



2020 TURF MANAGEMENT



AERATOR

LEGENDARY STRENGTH. INCREASED MANEUVERABILITY. PRODUCTIVITY MEANS PROFITABILITY.

AERATION TIMING



WHY AERATE:

Along with mowing, watering, fertilizing and pest control, aeration is an important part of turf care. While there are several different types of aeration, hollow tine or "core" aeration is the most common technique for residential and commercial properties.

There are a number of reasons to core aerate, but the main benefits are to:

1. Relieve compaction—Compacted soil reduces the amount of pores, which are essential for gas exchange and water retention.
2. Improves gas exchange—Gas exchange is critical for proper root respiration. The more pores available for oxygen, the healthier the root system.
3. Improves soil drainage—Improved drainage means that more water is percolating into the soil from natural precipitation or irrigation. This means less run-off and more water getting to where it needs to go. Poor soil drainage also increases the possibility for disease.

Bottom line: Aeration improves the overall health of the turf.

WHEN TO AERATE:

The best time to aerate depends upon the type of turf. Aeration should occur during periods of active growth to help with the recovery. Typically, warm season grasses are aerated in late spring and early summer. The ideal time to aerate cool season grasses is early fall, but they can also be aerated in spring. Aeration should be done before application of pre-emergents.

Aeration should be avoided at certain times. For example, cool season grasses should never be aerated during times of high stress (summer). Warm season grasses should not be aerated preceding dormancy (fall).



30" STAND-ON AERATOR

Outfitted with intuitive controls similar to those found on our commercial-grade mowers, the Exmark® 30" Stand-On Aerator is incredibly easy to operate just about anywhere. And, working at speeds up to 7 mph, it enables operators to aerate more than 1.8 acres per hour.



24" STAND-ON AERATOR

Our compact 24" Stand-On Aerator gives operators even more maneuverability making it possible to access smaller yards, more quickly—without operator fatigue. With drive speeds up to 6.8 miles per hour, it can aerate nearly 1.4 acres per hour.



21" WALK-BEHIND AERATOR

The Exmark Walk-Behind Aerator—hands down, the best in the business—is another example of our team's innovative thinking. Sturdy and durable, this high-performance, easy-to-use machine can aerate in both forward and reverse, and also features a hydro transmission with infinite speed from 0 to 4 mph.



Productivity is the key to profitability for your business, and our aerators cover from one to two acres per hour with intuitive controls, maneuverability and straightforward operation. Whether you're looking for the versatility of our compact walk-behind aerator or the unmatched productivity of our stand-on aerators, Exmark delivers top-notch performance, durability and ease of use.



INTUITIVE CONTROLS

The simple, intuitive controls—similar to commercial mowers—give landscape pros easy operation, zero-turn agility, precise control and fatigue-reducing ergonomics.



COMMERCIAL DURABILITY

Equipped with commercial-grade engines, these sturdy and durable machines are built to last and deliver the performance you need time after time.



GO ANYWHERE

The 24" Stand-On Aerator has a total width of 35.5-inches, giving it the ability to fit through a 36-inch gate. This makes it possible to access more yards, quicker, without the fatigue typically experienced with a small walk-behind aerator.



ELECTRONIC DEPTH CONTROL

With the ability to easily set tine depth between 0.5" and 5", the Electronic Depth Control allows operators to maintain consistent core quality around a property. (Stand-on aerators only)



SPREADER ATTACHMENT

With an 80-lb. seed capacity, the spreader attachment enables landscape pros to offer over-seeding in conjunction with aeration programs. The versatility significantly increases the productivity in revenue potential of the machine. (Stand-on aerators only)



PRODUCTIVITY LEADS TO PROFITABILITY

Drive speeds up to 7 mph allow operators to aerate more than 1.8 acres every hour.* Therefore, businesses can aerate more properties, in less time, to become even more profitable.



REDUCED OPERATOR FATIGUE

Enhancing both productivity and profitability, our ergonomically designed, stand-on aerators are less taxing to operate. The full-floating platforms on these machines adjust ride comfort to the weight of the operator, increasing comfort and decreasing fatigue.



EXCEPTIONAL CORE QUALITY

Our models feature durable, heavy-duty, self-cleaning tines and pull 4.6 quality plugs per square foot. Our stand-on's hydraulic down-pressure can be used to pull up to five-inch plugs.

