Ransomes mower just for fairways

Ransomes Inc. has introduced a new state-of-the-art mower specifically designed for fairway mowing. The Fairway 5000 provides the fine cutting of a greens mower, but has greater speed and cutting capability (106 inches) than a greens mower or triplex.

Several special features for operator comfort have been added including high-back suspension seat with arm rests, power steering, tilt steering wheel, readable gauges and an all-hydraulic design for raising and lowering cutting units.

Automatic three-wheel drive and wide turf-tread tires contribute to the Fairway 5000's excellent traction.

Balanced weight distribution and the automatic differential lock feature make the machine an excellent hill climber, Ransomes says.

In addition to fairway mowing, the Fairway 5000 can be used to narrow strip tees and landing areas or mow collars around greens.

Ransomes is offering optional quick-change Verticut heads that are great for grooming and thatch control.

Power for the Fairway 5000 is provided by a 23 h.p. liquid-cooled diesel engine for performance and economy.

For further information contact Maria Large, Ransomes Inc., Johnson Creek, Wis. 53038 or call 414-699-2000. Circle No. 306.

Revolutionary sprinkler housing developed

American Irrigation Repair & Supply has developed a new two-part universal sprinkler housing that co-owners Harlan Bimat and Dave Tanner feel will revolutionize the sprinkler industry.

The Eagle Universal Housing is currently pending patent registration in the United States. This two-part housing (consisting of a base and bell) can be used with any two-, four- or eight-hole seamless (SAM) bearing guide, Rain Bird sprinkler heads as well as some Weathermatic sprinkler heads. Basically, one size fits all.

The unique feature is that the housing allows for servicing the sprinkler by detaching the bell and leaving the base and sprinkler in the ground.

The bell can be removed by loosening a few screws. The type of sprinkler can also be changed while using the same housing.

"The problem in the past was that you had many different types of sprinklers and each time you had to repair or replace one you had to match the correct bearing guide to the corresponding housing," Tanner said.

"With our Eagle, you only need one housing." Developed for use with the Eagle are a soft-coated lid for sports field applications and a custom check valve.

The lid features a memory that, if hit by equipment, allows the lid to return to its original shape without breaking or leaving sharp edges.

The custom check valve stops low-end drainage and prevents low-pressure flooding. Housing, lid and check valve are now in production.

More information is available by calling (415) 659-8558. Circle No. 311.

Irrigation control panel saves money

Irrometer Co., Inc. has introduced a new soil moisture control system for automatic irrigation systems. The Watermark Four Zone Moisture Control panel interfaces with any standard 24 VAC irrigation controller. The new system allows an irrigator to divide the valves on a controller into as many as four zones representing various irrigation needs.

Each zone then has its own moisture sensing station that in turn controls the valves which irrigate that "irrigation need zone."

Benefits include reductions in water, labor, maintenance, energy and fertilizers lost to excessive irrigation along with healthier turf and plants.

For more information call 714-689-1701. Circle No. 328.
Solatrol's light-energized irrigation system installed

The Chula Vista Golf Course in Bonita, Calif., recently became the first course to install a light-energized irrigation management computer.

Chula Vista, operated by American Golf Corporation, installed Solatrol Inc.'s LEIT 8000 water management system on one of its greens to study future applications for entire courses.

The computer's enormous capacity lets groundskeepers control watering schedules with greater precision than ever before because they can automatically adjust for type of soil, terrain and time of year.

Because it is energized totally by light, the LEIT 8000 also eliminates the need for batteries, external solar panels and AC power.

A few hours of ordinary daylight (even subdued light) is enough to operate the system day and night for over 1,400 on and off operations, more than most irrigation systems perform in a whole month.

For more information interested people may contact Solatrol, Inc., 11055 Roselle St., San Diego, Calif. 92121 or call 619-452-4524. Circle No. 346.

Lesco introduces subsurface drainage strip for trenches

Lesco, Inc. has developed a new, economical subsurface drainage system.

