

Professional Grade

NEW PRODUCT HIGHLIGHTS // **AERATORS**

TIME TO AERATE

IT'S WORK BUT IT'S WORTH IT

BY CURT HARLER AND SETH JONES

1. ProCore SR

The **TORO** ProCore SR Series of deep-tine aerators works to alleviate subsurface soil compaction on greens, fairways and other areas. The eight models in the ProCore SR Series are available in widths from 48 to 75 inches wide and depths up to 16 inches. They have hydraulic remote depth adjustment, which allows the operator to change depths without getting off the tractor. A wide range of solid and coring tines are available for specific aeration applications. Models 864 and 1298 have precision-balanced coring heads to eliminate hopping, rocking and unnecessary vibration. With its 64-inch coring width, the 864 can aerate 1.5 acres per hour. The 1298 can do 2.3 acres per hour with its 98-inch coring width. Available in three-point mount and PTO drive. toro.com

2. Aercore 2000

The Aercore 2000 has a full 80-inch coring swath. Designed to produce good quality coring holes up to four inches deep, this **JOHN DEERE** unit can cover 100,066 square feet per hour. Its heavy-duty frame, tine rams and adjustable hole spacing makes this aerator durable and versatile. Operators have a choice of two coring patterns — a 2.4-inch pattern or a 3.2-inch pattern, depending on the speed of movement. Flexi-link supporting arm keeps tines perpendicular to the ground longer for producing up to 1,200,800 high-quality holes per hour. There are six tine options to choose from. Johndeere.com

3. Greensaire 24

JACOBSEN says its Greensaire 24 walk-behind aerator gives superintendents "unparalleled core hole quality"

RELIEVING COMPACTION, removing thatch and getting the root zone some much-needed oxygen are just a few reasons crews are out there running aerators across the country. It takes long hours and hard work, but admit it: the sound of an aerator pounding the ground is the sound of progress.

which promotes faster turf healing — allowing play to resume earlier. The unit's maneuverability allows for tight turns on undulated turf without causing undue damage. Its narrow platform creates clean and consistent aeration hole depths even on undulations and varying terrains. The core head follows contours of the surface, ensuring tines are in position to create clean, quality holes every time. Jacobsen.com

4. PL72

The **WOODS** core aerator line comes in 48-, 60- and 72-inch models. The PL 60 has 12 plugger wheels and 96 spoons. It penetrates to 4.5-inch depth. The PL72 professional grade aerator is 78.15 inches wide and has a 4.5-inch penetration. Each comes with 96 one-eighth inch thick, three-quarter-inch case hardened steel spoons. It requires a Cat 1 hitch and has an operating weight of 561 pounds. Woodsequipment.com/landscapeEquipment.aspx

5. Coring Shaft

FIRST PRODUCT'S Coring Shaft is a non-PTO powered, 3-point hitch pull-behind. It features a three-quarter inch core diameter and pulls five holes per square foot.

Widths of 40, 60 and 80 inches are available. It fits into all First Products UA models. With five optional shafts and seed box option, the Universal Shaft System Frame can be used in a wide range of applications. Changing shafts takes an hour, so the machine can be used for renovation projects in the morning and seeding in the afternoon. 1stproducts.com

6. GS-48 T.I.P. Spiker/Seeder

Plant, seed and aerate on one pass with the **T.I.P.** Spiker/Seeder. This unit assures good seed-to-soil contact while opening the soil up for better drainage, solving dry spots and loosening the soil. The GS-48 is available both in a pull-type and 3-point hitch models, with a manually operated or electric actuated seed box, and with standard hydraulics or an optional 12-volt electric pump available on the pull-behind model. Either unit comes with 1200 replaceable spikes. Optional rear brush also is available. Tipinc.net

TIPS FROM GEORGE STARK

MECHANIC // *Country Club of Orlando*

- Use the carbide-tipped tines, they last longer!
- It all comes down to preparation. Make sure everything is greased and oiled and everything is gone over with a fine-toothed comb before you send that aerator out. It'll save you time in the long run.



