



GCSAA

Official Publication of the Golf Course Superintendents Association of America

[www.gcsaa.org](http://www.gcsaa.org) • August 2009

# GCM

*golf course management*

## life on the tightrope

Superintendents walk the line between environmental considerations and golfer expectations when it comes to pesticide and fungicide use.

[PAGE 44](#)

electronically regulates the generator to deliver only the power required, allowing the machine to run at slower speeds when not at full power output and use less fuel. The generators come equipped with Smart Start — step-by-step starting instructions, an overload indicator light, efficiency mode that automatically adjusts engine speed based on the connected load, low-oil protection, a built-in handle for easy portability and an injection molded case for durability. Powered by four-stroke, single-cylinder, air-cooled OHV engines, the models meet CARB, EPA and CSA standards for operation in all 50 states and Canada. Contact Honeywell Generators, 414-332-2375 ([www.honeywellgenerators.com](http://www.honeywellgenerators.com)).

A new line of swing joints from **The Toro Co.** complements the company's golf sprinklers and quick couplers. Designed to minimize friction loss and ensure optimal operating pressure at each sprinkler, the swing joints provide a structural yet flexible connection between the main line supply and the sprinklers and quick couplers, the company says. The joints accommodate proper positioning of components to ensure peak performance of sprinklers. Made from schedule 80 PVC, double O-ring swing fittings, the joints feature a 315-psi pressure rating and a burst pressure rating of 800 psi. Available in three pipe sizes — 1-inch, 1¼-inch, and 1½-inch, the joints cover a flow range of 1 to 80 gallons per minute. Models are available with saddle tees for HDPE piping, glue tees for PVC piping applications and a variety of inlet types to meet all main line connection needs. Two lay lengths accommodate standard (12-inch) and deeper (18-inch) main line installation depths. Contact The Toro Co., ([www.toro.com](http://www.toro.com)).



A new adjustable rope stop from **Stafford Manufacturing Corp.** now comes with a cap for attaching lanterns, flags, bungee cords and other items. The company's SlipKnot is molded from weather-resistant ABS plastic and adjusts and locks onto

standard size rope using a simple twist motion. One adjustable rope stop accommodates ¼- to ½-inch three-strand or braided rope, while the removable cap can be used to attach devices with a carabiner, "S" hook or bungee cord. Designed to fit in the palm of users' hands, the SlipKnot comes with bushings for the different sized ropes and offers ribbed construction to provide a sure grip. The device is easy to place onto a rope, even one that's already tied at both ends, the company adds. The SlipKnot is available in a variety of colors. Contact Stafford Manufacturing Corp., 800-695-5551 ([www.staffordslipknot.com](http://www.staffordslipknot.com)).

**ClubPay** introduces automated payroll and HR management services for golf course operations. The system provides complete payroll processing services and an integrated HR management system, enabling clubs to process payroll easier, faster and less expensively than in-house processing, according to the company. The programs also are said to reduce clubs' liability exposure. The ClubPay product line also includes ClubHR, ClubTime, ClubComply and ClubApplicant. Contact ClubPay, 877-729-4259 ([www.clubpayroll.com](http://www.clubpayroll.com)).

**New Holland** announces its new G5000 series of zero-turn-radius mowers for the commercial mower market. The mower deck is mounted to the front axle rather than the frame, allowing the deck to float over changes in ground contours for a clean cut without scalping. A pivoting front axle allows 5.5 inches of travel on each side. A 149-square-inch discharge opening allows grass clippings to spread evenly in an 8-foot pattern without bunching or clumping. Each blade overlaps 1½ inches to prevent streaking, while a deep-tunnel deck design eliminates deck packing and directs clippings away from the cutting edge, enabling a high volume of clippings to be discharged. Built with a high-strength channel frame and seven-gauge mower deck, the G5000 mowers are powered by Kawasaki air-cooled gas engines. The 27-hp G5030 features a 54-inch or 60-inch mower deck, while the 31-hp G5035 has a 66-inch mower deck. Both models include 6-gallon fuel tanks for all-day mowing. Contact New Holland, ([www.newholland.com/na](http://www.newholland.com/na)).

## Transform bunkers to drainage medium



Sportcrete, a porous, engineered stone base for lining sand bunkers from **Sportcrete Golf USA**, turns the entire base of a bunker into a drainage medium. A compacted, 2-inch-thick layer of ¼-inch stone is sprayed with the Sportcrete formula, a liquid silica mixed with a hardener. These stones are matched specifically to the sand used in bunkers on a particular course. In 24 hours, once the layer has completely hardened, it features the same strength as concrete but is porous, which creates a hydraulic system in the bunker, the company says. With this system in place, water is sucked through the sand vertically and into the Sportcrete layer, then it travels horizontally through the layer into traditional drainage pipes. This action reduces washouts, increases the life of a bunker and helps to keep sand in place in high flashes. Other benefits include the prevention of contamination from soils and rocks below, flexibility in frost heaves and a uniform playing surface in each bunker. Contact Sportcrete Golf USA, ([www.sportcrete.com](http://www.sportcrete.com)).

## Redesigned blowers



**Express Blower Inc.** has enhanced its line of blower products, including the EB (fully integrated with a chassis) and TM (truck- or trailer-mounted) units. The company says it re-engineered the blowers to increase productivity and simplify use. Enhancements include simplified electronics, new remote control design, self diagnostics with remote monitoring capability, updated feeder, more accurate seed injection system and improved safety features. With all hydraulic fittings using new trapezoidal O-rings, the system is certified by Parker not to leak, the company adds. The self-diagnostics system features push-button navigation and a user-friendly interface, while the display panel includes a transreflective surface, making it easy to read in all ambient lighting conditions. Users can monitor operations, adjust settings or troubleshoot issues away from the machine with the machine's remote diagnostics. The Series 6 feeder includes stainless steel housing, eliminating corrosion concerns. Contact Express Blower Inc., 800-285-7227 ([www.expressblower.com](http://www.expressblower.com)).