*Productivity based on 80% efficiency rating. See back for more details.

20" SLICER SEEDER

THREE-IN-ONE.
IMPROVED GERMINATION.
COMMERCIAL GRADE.



Engineered to verticut, dethatch and overseed with every pass, Exmark's 20-inch Slicer Seeder makes it easier than ever to realize better results—and greater efficiency.

WHY SEED

WHY USE A SLICER SEEDER:

A slicer seeder, or slit-seeder, is ideal for overseeding established lawns. It cuts through the thatch layer and into the soil before dropping the seed, which boosts seed-to-soil contact. This puts the seed in a far better position to germinate and begin root development, increasing the success of overseeding operations.

WHEN TO OVERSEED:

In the northern U.S., overseeding is most commonly performed in the early fall and spring, while in the south, summer overseeding is typically the standard. Overseeding should take place during periods of active growth. With cool-season turf varieties, it's best to avoid overseeding in the hottest parts of the season. Overseeding warm-season grasses in the summer often delivers the best results because of their need for increased soil temperature for successful germination.



LARGE-CAPACITY SEED HOPPER

With its 40-pound seed hopper, our Slicer Seeder can help you handle big jobs without constantly stopping for more seed. So you get done faster.



COMMERCIAL-GRADE PROFITABILITY

We know that landscape pros' livelihoods revolve around increasing service offerings in an effort to maximize profitability, and our 3-in-1 Slicer Seeder functionality will help them do just that.



DURABLE STEEL BLADES

High-carbon steel blades remove thatch while providing maximum seed-to-soil contact. This enables superior germination and emergence for a healthy, great-looking lawn.

36" ROTARY BROOM

MULTI-SEASON VERSATILITY.
SIMPLE MAINTENANCE.
COMMERCIAL DURABILITY.



Whether gathering clippings, dethatching, or removing snow and ice, the Exmark Rotary Broom provides true four-season versatility. It's an essential tool for landscape pros—or anyone with a large property to maintain. And, because it's an Exmark, you can be assured that it will provide years of reliable service.

WHY DETHATCH

Thatch is a buildup of organic material that does not easily decompose, like leaf sheaths, roots and stems.

Thatch buildup can:

1. Make the turf more susceptible to disease pathogens and insects, which can cause significant damage to the overall health of the turf.
2. Impede healthy root development, which reduces the turf's ability to defend against drought conditions.
3. Slow the exchange of gases between soil and atmosphere, which is important for healthy root development.
4. Reduce the intake of water from natural precipitation or irrigation, increasing run-off.

The generation of thatch varies from area-to-area, depending on turf type, soil conditions and general maintenance practices. The ideal time to dethatch is when the turf is actively growing to help with recovery. Reducing and removing thatch can be done a number of ways. Rotary brooms and turf rakes do an excellent job of removing thatch. Aeration is also an effective way to break up the thatch layer, and should be done in conjunction with thatch removal for optimal benefits.



SIMPLE HEIGHT ADJUST

The broom height can be fine tuned quickly and easily in 1/8-inch increments by simply moving two pins. This makes leveling essentially foolproof, and allows for precise surface engagement.



DESIGNED FOR DURABILITY

You can adjust the commercial-grade Kohler® Command PRO® engine for multi-season use by simply rotating the air intake. Exmark's patented clutching mechanism for the drive system aids in steering the rotary broom.



USER-FRIENDLY CONTROLS

Independent control levers engage the broom and drive systems separately. That means you only sweep what needs sweeping. Adjust the broom angle 40 degrees with a simple thumb latch.

COMPARISON CHART

21" AERATOR



WORKING WIDTH 21"
ENGINE Kawasaki® FJ180V KAI
FUEL CAPACITY 1 Gallon
TRANSMISSION Hydro-Gear® T2
TIRES Front Tires: 11 x 4-4 Rear Tires: 10 x 2.75-5.5 solid
SPEED Up to 4.0 mph
DRIVE #40 chain
NUMBER OF TINES 36 Coring Tines
CORE DEPTH 2" to 3"
WARRANTY* 1-Year Limited

