Two new fast-moving British imports.
The Flexiglide and The Monarch. Both featuring meticulous British craftsmanship, and exclusive design. And both sold exclusively through golf course pro shops.

Flexiglide
Beautifully balanced, Flexiglide is sleek, maneuverable and a cinch to pull. Independent wheel suspension flattens out rocky terrain, brings miniature mountains to their knees. No swerving, tipping and other fairway failures. Complete with cigarette and tee holder plus permanent adjustment slot on handle for instant setup. Rugged steel construction. Color – black.
Suggested retail price: $42.50.

Monarch
The Monarch is everything the Flexiglide is minus the independent wheel suspension and the cigarette and tee holder. Monarch's superior precision balance contributes to its smooth effortless pull and fingertip response. It almost follows people around the course. Monarch's riveted steel construction delivers extra strength without getting in the way of its good looks.
Color – teal blue.
Suggested retail price: $35.00.

Full 3-year Guarantee assures your customers of complete satisfaction. Saves you repair and replacement headaches.

ACUSHNET SALES COMPANY
Sold thru golf course pro shops only

Full three year guarantee
39 years ago, we took a piece of pipe and a broom and started an irrigation revolution.

You're looking at the first Rain Bird sprinkler ever built. It was 1933 when we took the wire binding from a broom handle, welded a flat piece of copper to a length of pipe—and came up with the famous spring-actuated, impulse sprinkler that has made irrigation history around the world.

Today we make hundreds of different models of Rain Bird sprinklers. Plus electronic controllers, electric and hydraulic control valves, all kinds of spray heads and virtually every kind of irrigation equipment. We have sold millions of Rain Bird impulse sprinklers in the last 39 years. The vast majority of them are still operating today.

It's a success we're proud of—and a success other companies have tried to copy. But no matter how they try, they can't duplicate our products, our record—or what's on our drawing boards right now.

RAIN BIRD
7045 Grand Avenue • Glendora, California 91740

For more information circle number 228 on card
REAL GOLF PLAYED INDOORS

BUSINESS AS USUAL...ALL WINTER!

For The Country Club
- Provides An Exciting Indoor Golf Facility
- For Members All Winter Long, Even During Inclement Weather
- A Great Way For Members To Keep Their Game In Tune Year 'Round
- Generates Substantial Additional Revenue Through Greatly Increased Patronage Of Beverage, Food And Pro Shop Facilities
- Creates Steady Year Round Employment
- Provides Nighttime Practice Facilities
- Converts Tee Waiting Time Into Revenue Producing Warm Up Time
- Increases Teaching Facilities
- Offers Junior Members Nighttime Social Activities

For The Golf Pro
- Provides An All Weather Teaching Facility That Will Bring Members To The Pro Shop Where Equipment Sales Are Made
- Sell Golfomat Units To Your Students For Home Use
- Act As A Golfomat Distributor In Your Area And Sell To Hotels, Motels, Apartments, Condominiums, Mobile Home Parks, Cruise Ships, Health Clubs, Driving Ranges And Golf Clubs
- Increases Your Teaching Facilities And Generates Abundant Revenue To Hire Assistant Pros
- Professional Advertising Assistance And Numerous Qualified Leads Furnished

For Complete Information Call Or Write: BILLY CASPER

GOLFOMAT is real golf, on world famous courses, (Doral, Pebble Beach & Congressional) made possible by computerized electronics and optics. Players hit regulation free-flying golf ball, use every club in the bag, swing with all the force and finesse that is required outdoors. You've got to see GOLFOMAT to believe it.
Special Pre-Show and Convention Issue

Articles

21 Golf in America: Where We've Gone .......... Jerry Olson and Gordon Campbell
The oldest living past presidents of the CMAA, PGA and GCSAA discuss the problems their members faced at the national convention the year they reigned. The part they played in the growth of their associations and their insights into the present and future problems which must be solved to further their associations provides a nostalgic and educating article.

29 NCA Meeting

29 CMAA Conference

31 Atlanta: Manage Your Time
The most exciting city in the South offers a diversified variety of activities for all age groups. Plan your time carefully between the Civil War past and the 21st century future.

32 GCSAA Annual Conference
Guest speaker Ralph Nader adds excitement to this year's conference.

60 PGA Merchandise Show
The motto of the day: Be prepared. The variety and breadth of the merchandise offered in both the hard and soft goods lines this year can dazzle and confuse the unprepared.

Departments

83 News of the Industry
99 Classified
98 People in the News
102 Advertiser's Index

Viewpoints

13 Swinging Around Golf ........................................... Herb Graffis
14 Turfgrass Research Review .............................. Dr. James B. Beard
16 Grau's Answers to Turf Questions ............................ Fred V. Grau

Cover Designed by Marius N. Trinque
LOOK AT WHAT'S BEEN ADDED TO THE CUSHMAN TURF CARE SYSTEM.

NEW Top Dresser

For use with the Cushman® wide-box Turf-Truckster. Installs in 3 to 4 minutes and uses exclusive power take-off. **No separate engine or extra tires and wheels to buy and maintain.** Moving bed spreads dry or moist material. Moving brush breaks material up, pushes it downward in an even 36" pattern. Easy to **precisely** calibrate flow because the Turf-Truckster has exclusive engine and ground speed governor control. Spreads greens faster, more evenly...and saves big time between greens. There’s no loading and unloading and you can zip from green to green 4 to 5 times faster than with other equipment.

