

Latest mower technology from Big Three



Toro Greensmaster Flex series walk greensmowers

The Toro new Greensmaster Flex Series of walk greensmowers delivers cutting performance and innovations that improve playability, enhance productivity, and simplify service. The patented Flex suspension ensures a full range of motion so DPA cutting units can master undulations. Multiple easy-to-configure clip settings allow users to customize frequency of clip to achieve any desired turf condition. Combine these features with an efficient collection system to capture all clippings and the result is improved turf health, after cut appearance and playability.

Ease of use and reliability are hallmarks of Toro greensmowers. The new Flex and eFlex mowers feature a simple and dependable single belt drive transmission that simultaneously transfers power to both the reel and traction drum for a consistent cut on every pass on every green for every operator.

Extremely quiet and emission-free, the all-electric eFlex also includes an automated EZ-Turn feature for improved operator control and comfort. This feature automatically slows the mower down at the end of a mowing pass and speeds it up again on the return pass without sacrificing quality of cut, resulting in better control and reduced turf damage.

The lithium-ion battery technology in the innovative eFlex takes electrical efficiency to a new level, allowing operators to mow approximately 45,000 square feet on a single charge. A convenient LCD display provides an ongoing battery charge status and also displays useful information such as machine hours and battery health.

Also, the Toro eFlex mowers carry the EnergySmart label, a sign of Toro's commitment to balancing environmental responsibility with economic value. Toro Flex and eFlex walk greensmowers deliver a lower cost of ownership and a higher level of quality, innovation and turf expertise.

Jacobsen's new TrueSet cutting unit

First designed by Oscar Jacobsen in 1921, the Jacobsen cutting unit has changed little over 90 years. The unit's superior geometry,

design and construction has stood the test of time and created a legacy of unparalleled quality-of-cut.

Today, Jacobsen continues its storied history of quality and performance with the TrueSet cutting unit, the latest innovation from Jacobsen. The company has made the industry's best cutting unit even better by making it faster and easier to adjust with industry-leading holding power.

It's no surprise that professional sports teams including the Dallas Cowboys, Houston Texans, Los Angeles Angels of Anaheim, and Texas Rangers all depend on Jacobsen to help provide superior field conditions.

"Sports field managers are under more pressure than ever to get more done in less time," said Chris Fox, product manager for Jacobsen. "The idea behind the TrueSet cutting unit is to give them more time to work on other equipment and projects."

"We were very careful not to tinker with any of the geometry, design or construction that made Jacobsen the leader in quality-of-cut for over 90 years," said David Withers, president of Jacobsen. "TrueSet provides the same legendary quality-of-cut sports field managers have come to expect from Jacobsen while also giving them extra time."

The bulk of the time savings provided by Jacobsen's TrueSet cutting unit comes from an innovative bedknife-to-reel adjustment. Turf managers fine tune the TrueSet bedknife-to-reel adjustment at two points with a gear that moves the bedbar one thousandth of an inch with an audible click.

Further adding to TrueSet's ease-of-use, the adjustment is made from the top and front of the cutting unit with a ½-inch wrench, the same tool used for height-of-cut adjustment. This makes the new cutting unit much easier to reach and reduces the number of tools needed to make adjustments.

The company was also sure to maintain its industry-leading holding power, which equates to 425-lbs. of force holding the bedknife in place.

The TrueSet cutting unit will begin shipping on the following 5-inch reel products this winter: ECLIPSE 2 walk mower (floating head), Greens King IV, GP 400 and ECLIPSE 322 triplex mowers, and the LF 550 and SLF-1880 5-gang reel mowers.

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John Deere 7500 E-Cut mower

The 7500 E-Cut Hybrid Fairway Mower is designed with fewer possible hydraulic leak points to protect fairway appearance. Electric reels, which can result in reduced fuel usage and sound levels, are the hallmark of this hybrid mower. The 7500 E-Cut offers the power and traction of the PrecisionCut line and features a 3-cylinder direct inject diesel engine. A double-acting steering cylinder equalizes

right and left pressure, like a riding greens mower, making it easier for operators to hold a straight line and achieve superior striping.

For increased hill-climbing ability, the John Deere exclusive GRIP All-Wheel Drive Traction System can be added. This mower also features the exclusive rear-attaching point for the cutting unit yoke, which places force on the rear roller for a more consistent cut height. The 7500 E-Cut comes equipped with John Deere's revolutionary Quick Adjust 5 (QA5) cutting units, allowing customers to make adjustments quickly and easily. A servo-

controlled hydrostatic drive system provides increased flow to the traction system for more power and better traction in either two-wheel or all-wheel drive.