The Turf Strip Drain is installed in narrow, two-inch wide trenches deep enough to not be touched by aeration equipment.

It intercepts water flowing through the root zone, shallow ground water and surface runoff and directs it to a storm water outlet.

Normally installed in a grid pattern to take advantage of ground slopes, it provides up to 35 percent more water movement than perforated pipe.

The Turf Strip Drain is composed of a high-density polyethylene core covered by a tough, non-woven polypropylene needle-punched geotextile fabric. It is one inch thick and is shipped in 100-foot rolls.

It is resistant to fungus growth and inert to common acids found in soil.

A trencher is the only specialized equipment needed to install the Lesco product.

The only other tools required are a utility knife, duct tape and a shovel.

It is simpler to install and greatly reduces soil disturbance and displacement compared to conventional drain pipe.

For more information contact Bob Hobar at 216-333-9250. Circle No. 330.

Hunter markets new arc sprinkler

Hunter Industries is making available the I-40-ADS, a new adjustable arc sprinkler that can be set anywhere between 40 and 360 degrees with a simple adjustment with the water on or off.

The sprinkler is also available as model I-40-36S for fixed, full-circle coverage.

Both models are supplied with five interchangeable nozzles to vary the radius and discharge rate.

The radius may be varied from 45 to 67 feet and the discharge rate from 7 GPM to 25.3 GPM.

The new sprinklers offer several advantages including safety-cushioned rubber covers and stainless steel risers.

Vandal-resistant features include a small 1-5/8-inch exposed surface diameter and heavy-duty retraction spring.

For more information, people may contact Hunter Industries, 1940 Diamond St., San Marcos, Calif., 92069 or call 619-744-5240. Circle No. 319.
Classen's Turf Slicer oversees and slices at the same time

Classen's Turf Slicer, a new way to overseed and/or slice in one operation. Turf Slicer has a front-mounted seed box that operates by friction from drive wheels. Rotating slender blades slice the sod to a pre-determined depth up to 1-1/2 inches. Depth is adjustable with finger-tip screws. The self-propelled unit moves at 2.37 mph and covers 21,000 square feet per hour in a 21-inch swath. For more information contact Classen Mfg., Inc., 1403 Pine Industrial Rd., Norfolk, Neb. 68101 or call 402-371-2294. Circle No. 329.

Two pull-behind aerators for Feldmann

Feldmann Engineering & Manufacturing Co., Inc. has introduced two new pull-behind core plug aeration tools that cover a large area quickly. The Feldmann 2340 aerates a 32-inch swath and the 2340-48 a 48-inch one, penetrating up to 2-1/2 inches when towed behind a garden tractor or riding lawn mower. Lift-up handles pop the 10-inch pneumatic tires into place for easy transport. The load tray can be weighted up to 100 pounds. A gang bracket is available that will gang three units together for up to 100 pounds. The self-propelled unit moves at 2.27 mph and covers 21,000 square feet.

Finally! New Cultivars Bred To Meet the Needs of the Superintendent and the Golfer!

At Seed Research, we listen to your needs. You've been wanting a bentgrass that’s tough, looks great, and is easy to maintain ... but one that's also fine-textured, with good putting green quality. And available.

So when the bentgrass shortage became apparent in 1983, we acted quickly and acquired parental germplasm from two of the finest bentgrass collections in the country — the University of Rhode Island and the University of Arizona. From those collections, we developed two exciting new creeping bentgrass cultivars, Providence (SR 1019) and SR 1020.

