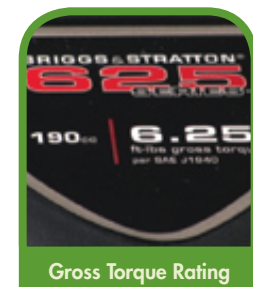
Understand Torque



Torque Demonstrated



Easier Cutting



Gross Torque Rating