

Ditch Witch introduces new downhole tool

The new Ditch Witch Single Roller Cone Bit is an innovative downhole tool developed for horizontal directional boring that provides simultaneous cutting action and steering capability. This is achieved by mounting the roller cone tool at an angle, similar to the position of the flat surface of standard slant-nose tools.

The bit is effective in both dirt and rocky soil conditions and gives compact directional equipment the capability of working effectively in many types of rock formations. Single Roller Cone Bits are available for all Ditch Witch Jet Trac directional boring systems. For more information, contact Ditch Witch at (800) 654-6481.

CIRCLE #201

GreenBox Pin Marker gets the message across

Initially designed to show the current position of the pin, the GreenBox Pin Marker from GreenBox International opens a new can of worms for golf courses, from full hole details to club messages, tournament advertising to green sponsorship.

The Pin Marker is a display unit that stands approximately 22 inches high and can be positioned on or at the approach to the tee. The marker features straightforward graphics that can be understood at

a glance. Divided into two panels, the graphics are kept safe, clean and dry under shatterproof polycarbonate covers 0.2 inches (5mm) thick.

The lower panel is the larger of the two sections measuring 18x9 inches (w x h). In addition to the standard hole information such as yardages, par and stroke index, this panel incorporates a large graphic display of the green with a moveable magnetic marker to indicate pin position of the day.

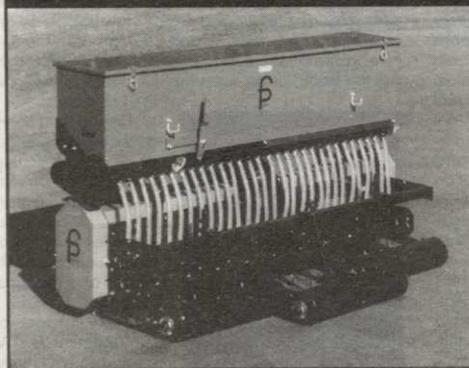
The upper panel, ideal for displaying club messages, comes with eight standard notices such as, "Please rake bunkers after use" or "No carts on the tee."

For more information contact 212-745-0446.

CIRCLE #204

First in Versatility, Dependability, and Reliability

AERA-vator®



The Tool Versatile Enough for Golf Course Aeration, Seeding or Renovating

"During the initial stages of grow-in, the AERA-vator was the perfect tool for our most difficult areas. It provided us with a seeder capability on some severely steep slopes that were constructed from very hard compacted clay. Some of the massive mound work on the course created a great deal of erosion problems that AERA-vator smoothed over without consistently replacing tines or stopping for repairs. The AERA-vator was also used to loosen the soil along the edge of cart paths where a great deal of heavy equipment had traveled. The vibration unit worked extremely well in developing seed beds in hard compacted soil."

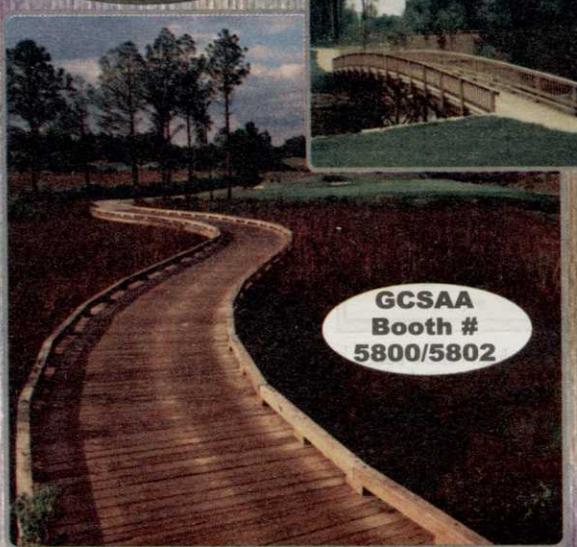
— Carey Mitchelson, Course Superintendent, Twin Lakes G.C., Oakland Township, MI