Evaluation on golf courses and at universities has shown that both these bents produce the kind of turf you demand: dark green, aggressive, competitive, easy to manage, good disease resistance, good stress tolerance, and compatible with existing bents for overseeding. And, for real golfers like Peter Trenham, SR 1020 has proven it provides everything desired in a putting green bent: fine texture, uniform surface, and most importantly, an absence of grain, so the ball holds the line for true putting accuracy. With Providence (SR 1019) and SR 1020, you can look forward to a good-looking grass that will give you the performance you demand and the putting green quality your golfers prefer!
New products introduced by Rain Bird

Rain Bird has introduced the golf industry's first computerized hydraulic irrigation control system. The new device combines the advanced features of the MAXI System IV computer control system with those of a stainless steel field satellite and a complete family of hydraulic valve-in-head rotors. The MAXI System IV offers Flo-Manager, an energy and time saving feature. It also provides "Cycle and Soak" which yields extensive water savings by automatically preventing the escape of excessive water through flooding, pooling and run-off that occur when water is applied faster than it can be absorbed by the soil.

The system can also provide ET-sensitive scheduling and communicate directly with an optional on-site weather station. Tied to the computer system is a complete family of hydraulic valve-in-head rotors that operate independently and insure individual head control for precise watering.

Rain Bird has also added several new rotors. The 47DS, 51 DS, 95DS and 91DS Stomonic Rotors (SAM) are housed in high-strength, plastic cases with a stabilizing flange all designed to withstand the rigors of overhead golf maintenance equipment and golf carts.

They are engineered to stand up to the most demanding water quality conditions and are available in full-circle and part-circle models.

The 47DL and 51 DL valve-in-head, low-pressure electric rotors are designed to provide substantial energy savings by operating at a pressure setting of just 60 psi. The diaphragm valve-in-head feature permits independent operation of rotors throughout the course and has an individual head control for precise watering.

For more information call Peter B. Johnson at 818-963-9311 or write Rain Bird Sales, Inc., Golf Division, 145 N. Grand Ave., Glendora, Calif. 91740. Circle No. 340.

Injectable wetting agent available

Aquatrols is introducing a new soil-wetting agent formulation, AquaGro injectable, created specifically for injecting into golf and landscape irrigation systems. Injectable is a low-viscosity formulation containing 33 percent AquaGro soil-wetting agent.

Available in 55-gallon drums, it can be injected into irrigation systems using any commercially available irrigation injecting pump.

Like the other AquaGro formulations, AquaGro Injectable will reduce water run-off and evaporation and enhance the performance of water-soluble chemicals.

For more information contact Aquatrols, 1452 Union Ave., Penndel, N.J. 08110 or call 800-257-7797. Circle No. 321.

Sod Slide fixes damaged greens

Milton Turf Products has introduced the Sod Slide, a tool for repairing greens damaged by hydraulic oil spills, winter kill or vandalism. It easily cuts out the damaged sod and the replacement strips from your turf nursery. It is available in three-, five- and seven-inch sizes.

For more information call 800-456-4351. Circle No. 334.

Building houses pesticides safely

Environmental Products, Inc. recently introduced a new pesticide storage building. Available in two basic sizes, the E.P. Containment System meets or exceeds most state and local codes.

The System has a 100 percent, leak-free containment floor and is properly vented to prevent vapor accumulation. It features on-site construction or can be shipped pre-assembled. Standard features include a chemical-resistant, Epoxy finish and three-panel locking, double-panel doors. Additional optional features include a double-wall, explosion-resistant package; forced air ventilation; fire security sprinkler systems; lighting packages; and chemical-resistant floor liners.

For additional information call 216-683-0889. Circle No. 351.

Cover reduces maintenance

Seidelhuber Metal Products, Inc. has introduced a new type of galvanized steel grating designed to provide a permanent, heavy-duty covering for golf course catch basins and drain inlets.

The new grating is designed to provide optimum drainage while catching leaves and other debris on the surface for easy clean-up.

In addition to reducing maintenance costs from clogged drains, the new grating helps prevent accidents to players and course personnel caused by poorly enclosed basins and inlets. Available in spans up to five feet, it will support golf carts, mowers and ground maintenance vehicles.

For more information call 800-635-6948. Circle No. 335.

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Why settle for artificial looking dye when TRUE BLUE™ will give your lake or pond a natural, living color appearance. The secret's in our tried and true blue formula that makes the other brand look unnatural by comparison.

