



2019 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

Exmark's new 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

Exmark walk-behind aerators—hands down, the best in the business—are another example of our team's innovative thinking. Sturdy and durable, these high-performance, easy-to-use machines can aerate in both forward and reverse, and also feature 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 on 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 the ability 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.

SPREADER-SPRAYER

**INCREASED VERSATILITY.
EASY TO MANEUVER.
IMPROVED PROFITABILITY.**

SPREAD OR SPRAY



As competition in the maintenance category increases, a growing number of landscape professionals have started to offer lawn care services. This includes fertilizer application, as well as the application of weed- and pest-control chemicals.

One key to maximizing the profitability of your fertilizer and chemical application program is selecting the right equipment.

WHY USE A STAND-ON SPREADER-SPRAYER?

With the ability to apply both liquid and granular material, stand-on spreader-sprayers have revolutionized the application of fertilizer and chemicals to lawns. A stand-on spreader-sprayer gives you the ability to apply a wider variety of materials in less time, with increased safety compared to hand-held or walk-behind equipment.

Recent advances in stand-on spreader-sprayer technology allow landscape professionals to deliver high-quality lawn care services more profitably than ever. Machines such as the Exmark Spreader-Sprayer offer a number of distinct advantages compared to earlier spreader-sprayer machines, including increased maneuverability, fingertip controls and more versatile sprayer and spreading systems. This gives operators the ability to do more with each pass of the machine.

WHEN TO APPLY FERTILIZER AND CHEMICALS:

Fertilizer and chemical applications are an exception to the seasonal model of many lawn care services. In most locations across the U.S., there is a consistent need and customer demand for fertilizer and chemical application.

Bottom line: The addition of a stand-on spreader-sprayer is a potential profit generator all season long.

ACCESSORIES



ANTI-SIPHON ASSEMBLY



HOPPER SCREENS



HOSE TRAY — 15 FT.

Also Available:
Spray Nozzles

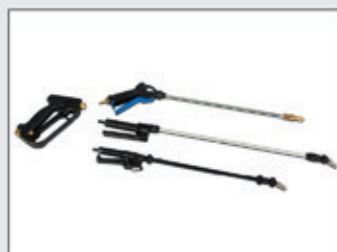
Accessories may not fit each model. Please visit exmark.com or check with your dealer on accessory fit-up for each model.



MULTIPURPOSE BAG



30-FT. EXTENDED HOSE LENGTH WITH HOSE TRAY



SPRAY WANDS



Exmark's spreader-sprayer is far and away the most advanced machine in its category. Extremely easy to operate and maneuver, it features our most advanced lean-to-steer technologies, outstanding versatility and amazing stability—even on hillsides. Couple that with outstanding durability and you have a spreader-sprayer that is built to last.



LARGE HOPPER CAPACITY

The large hopper can hold 175 pounds and is equipped with a soft, easy-to-remove cover. The carrier on top of the tank can also hold an extra 50-pound bag of dry material for the spread system.



SPRAY TANK

For greater efficiency, a single 20-gallon tank, with one fill location, keeps you spraying longer with fewer fill-ups.



STABILITY

Designed for performance, the 53-inch turning radius of this machine also provides operators outstanding stability—even on uneven terrain.



INTUITIVE CONTROLS

Everything you need is right at your fingertips—allowing you to make easy adjustments while maintaining total control.



AGITATION SYSTEM

The in-tank agitation system keeps materials in suspension for more even, consistent coverage. This allows operators to use a wider range of materials, from flowable solids to wettable powders.



MANEUVERABILITY

Our innovative lean-to-steer technology design allows the operator to control all motion with just one hand. Allowing the operator to easily maneuver around properties with reduced effort.



PROFITABILITY

The 2-in-1 capabilities of the Spreader-Sprayer gives operators the choice to spread granular or spray liquid fertilizer with each pass of the machine. With the ability to cover more properties in less time, operators are more profitable.



VERSATILITY

This machine gives operators the choice to spread or spray efficiently, allowing them to provide the services their customers need, when they need it.

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. Because of their need for increased soil temperature for successful germination, overseeding warm-season grasses in the summer often delivers the best results.