First Products Inc., Tifton, GA
1-800-363-8780, from GA call 912-382-4768

CIRCLE #164/GCSAA BOOTH #248



ADD COLOR to the CANVAS



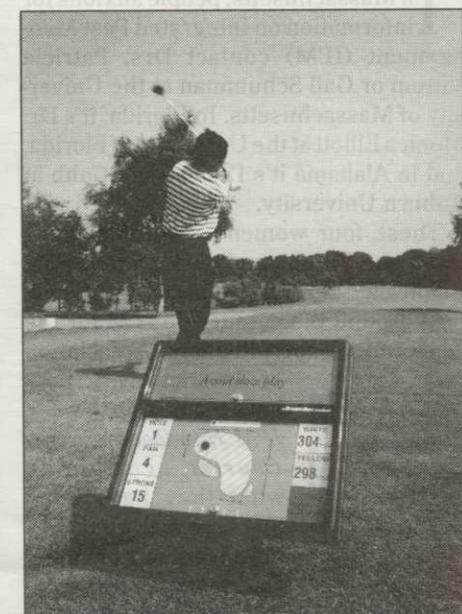
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CIRCLE #165/GCSAA BOOTH #5800 & 5802



The Pin Marker at the 1st tee.

Nelson expands wireless controller line

L.R. Nelson Corp. announces the expansion of its wireless controller line. The SoloRain family of battery powered solenoids and programmers introduced last season included the 8010 Series of programmable actuators, the 8030 Series remote programmable actuators and the 8070 console.

This season, Nelson has added the 8060 radio control actuator, 8050 multi-station actuators, 8071 programmer plus, and the 8081 radio programmer plus.

The 8050 Series PG actuator is a waterproof, battery operated, control module available in 1, 2, 4, or 6 zones. Accessories for the control module include a latching solenoid compatible with most popular valves, a hydraulic solenoid, waterproof battery, rain sensor and pump relay.

The multi-station actuator communicates via a secured, waterproof telephone plug connection to an 8070 Series control console. Using the 8060 PG multi-station radio adapter, any 8050 Series PG multi-station actuator can be retrofitted for use with an 8081 radio programmer plus for even faster, more flexible programming with radio communication.

For more information, contact Nelson at 309-690-2200.

CIRCLE #205

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CIRCLE #162



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CIRCLE #163

NEW PRODUCTS

Olson ready with MVA-100 & AGV-100

A new 1" angle/globe valve from Olson Irrigation complements the company's MVA-100 Multi-Valve Assembly line of irrigation valves. The new AGV-100 single valve provides the user with many of the features included in the MVA-100 such as flow control, a nylon-reinforced double-sealed diaphragm, manual internal and external bleed, and low flow operating capabilities.

The single valve's bonnet is identical to that used in the MVA-100. Valve maintenance is streamlined since the bonnet can be removed and replaced quickly by slightly loosening four screws, then rotating the bonnet 20 degrees and lifting it from the body. Replacement is just as simple.

Constructed of glass-filled nylon, the heavy-duty AGV is rated at 200 psi (14 bars). This normally-closed valve utilizes a 24-vac, 50/60 cycle solenoid with .4 amp inrush current and .22 holding current. The AGV is available in 1" NPT or 1" BSP.

For further information, contact Olson Irrigation at 619-562-3100.

CIRCLE #206



Olson's AGV-100 angle globe valve.

Howard Price cuts trimming time with its new 360Z

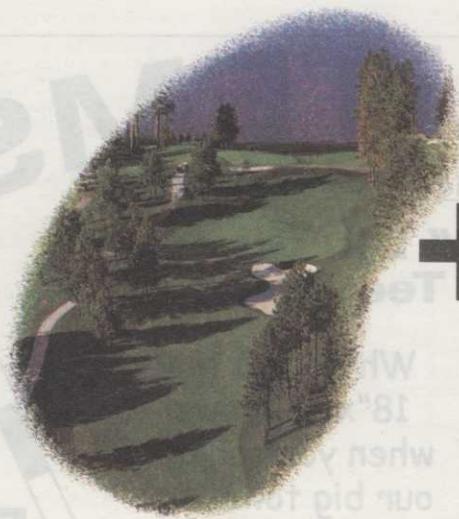
Howard Price Turf Equipment's new 72" 360Z is offered with either a 22HP or 25HP Kohler engine. It features higher productivity with the larger deck but still has excellent flotation provided by six anti-scalp rollers with micro-adjustment settings to match the ever-changing conditions you encounter. The trimming capabilities are greatly improved over small units because the deck reaches under shrubs and evergreens to reduce costly trimming. For more information, contact Howard Price at 314-532-7000.

