

# Products

## Front-reel mower trims close

Save time trimming around trees, shrubs, fences, and other obstacles on the golf course with the 70-inch Triplex Trimmer riding mower from Jacobsen Manufacturing Co. It features automatic drive, maneuverable rear-wheel steering, and balanced stability. Mowing the machine's 70-inch swath are three 26-inch, five-blade reels running on 1-inch shafts. Power is from an 8-horsepower air-cooled Kohler engine.

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## Comfort stations treat and recycle water

The MCS Envir-O-Pak comfort station provides permanent restroom facilities without any sewer hookup, without septic tanks and leach beds. The installation pictured, at Olney Manor Park in Maryland, provides 11 toilets, four urinals, and five wash basins.

The Envir-O-Pak system accommodates 1,000 flushes per day. All wastewater is collected and treated by the integral advanced wastewater treatment plant, with effluent continually reused for flushing purposes. Any excess processed effluent up to 200 gallons per day is evaporated, thereby achieving zero

discharge to the property. Evaporation energy is also recycled, by a heat exchange device, providing heating and cooling.

Modular Conceptual Systems, Inc. markets the packaged comfort station and the advanced wastewater treatment plant together as the Envir-O-Pak and as separate modules. The Envir-O-Pak is a substantially built system constructed on structural steel bases providing for easy transportation and erection on foundations for permanent use, yet available for relocation later.

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## Brush cleans posts

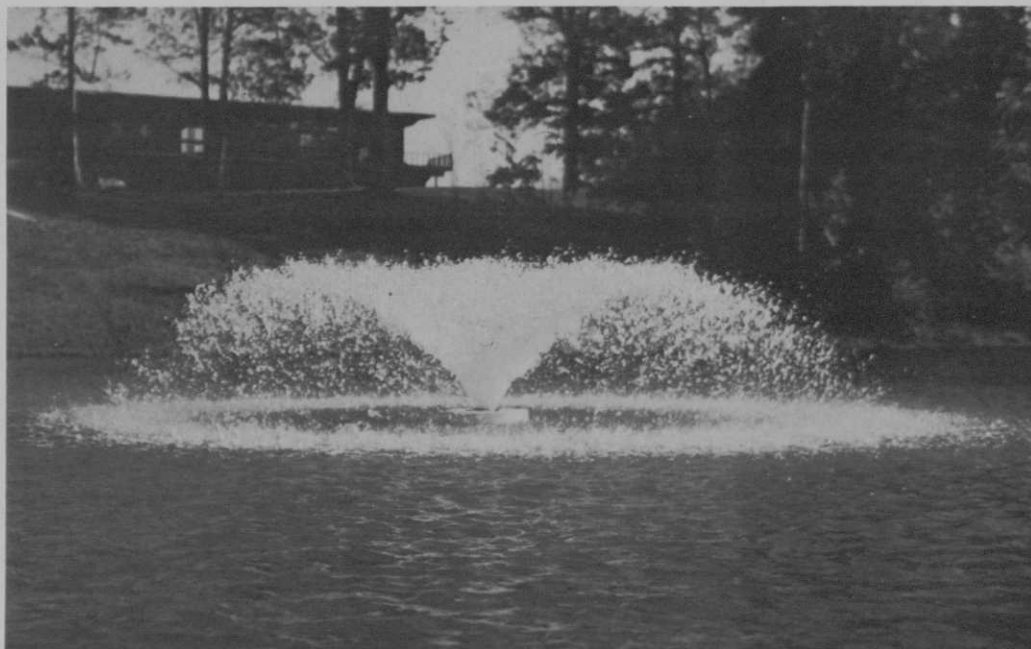
Clean, corrosion-free battery connections are important to keep golf car batteries in good condition during repeated charge/discharge operations — and will, in fact, allow longer discharge times at any discharge current. SGL Batteries Manufacturing Co. has introduced a terminal post polishing wire brush which allows rapid cleaning of combination terminals on golf car batteries. The brush can be turned by hand or by an electric drill, as shown. A rubber coating over the outside keeps the wires from spreading.

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## Improve water quality

Otterbine water cleanup systems eliminate the need for chemical treatments to improve water quality. Instead, they aerate and mix pond or lake water while creating attractive spray displays that enhance the beauty of a golf course. The aerating action controls algae and objectionable odors, helps to biodegrade fertilizer runoff and organic wastes, and reduces buildup of bottom sludge. The water can be used for irrigation at any time without risk of damage to turf. Otterbine systems install easily: float the sprayer into position, moor or anchor it in place, and connect to on-shore electric service via an underwater power cable furnished with the system by Rodale Resources. Maintenance should involve no more than a yearly checkup.