CONTINUED ONLINE

For more listings of aerators, go to golfdom.com/category/products



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MORE FROM STARK

"I keep a rigorous grinding schedule here at CC of Orlando. We grind quite often. I'm not a fan of 'facing' bedknives. Some guys hand-grind them. With the technology available today, just take the bedknives off and grind them again! You get everything true. It may take a little longer, but the results are better. With the technology available today, it's easier to do it now than ever."



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1. JRM 4JPB22

JRM INC. Turf Technology's newest offering is its super-thin line of bedknives for Toro, John Deere, Jacobsen and Baroness bedknives, including the 4JPB22 for Jacobsen 22-inch mowers, pictured. JRM's Duranium-801 greensmower and fairway bedknives are designed to cut as low as .050-inch. They are great alternatives when hosting a big tournament, or for superintendents who need that extra pop going into a big weekend. JRM knives are used at roughly 60 percent of all golf courses hosting PGA Tour events, the company says. Constantly improved, there is a new and shinier look to these bedknives which feature a straighter and more consistent cutting edge.

jrmonline.com

2. Turf Pride Premium

TURF PRIDE Premium bedknives will ensure a true golf ball roll on all putting surfaces. With Turf Pride premium knives, the overall thickness from end to end is guaranteed not to vary more than .001-inch. In low-cut settings even the slightest difference in thickness will result in a deviation in cutting heights and will be more amplified the lower the cut. Knives with a "smile" shape cut at the ends and not the middle; frown shapes cut the middles and not at the ends. Premium bed knives are made of spring-type steel with high carbon content and chrome/nickel alloys. They are 3mm thick and rate a 48-49 on the Rockwell C hardness scale.

Turfprideusa.com

3. Legendary Bedknives

JACOBSEN'S line of Legendary Bedknives provides top quality-of-cut. Made of alloy or hardened carbon steel, Legendary Bedknives provide longer wear and more strength than after-market alternatives. A patented austempered heat treating process provides a tougher bedknife with minimum distortion. Jacobsen's Legendary Bedknives are also 100-percent straight with closer tolerances between the reel and bedknife, giving a great cut every time. They come in seven different thicknesses and are guaranteed for quality, fit and function.

Jacobsen.com



CONTINUED ONLINE

For more listings of bedknives, go to golfdom.com/category/products

SHARP AND STRAIGHT

THE WORDS 'DULL' AND 'FINE TURF' JUST DON'T GO TOGETHER.

1. Frontier Equipment

The newest family of reel and bedknife grinders from **JOHN DEERE'S** Frontier Equipment brand includes the RG5000 Manual Spin and Relief Reel Grinder, RG5500 Semi-Automatic Spin and Relief Reel Grinder, BG1000 Manual Bedknife Grinder and BG1500 Semi-Automatic Bedknife

Grinder. The grinders provide precise reel and bedknife maintenance. The BG1000 is a simple, economical system for maintaining bedknives with precision. A fixed grinding stone and rigid mounting system allow for a precise grind. The RG5000 is another simple, economical system that can maintain reels to a true cylindrical shape on a

consistent basis. A rigid mounting system and grinding carriage, paired with a positive rail alignment system, assist in eliminating cone shaped reels. BG1500 is a premium bedknife grinder, featuring an integrated traverse sensor system for semi-automatic grinding.

Johndeere.com



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CONTINUED ONLINE

For more listings of grinders and sharpeners, go to golfdom.com/category/products

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2. Power Edge II

Set up the PowerEdge II reel sharpener from **TURF PRIDE** with no special tools. It sharpens reels without the need to disassemble the unit by having the stone turn perpendicular to the reel. This eliminates the impact grinding associated with conventional grinders. The PowerEdge has pneumatic motors so there are no electric switches, sensors, circuit boards or fuses.

Turfprideusa.com



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