24" STAND-ON AERATOR



WORKING WIDTH 24"
ENGINE 14 HP¹ Kohler CH440 Command PRO
FUEL CAPACITY 1.85 Gallons
TRANSMISSION Hydro-Gear ZT3100
TIRES Front Tires: 11 x 4-5 Semi-Pneumatic Rear Tires: 16.5 x 4-8
SPEED Up to 6.8 mph
DRIVE #50 chain
NUMBER OF TINES 36 Coring Tines
CORE DEPTH 0.5" to 5" Set with Electronic Depth Control
WARRANTY* 1-Year Limited

30" STAND-ON AERATOR



WORKING WIDTH 30"
ENGINE 15 HP¹ Kawasaki FS541
FUEL CAPACITY 5 Gallons
TRANSMISSION Hydro-Gear ZT3100
TIRES Front Tires: 13 x 5-6 Semi-Pneumatic Rear Tires 16 x 6.50-8
SPEED Up to 7.0 mph
DRIVE #50 chain
NUMBER OF TINES 48 Coring Tines
CORE DEPTH 0.5" to 5" Set with Electronic Depth Control
WARRANTY* 1-Year Limited

20" SLICER SEEDER



SEEDING/SLICING WIDTH 20"
ENGINE 9.5 HP¹ Kohler CH395 Command PRO
FUEL CAPACITY 1.6 Gallons
CLUTCH Warner Mag-Stop
TIRES 11 x 4-4
CUTTING DEPTH Adjustable up to 1" deep
HOPPER SIZE 40 lbs.
SPEED 0-3.8 mph forward.
WARRANTY* 1-Year Limited

36" ROTARY BROOM



BROOM WIDTH/DIAMETER 36"/25"
ENGINE 7 HP¹ Kohler CV270 Command PRO
FUEL CAPACITY 1.08 Gallons
CLUTCH Engine Belt Tensioner
TRANSMISSION Friction Disc
TIRES 15 X 5.00-6
BROOM ANGLE 40° total, 20° left and 20° right
SPEED 6 forward, 2 reverse
WARRANTY* 1-Year Limited

¹For complete warranty details, visit exmark.com or your local dealer.

¹The gross horsepower of these gasoline engines was laboratory rated at 3600 or 4000 rpm by the engine manufacturer in accordance with SAE J1940 or SAE J2723. As configured to meet safety, emission and operating requirements, the actual engine horsepower on these mowers may be significantly lower.



THE ONLY PARTS WORTHY OF BEARING OUR NAME.



PARTS PLUS

IT'S OVERNIGHT—OR FREE

If we don't have the Exmark® part that you need in stock, we'll get the part and have it available to you on the next business day, or it's on us.*



PERFORMANCE PRODUCTS

Each specially formulated to maximize the performance and life of our hard-working engines.



GO ORIGINAL

Only Exmark has the expertise and know-how to provide the right parts specifically designed for your machine.

EXMARK MFG. CO., INC.

415 Industrial Row | Beatrice, NE 68310 | 402.223.6300 | www.exmark.com    

***Parts Plus:** Restrictions apply; please contact your Exmark dealer for further details. Dealer participation is optional. Program not available in Hawaii and Canada.

¹ The gross horsepower of these gasoline engines was laboratory rated at 3600 rpm by the engine manufacturer in accordance with SAE J1940 or SAE J2723. As configured to meet safety, emission and operating requirements, the actual engine horsepower on these mowers may be significantly lower.

Products depicted in this literature are for demonstration purposes only. Actual products offered for sale may vary in use, design, required attachments and safety features. We reserve the right to improve our products and make changes in specifications, designs and standard equipment without notice and without incurring obligation. For additional product information including

operation manuals, safety materials and warranty details, please visit www.exmark.com or see your dealer for complete details.

Many manufacturers use 100% efficiency ratings for sale purposes. Exmark believes an 80% efficiency rating is more representative of actual conditions, as it allows for turns and overlapping. Formulas for calculating 1,000 Square Feet Per Hour Productivity: **100% efficiency:** MPH x Aerating width x 0.44 | **80% efficiency:** MPH x Aerating width x 0.352

Exmark® is a registered trademark of Exmark Mfg. Co., Inc. Kohler® is a registered trademark and Kohler® Command PRO® is a trademark of Kohler Co. Kawasaki® is a registered trademark of Kawasaki Motors Corp. Hydro-Gear® is a registered trademark of Hydro-Gear.

© 2020 Exmark Manufacturing Company, Inc. All rights reserved. Printed in the U.S.A. 2020. Form No. 142-3329