Products

Two-cylinder, 17-hp engine

Opposed two-cylinder design enables Kohler Co.'s new KT17 engine to produce 17 horsepower with a minimum of vibration. Features include cast iron cylinder barrels, crankshaft, and camshaft for durability plus an aluminum crankcase for weight savings. Carburetor, ignition, air cleaner, oil fill and dipstick, and spark plugs are all easily accessible for service.

Circle 209 on free information card

High-power battery charger

American Monarch Corp., now offers a 48-volt, 25-amp version of its 36-volt Taurus battery charger to fully charge any electric vehicle, even under reduced power conditions. Two types of controls are available: a 12-hour automatic shutoff, and an automatic battery monitor which senses battery voltage and turns the charger on or off to keep batteries fully charged at all times.

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Power mulcher

The Reino TM7-30X Mini-Mulcher can be towed by a 1/2-ton pickup truck and operated by one man. The beater chains are case-hardened and bolted to forged steel brackets; they adjust to handle almost any kind of mulch, even coarse hay.

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Anti-compaction agent

Penetrate is an organic soil conditioning agent in a liquid formulation that enters into true solution with water. It causes aggregation of soil particles, creating additional soil pore space. Product of C.B. Dolge Co., Penetrate won't adversely affect soil pH; extremes of pH won't affect its long-range effectiveness, either. It helps to stabilize soil moisture content in both light and heavy soils.

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REDUCED WATERING • FASTER RESPONSE TO FERTILIZATION AND PESTICIDE CONTROL • REDUCED LABOR COSTS • ELIMINATE PLUGGLES AND DRY SPOTS • REDUCED PROBLEMS WITH THATCH • HEALTHIER AND HEARTIER TURF.

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AQUATROLS CORPORATION OF AMERICA
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The Lestronic charger... extends battery life and reduces maintenance.

The Lestronic charger totally eliminates over and undercharging on any battery, regardless of age, temperature, or condition. This "fool proof" charger will extend battery life and reduce required maintenance with precise charging every time.

The Lestronic knows when to quit.

There's no trickle charge to burn your batteries. The patented Compute-Time timer totally shuts off when the battery is fully charged. Left connected, the Lestronic will keep batteries charged indefinitely since the Compute-Time timer will automatically turn on every 2½ days.

"The charger with a brain."

Lester Electrical
Write or phone for complete information.

Lester Electrical of Nebraska, Dept. GB-1
625 West A St., Lincoln, NE 68522
402-477-8988

For free information on any of the products and services listed below, simply fill in and mail the postage-paid reader service card bound into the front of this magazine.

AMF Harley-Davidson introduces a new lightweight, electric golf car: Master Glide IV. It offers increased battery life by virtue of a two-circuit system that switches from series to parallel operation at low speeds. Circle 115 on card

Cushman's three- or four-wheel Turf-Truckster vehicle is the heart of a complete turf care system. Equipment available includes an aerator, spikers, short box and flatbed<Box>/box, sprayer, spreader/seeder, top dresser, and Quick Aerator. Circle 133 on card

Davis 500 Light electric golf cars weigh less than competitive cars. That plus an efficient drive train can save you money and save wear and tear on your course. Circle 128 on card

A complete line of professional aerifiers from Hahn includes 2-, 4-, and 6-foot models. Optional spoons and blades are available for double duty. Circle 111 on card

Features of Emerald bentgrass, available from International Seeds, Inc. include: exceptional uniformity, excellent vigor, disease resistance, and competitive pricing. Circle 107 on card

Derby turf-type perennial ryegrass received the highest evaluation score for the second year in a row at the Mississippi State Trials. It's a product of Lake Eden Seeds. Circle 104 on card

The Lestronic battery charger extends battery life and reduces maintenance. Lester Electrical makes it for golf cars. Circle 116 on card

Oregon ryegrass will green up your greens and tees in winter and will make your fairways lush and green. The Oregon Ryegrass Commission tells how to do it with winter overseeding. Circle 110 on card

Rain Bird introduces Maxi: an irrigation controller which utilizes a microprocessor to handle up to 99 separate programs. Circle 114 on card

Rodale Resources offers a free guidebook on improving pond and lake water quality without chemicals. It's done with Otterbine aerators and floating fountains. Circle 125 on card

Greensaire II from Ryan Turf-Care Equipment removes aeration cores up to 3 inches deep and it makes 36 holes per square foot. Holes are so precise they won't affect the roll of a golf ball. Circle 131 on card

Vertical racks from A. G. Stafford Co. store golf bags neatly and safely. Circle 131 on card

Irrigation System Engineering
2 Old Town, Los Gatos, California 95030
703/815-7901

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Culpeper, Va. 22701

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ASSOCIATIONS
Michigan Association of Public Golf Courses
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Lansing, MI 48906
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Promoting public golf through cooperative action. If you operate a public golf course in Michigan, call or write now for membership information.