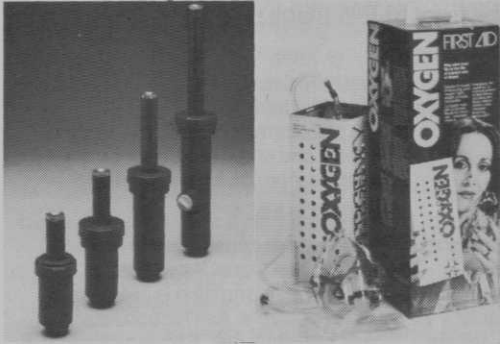
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## Pop-up heads

A line of green-colored plastic pop-ups from Moody Sprinkler Co. includes 2-, 2½-, 4-, and 6-inch sizes. Each can accommodate either plastic or brass spray nozzles. All have spring-loaded inner workings. The 6-inch pop-up has a clutch ring adjustment for better spray direction setting.

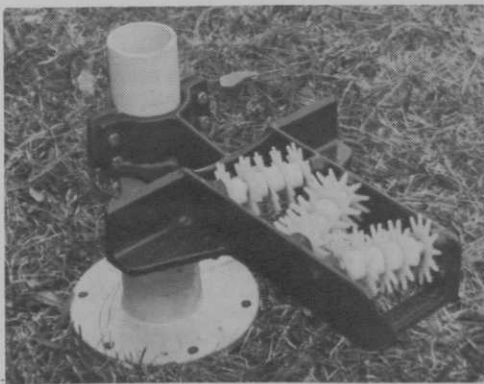
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## Emergency oxygen

A solid-chemical oxygen generator kit comes from Green Cross Solid State Oxygen, Inc. fully assembled and ready to use. It includes an oxygen mask, 6 feet of plastic tubing, and a canister of dry chemical which converts to 15 minutes of pure moisturized oxygen when activated by simply turning a knob. No training is needed to administer it.

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## Cleat cleaner

Keep mud, leaves, and other debris out of the clubhouse and golf cars by putting out Curtis cleat cleaners for your golfers to use. The device has 15 durable nylon cleaning wheels in a staggered arrangement. This cleans golf shoes thoroughly when the sole is rubbed over it, and the circular motion makes the wheels self-cleaning and nonclogging. From Omni Marketing Systems.

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## Turf-topped sprinkler head

A rubber cover with bonded artificial turf is now available from Weather-Matic Div., Telsco Industries, for its KW50, K60, K70, K80, and K90 impact drive rotary sprinkler heads. It's called the Turf Top.

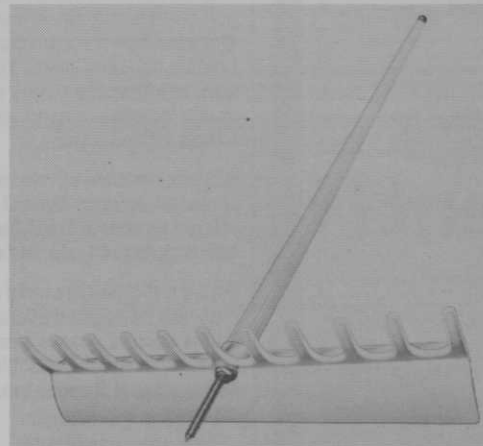
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## Steam cleaner

Wash tractors, trucks, mowers, and other course maintenance equipment with the Steamin' Demon 100, a compact cleaner from Clayton Manufacturing Co. It features a converging jet that produces the greatest possible impact at the cleaning target. Two models are available: an oil-fired portable on rubber tires, and a gas-fired stationary unit.

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## Sand trap rake

Standard Golf Co. calls its new trap rake the Duo-Rake because the head has teeth on one side for raking out deep footprints or indentations and a blade on the other side for blading out grooves and ridges. The head is plastic and the handle aluminum, for strength with light weight. A 3-inch spike stands the rake upright.

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## Perimeter security system

TPS Fence Gard II is a portable system that can be installed by one person in just a few hours, with no technical knowledge required. Its sensor alarms clamp to any chain link or wrought iron fence; then when an intruder touches the fence, a low-voltage electronic alarm signal is sent to the receiver control unit. Available from Sheppard Sales Co.

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## golf business

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**THE SIX BASICS OF TURFGRASS ESTABLISHMENT**  
Recognizing and working with the basic elements that produce a good stand of turfgrass can help you produce a better golf course.

## HOW GOOD A MANAGER ARE YOU?

Answer these eight questions to see how you measure up — whether you're a golf course owner, a general manager, a head superintendent, or other manager.