To make the job easier and more comfortable, the 7500 E-Cut features an LED instrument cluster and Sit-on-Seat diagnostics, as well as John Deere's White Box™ Controller for easy troubleshooting. Operators benefit from substantial leg room, a wider platform for optimum pedal spacing and a highly adjustable suspension seat. ■

All-in-one full-field drain and shock pad

The same, reliable drain properties that make Enkadrain preferred for all types of athletic fields, landscaping and building drainage is now engineered for synthetic turf playing fields with a specially formulated polymer core providing significant energy restitution and shock absorption (Gmax). This drainage composite consists of a polypropylene drainage core of fused, entangled filaments and a geocomposite fabric bonded to each side. The entangled filaments are molded into a pyramid pattern that maintains the flexible design of other Enkadrain products. The second fabric eliminates the need for a filter fabric and stops penetration and migration of soil fines.

The enhanced polypropylene formula has excellent resistance to organic solvents, degreasing agents, acids, and alkalines. It has tensile strength superior to high density polyethylene. It has a low moisture absorption rate, is very light weight and exhibits excellent elastomeric properties over a very wide temperature range.

The drain/shock pad combination rolls out quickly and easily, covering the entire field under the turf layer. The meter wide rolls have a 3" fabric overlap on both sides.

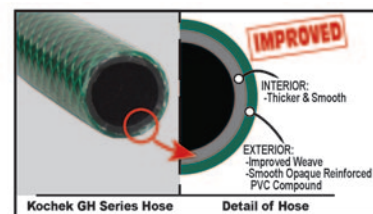
Colbond, Inc.

Kochek GH Green irrigation hose

Kochek re-introduces its GH Series Irrigation Hose. This hose has been improved to increase the working pressure to 150 PSI to handle the pressures of sports turf and golf course irrigation systems. This durable hose's exterior cover is a smooth opaque green PVC compound reinforced with high tensile strength yarn. The inner tube is a smooth black PVC and is available in 3/4" and 1" diameters in 50', 75' and 100' as well as in bulk quantities.

Additional features of this hose are: High working and burst pressures to work well with golf irrigation system pressures; abrasion resistant smooth cover; superior weather, ozone and ultraviolet resistance, lightweight.

Kochek



Cub Cadet commercial zero-turn riders

During a 4-week road tour, Cub Cadet unveiled to its 1,500 dealers its new, next generation of advanced commercial zero turn riders. Dealers had a chance to see and test drive the new Tank SZ Commercial and Tank LZ Commercial zero-turn riders. The Tank SZ (which denotes Steering wheel Zero turn) delivers incredible maneuverability, turf protection and remarkable traction even on steep inclines due to Cub Cadet's exclusive 4-wheel steering technology (patented as Synchro Steer Technology). The Tank LZ (which denotes Lap-bar Zero turn) features an intelligent and responsive lap bar system that allows for a full range of adjustability and rider egress regardless of position.

Cub Cadet Commercial



Kubota ZG332 zero-turn mower

Kubota continues to expand its line of zero-turn mowers to offer both full-size and compact models available with Kubota gasoline and diesel engines, providing a zero-turn option fit for jobs of any size. The full-size Z300-Series comprises 6 powerful models, including the new ZG332. Boasting a new 32.5-horsepower liquid-cooled Kubota gasoline engine, hydrostatic transmission and Pro Commercial mower decks in both 60- and 72-inch options, the ZG332 emerges as Kubota's most powerful gasoline zero-turn model yet. Kubota's 3 compact Z200-Series models each provide lower centers-of-gravity resulting in light maneuverability and superior navigation. The compact Z200-Series also offers both gas- and diesel-powered engines.

Kubota



Toro Reelmaster 5210

The Toro Reelmaster 5210 features Dual Precision Adjustment cutting units to deliver an exceptional quality of cut and aftercut appearance. Powered by a 28 hp, 3 cylinder Kubota diesel engine, this unit offers a nimble and maneuverable design for mowing in a wide range of conditions. The Reelmaster 5210 is lightweight and productive with a 100-inch width of cut. It is available in standard 2 wheel drive or add on the CrossTrax all-wheel drive system.

The Toro Company