Oregon Golf Course Owners Association
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503/928-8338
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David Canavan, President
703/815-9211

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April
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Repairing ball marks on greens
GOLF BUSINESS / JANUARY

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Remodel your present storage space, update with NEW Stafford VERTICAL BAG RACKS

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- Free sample - postage paid
- Easy to install and add more as needed

Your members will like the extra convenience and care. Your pro shop profits from 40% more space these racks make available. Double unit shown holds 16 bags, size 2' x 4' x 6'-6" high, gives 12" x 12" space for bags. Single unit holds 8, size 1' x 4' x 6'-6" high. Sturdy steel. Bags set solid on tapered shelves. Send us your floor measurements, we will plan a layout and quote you - no obligation. U.S. and Canadian patents. Send for folder.

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HELP WANTED

GOLF CART FLEET MECHANIC. Experienced with gas and electric carts. Responsible to supervise golf cart fleet of 85 and driving range machinery and help. Salary negotiable. Send resumes to Don Krivanek, Wildcreek Golf Course, Sparks, Nevada 89431. 702 673-3100.

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GOLF CART FLOOR MATS. New nylon reinforced rubber mats for Harley carts, $14.75 per set. C.O.D. or send payment to Rice Die Cutting Co., 8831-33 Avenue, Kenosha, Wisconsin 53142.

BUSINESS OPPORTUNITIES

GOLF COURSES: Want to buy or sell a golf course? Our business is exclusively golf courses transactions. We also do golf course market value appraisals. McKay Realty — GOLF COURSE AND COUNTRY CLUB PROPERTIES. 15553 N. East St. (U.S. 27), Lansing, Mich. 48906.

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Viewpoint

Professional to superintendent:  "let's cooperate"

The essence of communication and cooperation between the superintendent and the head professional is teamwork: a team effort for a well-manicured golf course. Only through teamwork will the golf course be what both parties want it to be, and then what the player wants it to be.

Both the superintendent and the professional have important input for the betterment of the course. The superintendent should be qualified to give input from years of experience and proper training from qualified teachers, such as previous superintendents at other golf courses. Training and turfgrass knowledge is also received through possible inspections and recommendations by the USGA Green Section. The superintendent gains invaluable information through dealings with the Green Section.

The professional mainly derives his input through the eyes of a golfer, and sometimes sees problems that the superintendent does not. The professional has a few sources:

- Comments from players, his staff of assistants, and the head professional himself.
- Comments and observations by your membership or players should not dictate to you what needs to be done to improve your course. However, if the comments should follow some kind of pattern, then you should look into the possibility that there is indeed a problem that needs correcting. These comments are coming from golfers, and they notice areas that need improving when their ball is affected: grass in a bunker hindering their lie, soft spots where their ball plugs and is lost, hard pan around cart paths that cause their ball to bounce out of bounds, etc.
- The head professional's staff of assistants have seen other courses, hopefully ones of championship caliber, and can use this background to help improve and beautify your course. Generating ideas and variations in design and procedures from other golf courses is a valuable tool toward perfection of your own course.
- The head professional now has gathered comments, observations, and examples from a couple of sources and now uses his own professional knowledge and preferences to sift through this abundance of ideas to form his own recommendations, the final recommendations, to give to the superintendent. There are a couple of ways to complete the communication process between the pro and superintendent:
  1) Written messages, such as memorandums, clearly state the message so both parties understand what is to be done, and possibly recommendations as to the procedure or time period when it should be implemented.
  2) Course inspections. Periodically the pro and the superintendent should inspect the entire golf course. By inspecting the course together, both persons can see first hand improvements that are in the process and areas that need to be corrected or improved.

Communication and cooperation between professional and superintendent is most important. Communication as to the timing of the winter seeding program is a good example. There is usually a 4- or 5-week period that is the optimum time to reseed the golf course with winter ryegrass or other type of seed. The superintendent will know within a couple of days when to start this program. If the professional has arranged for an important tournament on the day that the seeding program is starting, then there will be a conflict.

Communication and teamwork would be able to resolve this problem. One way to be sure that the reseeding does not start too soon; or that the course is in the best condition possible, is to send the superintendent a calendar of events for each month. This way the superintendent will have time to get certain problem areas taken care of and will have the course looking good.

There are a couple of different arrangements as to the working relationships between the superintendent and the professional. At some clubs the head professional is the superintendent's boss, and at some courses (like city or county courses) the superintendent does not have to answer to the head professional for anything. The latter situation makes it tougher for good communication and cooperation, but in order for the facility to run smoothly, the teamwork is still needed very badly. You may need to sit down over lunch and talk things out, or whatever is necessary in order to get that good working relationship. A smooth running operation combined with a well-manicured golf course make for an excellent golf facility, a goal for which all should strive.

Roger Maxwell
Director of golf
Marriott Hotels and Resorts

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