NEW Greens Spiker

Spike a 5 foot swath at one pass, over twice the width of other units. Designed to be pulled by the Turf-Truckster, it spikes cleanly to a depth of 2” on 2” centers. **Cuts greens spiking time in half.** Cuts total time even more for there’s no loading or unloading and the spiker can be quickly towed between greens. A simple, positive mechanical lifting device allows operator to raise wheels for spiking or lower them for towing, without leaving his seat. Special guards hold turf in place so it is left smooth, undamaged and ready for play. The exclusive Turf-Truckster ground speed governor and fat turf tires also protect greens. Up to 150 lbs. can be added easily for aerating hard packed soils.

See all these cost cutting ideas at the
The system that can save you 35% of your equipment purchase costs and 50% of your labor costs is now more complete than ever.

The Cushman Turf Care System is built around the highly successful 18 hp. Turf-Truckster and the Turf Minute-Miser, now with 8 horsepower. These vehicles provide your supervisor and crews with low cost transportation plus a highly efficient tow system for mowers, ball-pickers, and other equipment. And you get power to spare to operate Cushman accessories for top dressing, aerating, spraying, dumping and hauling.

The Cushman Turf Care System, a single-source package of vehicles and accessories that saves you time, work and money. Send us the coupon below and we’ll prove it!

NEW 8hp Turf Minute-Miser

Low cost transportation vehicle for supervisors and workmen. Competitive in price with vehicles that have far fewer quality features. Easy riding, easy driving and easy on the turf with big 6.50 x 8 turf tires. Now available with a powerful 8hp gasoline engine. Power enough for fast personnel transportation plus power to spare for towing the new Cushman low-bed utility trailer, or even a 3-gang ball picker. And you can carry hand tools and another person with the optional covered cargo box and rear personnel seat.

NEW Low-Bed Utility Trailer

Economical but rugged low-bed trailer with big turf tires. Bed size 35” wide by 66” long with a 250 lb. load capacity. Easily holds several large trash containers, or 2 hand mowers, plus rakes and shovels or whatever equipment is needed at the work site. We’d like to send you information about these new products and the complete Cushman Turf Care System. Let us prove its performance and savings. Drop this coupon in the mail today.

CUSHMAN MOTORS
Division of Outboard Marine Corporation
992 North 21st Street, Lincoln, Nebraska 68501

Name ____________________________
Organization ______________________
Title ______________________________
Street _____________________________
City __________________ State _______ Zip ___________
IMPACT!
That's the word for superintendents of well-groomed courses to remember in 1972. Introduced in the '71 season, the Moody Impact Pop-Up Sprinklers have demonstrated their superiority over all sprinklers in the "large turf area" field.

Special Features of the Moody Impacts: built-in surge protector . . . high flow, stainless steel spindle . . . exclusive Turcite and Turcon thrust bearing washers . . . retracting spring for positive pop-down when water is turned off . . . bottom drain holes . . . positive reversing mechanism . . . no stream interference from outer and inner sweeps . . . optional rubber covers.

Our 1972 Moody Catalog is Ready
See us at Booths E-30, 31 at the GCSAA 43rd Turf Conference

MOODY SPRINKLER CO., INC. • 5449 N. PECK RD. • ARCADIA, CA. 91006
AREA CODE 213/443-9488

For more information circle number 226 on card
The only machine that has been invented, developed and proven to maintain sand traps. The Trapmaster was developed exclusively for sand trap use and will maintain up to 100 sand traps per 8 hour working day. (4.7 acres of sand.) FOR COMPLETE INFORMATION, WRITE OR CALL:

STANLEY CLARKE EQUIPMENT CO., INC.
665 MOKENA DRIVE — MIAMI SPRINGS, FLORIDA 33166 — PHONE 885-4657
proudly presents
a totally new concept in
Golf Course Irrigation

Binar

BINAR IS A CENTRALLY LOCATED AUTOMATIC IRRIGATION SYSTEM SPECIFICALLY DESIGNED TO MEET THE MOST DEMANDING WATERING REQUIREMENTS OF ANY GOLF COURSE. WITH ITS UNIQUE 2-WIRE CONCEPT, BINAR ELIMINATES THE MAZE OF WIRES (UP TO 30 MILES) USUALLY ASSOCIATED WITH AUTOMATIC SYSTEMS. AND, BINAR EVEN ELIMINATES FIELD SATELLITE CONTROLLERS. ALL SOLID STATE PROGRAMMERS ARE ENCLOSED IN THE SUPERINTENDENT’S OFFICE WHERE THEY BELONG . . . OUT OF THE WEATHER AND AWAY FROM THE TEMPTATION OF VANDALS . . . . ALTHOUGH THE MOST ADVANCED SYSTEM IN THE INDUSTRY, BINAR IS AMAZINGLY SIMPLE IN DESIGN AND EASY TO OPERATE. THE ENTIRE SYSTEM IS “PUSH BUTTON” CONTROLLED AND ECONOMY OF INSTALLATION AND MAINTENANCE IS REDUCED TO A NEW LOW.