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Weather Pro small, reliable
Spectrum Technologies, Inc. has introduced a small, affordable computer weather station. The Weather Pro applies micro-processor technology that is sophisticated, highly accurate, easy-to-use and affordable. The Weather Pro provides wind speed, high wind gust, wind direction, temperature, wind chill, high and low temperature, daily and accumulated rainfall and clock. It also scans selected functions, instant metric conversions, battery and AC operation.

Contact Spectrum Technologies, Inc., 12010 S. Aero Dr., Plainfield, Ill. 60544 or call 800-248-8873. Circle No. 341

DID YOU KNOW!?!?

DURA PLASTICS NEW SWING JOINT ADJUSTS AT THE HEAD AND AT THE SERVICE TEE.

Cushman GT-1 Turf Vehicle
need for oil-gas mixtures.

With a 19.5-foot outside clearance circle and an overall width of just 45-1/2 inches, the GT-1 has plenty of maneuverability for just about any type of grounds work. The 44-by-40-by-8-inch cargo box holds up to eight cubic feet and 1,000 pounds of payload. For more information call 800-228-4444. Circle No. 302

Dura introduces the first fully-adjustable 360° Swing Joint.

With Dura's new design, vertical adjustments can be made up to 8 1/4 inches without digging down to the service tee.

No other swing joint can match Dura's ease of adjustment to final grade.

Plus.... you get Dura's traditional quality.

• Double O-ring

• Lifetime lubricated

• Sweep elbows at directional changes

• Schedule 80
  200 psi rated

Kubota adds new mower attachments
Two new attachments are available for Kubota Tractor Corp.'s F-Series front mower, a turf blower and cab enclosure.

The F2535 blower is quickly attached and has a wind velocity over 255 m.p.h. that can be directed left, right or forward.

An optional deflector angles the wind downward to assist in windrowing.

The soft-sided cab provides protection from the weather and comes standard with two headlights, an 1/8-inch tempered glass front panel and manual wiper. An electric wiper and hard-sided cab are optional equipment.

For more information contact Kubota Tractor Corp., 550 West Artesia Blvd., Compton, Calif. 90220. Circle No. 324.

Precision Labs develops safety station
An emergency safety station for immediate eye, face or body flushing in the event of an accident has been developed by Precision Laboratories Inc.

The emergency station consists of a sterile, isotonic buffered saline solution and wall-mounted backplate. Bottles pull out for fast access when accidents occur.

Installed in work areas, near chemical mixing or processing, the system is designed for immediate response in the event of an acid, caustic or water soluble chemical mishap.

Tamper-evident seals and special twist-off caps ensure the contents are sterile and contaminant free. Bottles are date-coded for added protection.

The Emergency Wash Station is available in 32-oz. or 16-oz. containers.

For further information people may contact Precision Laboratories Inc., P.O. Box 127, Northbrook, Ill. 60065 or call 800-323-6280. Circle No. 322
E-Z-GO first with electric speed control

E-Z-GO is the first major golf car manufacturer to offer an electronic, solid state speed control as standard equipment on its electric golf cars. The electronic speed control generates tremendous savings for the golf car fleet operator by reducing energy costs approximately 28 percent and lengthening battery life. It also produces a smoother ride than both electric cars with conventional rheostat speed controls and gasoline-powered golf cars.

The 1990 E-Z-GO electric car will provide at least three rounds per charge on any regulation course.

For more information contact E-Z-GO Division of Textron Inc. at 404-778-4311. Circle No. 338.

Bunton offers new reel for greens care

For superintendents concerned with reducing thatch and runner problems to achieve faster, truer and healthier greens, Bunton Co. is now offering a new Greens Conditioner Reel for use with its Triplex Greensmower.

The reel features 273 vertical knife blades in a helical pattern on 1/2-inch centers, and at 3,600 rpm the heavy-duty gear motors assure a high frequency of clip while conditioning the greens.

