Q: Why are **horsepower ratings** used **on riding lawnmowers**?

A: Unlike a walk-behind, the power in a riding lawnmower engine is distributed to the transmission, wheels, hydraulics, and the cutting blades through various gear ratios. So a horsepower rating is a more meaningful measure of a riding lawnmower's ability.

Q: What does **torque** mean **in a pressure washer**?

A: As the torque level increases on a pressure washer, the unit's potential psi and cleaning capacity also increases.

Q: What does **torque** mean **in a generator**?

A: As the torque level increases on a generator, the unit's potential energy output (in watts) also increases.

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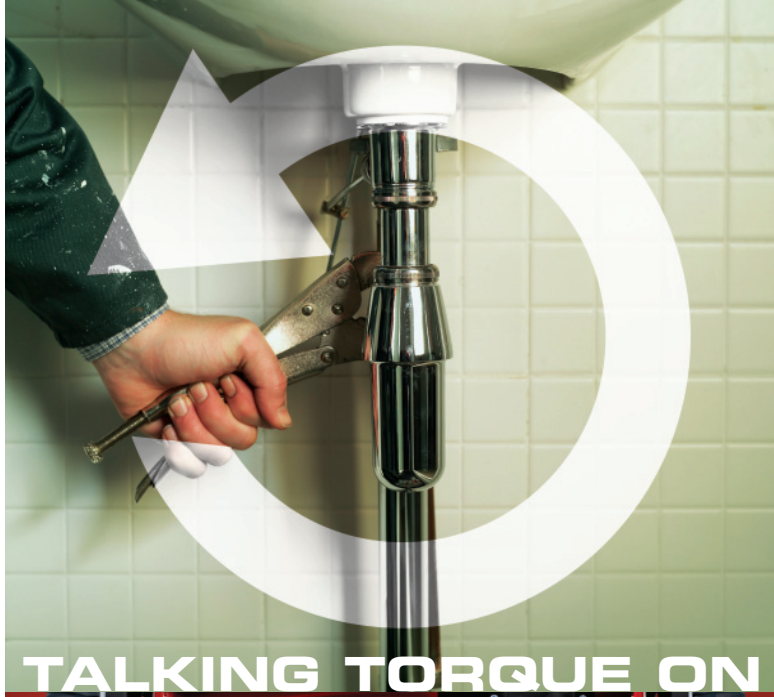
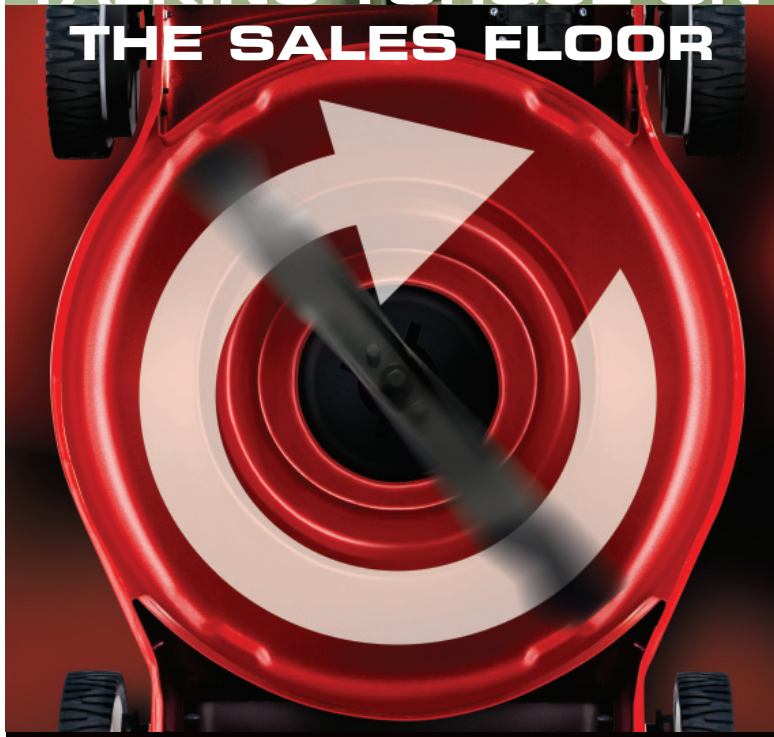


TALKING TORQUE ON THE SALES FLOOR



POWERED BY BRIGGS&STRATTON

This sales tool will help you sell power equipment and answer customer questions regarding torque ratings used on Briggs & Stratton engines.

Briggs & Stratton is taking the lead in the power equipment industry by using torque to describe an engine's power output and capability. Historically, horsepower has been the most common way of measuring the power of an engine.

torque is the immediate twisting or rotational force a machine can produce at a given moment.

horsepower is the rate of doing work over time.

cc (cubic centimeters) is the volume of the engine's cylinder chamber.

The most important thing to tell customers is that gross torque is a more direct way to measure the turning force an engine can produce. That is what matters most in outdoor power equipment engines.

Questions/Answers:

Q: Why is a **torque rating** used instead of horsepower?
A: Briggs & Stratton now uses torque ratings because it more directly describes the cutting capability and job capacity of a walk-behind mower.

Q: Is torque **something new**?
A: No. Measuring the torque an engine can produce has been used as long as modern internal combustion engines have been around.

Q: Can you give me an **example of torque**?
A: Using a wrench is a good example. The power you get as you turn the wrench is rotational power. This is the same type of power that's in a spinning lawnmower blade.

Q: **Can I compare** the torque rating to the horsepower rating on my old mower?
A: No. Torque and horsepower are two different things. Torque is a more direct way to measure the turning force an engine can produce.

Q: **How do the torque ratings work**?
A: The higher the torque rating, the more turning force there is available.

Q: Do I want **more CC's or more torque**?
A: You want more torque. The higher the torque rating, the better your lawnmower will cut through tall, thick and wet grass without bogging down.

Q: What do the **series numbers represent**?
A: Series numbers represent different engine features, but also correlate with the engine's torque rating. For example, a 650 series engine will have a 6.5 torque rating.

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