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. Six forward and two reverse positions mean you can handle any job efficiently and effectively.



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

20" SLICER SEEDER



SEEDING/SLICING WIDTH
20"

ENGINE
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
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
200 RPM

WARRANTY*
1-Year Limited

SPREADER-SPRAYER



ENGINE
Kohler CH395 Command PRO

FUEL CAPACITY
1.59 Gallons

TRANSMISSION
Hydrostatic

SPEED
Up to 5.5 mph

TIRES
Front Tire: 13 x 6.5-6
Rear Tire: 18 x 7.5-8

SPREADER SYSTEM
Spread Width:
Adjustable from 4 ft. up to 22 ft.
Hopper Capacity:
175 lbs, plus 50 lbs on spray tank
Spinner Motor: 12 VDC, 2 hp motor

SPRAY SYSTEM
Tank Capacity: 20 Gallons
Spray Width:
Wide Spray up to 11 ft. wide
Narrow Spray up to 5 ft. wide
Spray Rate:
Wide—0.69 gpm at 30 psi, 0.80 gpm at 40 psi
Narrow—0.35 gpm at 30 psi, 0.40 gpm at 40 psi

WARRANTY*
1-Year Limited

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
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
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
2" to 5"

WARRANTY*
1-Year Limited

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



ENGINEERED BY US.
TRUSTED BY LANDSCAPE PROS.
READY TO WORK FOR YOU.



For nearly three-and-a-half decades, Exmark® has been synonymous with the world's most technologically advanced, durable, comfortable and low-maintenance turf care equipment. These are just a few of the reasons why top landscape pros trust Exmark 2-to-1 over the next best-selling brand of zero-turn mowers,* time and again relying on our products to create unmatched results and profit potential. Whether you're a pro, or a homeowner with a lot of lawn to beautify, striving to gain more time for life's most important moments is an aspiration that's shared by everyone—and we strive to make that a reality for you.

LANDSCAPE PROS TRUST EXMARK
2-TO-1 OVER THE NEXT BEST-SELLING
BRAND OF ZERO-TURN MOWERS.

*Based on U.S. Data study by Wiese Research Associates, Inc. Market Share and Additional Equipment Study (February 2016).

WALK-BEHINDS

When designing and building our walk-behind mowers, we did our homework. We packed more technology and performance into each mower. Our mowers deliver precise lawn trimming with versatile handling and reliable quality.

COMMERCIAL 21
S-Series
X-Series

COMMERCIAL 30

METRO®
• Pistol Grip & ECS Controls

VIKING®
• ECS Controls

TURFTRACER®
S-Series
• ECS Controls
• Propane
X-Series
• ECS Controls
• Propane

ZERO-TURN RIDERS

We set our bar high so that you can get the best value from a zero-turn mower that is high-performing, ergonomic and easy to maintain.

QUEST®
E-Series
S-Series

RADIUS®
E-Series
S-Series
• Suspension Platform
X-Series

LAZER Z®
E-Series
• Suspension Platform
• Rear Discharge
S-Series
• Propane
• Smart Controller
• RED Technology
X-Series
• Suspension Platform
• Rear Discharge
• RED Technology

LAZER Z DIESEL
• Side-Discharge
• Rear-Discharge
• Rear-Discharge with Flex Wings
• RED Technology

NAVIGATOR®
• Dedicated Bagger

TURF MANAGEMENT

There's more to lawn care than just mowing. You can also aerate, seed, dethatch and sweep to keep your lawn looking its best. Our landscaping equipment is everything you need to perform the most advanced turf renovation and maintenance services.

SLICER SEEDER

AERATOR
21" Walk-Behind
24" Stand-On
30" Stand-On

ROTARY BROOM

**SPREADER-
SPRAYER**

STAND-ON

The all-new Staris stand-on zero-turn rider raises the bar for stability, ease of use and operator comfort, with the commercial performance, productivity and durability Exmark customers expect.

STARIS®
E-Series
S-Series



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.

2101 Ashland Avenue | Beatrice, NE 68310 | Call 402.223.6300 | Fax 402.223.6384 | 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.

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 mowing 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

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