Many of the components are interchangeable with components on the Bunton walking greensmower to minimize spare parts inventory.

For more information contact Bunton Co., P.O. Box 33247, Louisville, Ky. or call 502-966-0550. Circle No. 307

Z-bend pliers make engine work easier

Oasis Control Products has developed a set of pliers that will make a Z-bend in throttle and choke wire without the fumbling involved using needle-nose pliers.

The Z-bend can be formed by simply inserting the wire into the notches at the end of the pliers and squeezing until a perfect 90-degree bend is obtained. These pliers will also cut any size wire up to 3/32 of an inch.

For more information write Oasis Control Products, 2514 Niles Cortland Rd. N.E., Cortland, Ohio 44410 or call 216-637-9442. Circle No. 316

VIT products train root growth

Two new products, Root Barrier and Root Deflector, have been added to the VIT products arbor care line.

Root Deflector is a cylindrical training device for tree roots that gently forces them to grow downwards, preventing root girdling and other harmful root-bound conditions.

Unlike other products, Root Deflector accommodates tree root expansion with "tear-away" flares that spread as roots grow. Root damage and liability problems due to hardpan and structural damage are also avoided.

Root Barrier is a special underground choker system that allows trees to be planted close to curbs, sidewalks and other hardscapes. It has been used extensively by municipalities in median strips and other heavy pedestrian areas.

For more information contact Linda Knoche at 619-723-0255. Circle No. 347

E-Z-GO’s newest golf car

Z-bend pliers make engine work easier

The 1989 E-Z-GO has been designed to provide the electric car operator by reducing energy costs approximately 26 percent and lengthening battery life. It also produces a smoother ride than both electric cars with conventional rheostat speed controls and gasoline-powered golf cars.

The 1990 E-Z-GO electric car will provide at least three rounds per charge on any regulation course.

For more information call E-Z-GO Division of Textron Inc. at 404-778-4311. Circle No. 338.

Buckner introduces valve-in-head sprinkler line

Buckner has introduced a new family of Valve-In-Head sprinklers for golf and institutional applications.

The very popular cam drive sprinkler and piston valve are combined in a compact package of high-tech plastics, bronze and stainless steel.

These products include several innovations and features not available in other Valve-In-Head products. The on/off pressure can be head-adjusted and measured at each sprinkler by means of a Schraeder valve mounted on the sprinkler head, which allows for optimum performance and water use. All sprinklers offer adjustable speed of rotation for quick springing.

For more information contact Buckner Inc., 4381 N. Brawley, Fresno, Calif. 93722; (209) 275-0500. Circle No. 310

Professional turf performers.

First-rate disease and weed control demands a professional's touch. And here are the Turf Care products that have what it takes.

Daconil 2787® The cornerstone of a professional spray program. Daconil 2787 is economical to use and the most effective, broad-spectrum turf fungicide on the market. Controls 12 major turfgrass diseases. Available as a flowable or wettable powder formulation.

Daconil 2787® WDG. A new wafcr-dispersible granular formulation that is virtually dust-free. Pouring and mixing are fast and easy. The 5-lb. reclosable container means better handling, storage and disposal.

Dacthal® The preemergence herbicide that consistently delivers superior broad-spectrum control of crabgrass, spurge and 22 other tough annual grasses and broadleaf weeds. Available as a flowable or wettable powder formulation.

Daconate® 6. The proven postemergent herbicide. Highly effective against pesky weeds such as crabgrass. (Sold as Bueno® 6 in western states only.)

2 Plus 2 (MCPP + 2,4-D Amine). As effective as it is economical against more than 20 hard-to-kill broadleaf weeds such as clover and dandelions. Contains no dicamba.

Frigate® adjuvant. The only product specifically formulated to enhance the performance of Roundup® for control of perennial and annual weeds. For turf renovations and non-cropland use, too.

When it comes to turf care, you'll see the difference in the professional's touch.

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