CIRCLE #203



Howard Price Turf's new 360Z promises to ease trimming work.

Your Course Plus Our Putter Creeping Bentgrass Equals Happier Golfers. Really.



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Vermeer introduces SC 752 stump cutter

Vermeer Manufacturing Co., the originator of the fist stump cutter, recently introduced a new mid-size 75 HP (56 kw) SC 752 stump cutter for high-tech, low-maintenance stump removal. Vermeer's exclusive beltless cutter wheel drive system provides operators the efficiency of a mechanical drive unit without engine side load. The beltless system eliminates the need to slide the engine to engage the cutter wheel drive; maintenance also is easier than on belt-drive systems.

The SC 752 stump cutter provides top industry cutting performance with one of the most significant advancements in stump cutting technology in years — Vermeer's exclusive Auto Sweep system. Auto Sweep maintains the rated engine speed of the stump cutter by automatically adjusting the feed rate of the cutter wheel. By maintaining rated engine speed, the operator is ensured the stump cutter will deliver maximum horsepower and high productivity.

For more information, contact Vermeer at 1-888-VERMEER.

CIRCLE #207



Call 800-688-SEED for a free, information-packed booklet and a half pound sample of Putter.

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CIRCLE #187/GCSAA BOOTH #3577 & 3481



Encore's Prowler

Encore on the prow!

Encore's new Prowler front cut riders features: 52" or 61" cutting decks; 20 HP water-cooled Kawasaki or 22 HP air-cooled Kohler engines; single or dual-tail wheels; dual-path hydrostatic drive; and zero turning radius. For more information, contact Encore at 402-226-4255.

CIRCLE #208

Wilbur-Ellis announces new seed inoculant

Wilbur-Ellis Company's Bio-Trek biological fungicide system has been formulated as a seed treatment to begin control of fungal disease at planting. The EPA-approved Bio-Trek HB has been proven effective in control of root diseases in turf and ornamentals.

The active ingredient is a beneficial fungus, *Trichoderma harzianum* strain T-22 (KRL-AG2). When applied as an inoculant to seeds, Bio-Trek HB protects roots against *Pythium*, *Rhizoctonia* and *Fusarium*. For more information, contact Wilbur-Ellis at 209-442-1220.

CIRCLE #209



Sky-Vu offers new view

Polymer Innovations Corporation has developed and commercialized the Sky-Vu golf cart top. The transparent top allows players an unobstructed view of a golf course's natural beauty without sacrificing UV protection from the sun.

The golf cart top is produced from VIVAKUV supplied by DSM Sheffield. The sheet is extruded from Eastman Chemical Company's SPECTAR copolymer. For more information, contact, 423-229-4940.

CIRCLE #202

Hustler adds ShortCut to mower family

The Hustler ShortCut family of mowers from Excel Industries, Inc. features an innovative new zero-turn steering system — Hustler Bar Steering (HBar Steering). This unique steering concept resembles motorcycle steering, with a simple forward twist to drive forward and a backward twist for reverse. All controls

for forward, reverse, speed, turns, and braking are controlled by the Hustler Bar. HBar Steering is extremely easy to learn and operate so the learning curve has been reduced to mere minutes.

For more information, contact Excel at 800-395-4757.

CIRCLE #210



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1 1/4" REAL WOOD FLAGSTICK!

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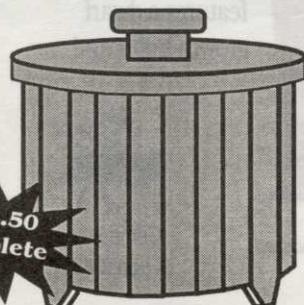
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CIRCLE #188