IMPROVE YOUR BAG STORAGE
SAVE TIME & SPACE
WE DESIGN YOUR LAYOUT
SEND ROOM DIMENSIONS
• Heavy Duty Steel
• Removable, Expandable
• Bags, Clubs Can't Tangle
• All Parts Shipped
• Economical

ACME IRON WORKS, INC.
4900 Frolich Lane, Kenilworth Ind. Park
Tuxedo, Maryland 20781
Write For FREE Brochure or Call Collect: 301-322-3900

For more information circle number 256 on card

Jacobsen Mfg. Company announces the following appointments: Riley A. Chambers to the position of manager-quality assurance; Ronald M. Rewolinski, product supervisor-lawn and garden tractors; Tobe K. Thompson, sales engineer for commercial and turf maintenance equipment and Clarke H. Staples, turf specialist—Rogers Div. of Jacobsen.

Fred J. Hilgen is assistant to the president of Simplicity Mfg. Company. Appointed to the newly-created post of director of marketing, also for Simplicity, is W. Dale Costello.

G. S. Barteaux is the national sales manager for Warren's Turf Nurseries.

New Invention...
INDESTRUCTIBLE RANGE BALLS
22¢ EACH

Revolutionary new solid-state range ball construction.
Almost impossible to cut, crack, break, chip, peel, smash, nick or smile.
Triple coated with velvet-white polyurethane enamel.
Wash them, scrub them, the more you wash the brighter they get.
Red Striped. Satisfaction guaranteed.
72 dozen per case. Shipped F.O.B.
Warehouse Queens, N.Y.
For complete information write or phone
KABRIKO
51 Madison Avenue, New York, New York, 685-5998
World's Largest Overseas Manufacturer of Range Balls

For more information circle number 161 on card
GET
A BETTER GRIP
ON SALES
WITH PAR-MATE®
GOLF GLOVES
& ACCESSORIES

GOLF GLOVES
There's a Par-Mate glove for every golfer. Choose from 20 styles in 13 popular colors. Slip-ons! Snap backs! Stretch gloves! Velcro closing! Cold weather gloves! Many with snap-off ball markers. All in the toughest, thinnest, tackiest leathers.

$2.00 up

GOLF HOSIERY
All popular colors in ladies' golf socks with pom-poms, bows or plain. Also men's crew socks. One size fits all.

$1.10 up

GOLF UMBRELLAS

$8.00 up

LADIES' SWEATER
Cool Nylon knit, beautifully accented with sculptured mock turtleneck and back zipper. Machine washable.

S-M-L — $5.00
XL — $5.50

Ladies' Golf Purse on Belt — $3.50
Men's Slippers — $4.00

Please send me a copy of your new 1969 catalog.

Name__________________________________________
Club__________________________________________
Address________________________________________
City___________________________________________
State______ Zip____

SOLD THROUGH PRO SHOPS ONLY
PAR-MATE®
10 West 33rd Street
New York, N. Y. 10001

For more information circle number 200 on card

INDUSTRY NEWS
Continued from page 67

mining of phosphate rock and the production and marketing of phosphate fertilizers."

Wisconsin wins rights
Wisconsin Motor Corp. has been awarded sales, service and manufacturing rights for the complete line of heavy-duty, air-cooled diesel engines produced by Motorenfabrik Hatz GMBH, of Ruhstorf, West Germany.

Wisconsin made a similar agreement last year with Hirth Motoren KG, of Stuttgart, also of West Germany.

Course cuts a Nice figure
Canyon Lake, an 18-hole course in California, is expected to be completed for play this summer. According to architect Ted Robinson: "The tees, greens and fairways are designed roughly as a figure eight. This will give golfers the opportunity to play without the interference from slices and hooks of other golfers." Transversing the middle of the figure eight will be an underpass through which players move to play the course's second nine.

Although the course was created primarily for Canyon Lake residents, it will be open to the public on a limited basis. The 135-acre course will use "forward-tilted" greens, which ac-

Here's a Pretty Profit Picture

Cordo-Hyde® Golf Shoe Laces are specified by many leading shoe manufacturers because they are interested in providing the ultimate in good looks and long wear for their customers.

Cordo-Hyde Golf Shoe Laces stand up to shock and chafe round after round — on wet fairways or the toughest rough. Stay tied, too. Available in black, cherry cordovan, mahogany, or white.

Your golf products distributor carries them — how about you?
According to Robinson, provide more effective drainage. The par and yardage specifications will qualify the course for future championship tournaments, he added. The course, reportedly, cost $500,000 to build.

**Professional Golf Reports earnings**

Professional Golf Company reported a net income of $323,483 for its first fiscal quarter ending December 31, 1968. This figure includes $88,707, or seven cents a share, of nonrecurring income from the sale of 44,713 shares of Arnold Palmer Company common stock. Sales for this period totaled $3,474,729.

No comparative figures are available because the company changed its accounting period to a September 30 fiscal year. The change was made to reflect a closer relation to the company’s natural business year.

Ralph J. Thompson, president, told stockholders: “Historically this quarter is the low period for the year. It is a slack period for golf and trophy sales, but we expect the balance of the year to reflect a more favorable sales and earnings picture. The East Coast dock strike has curtailed shipments from our Puerto Rico plant and could adversely affect our trophy volume.”

**NGF revises kit**

The National Golf Foundation’s golf Teaching Kit for 1969 is now available and contains updated, in-depth information on all major aspects of instruction. The “Golf Instructor’s Guide” now contains sections on teaching progression; class organization, purchase, care and improvisation of equipment; facility adaptation; error correction; testing and evaluation; and special articles pertaining to skill development and coaching techniques. “Golf Lessons” for students contains over 90 drawings by artist Dom Lupo. The pocket-sized “Easy Way to Learn Golf Rules” is approved by the United States Golf Assn., and “Competitive Golf Events” and “How to Improve Your Golf” complete the kit.

**‘Chi Chi’ inks With Northwestern**

Northwestern Golf Company has signed Juan “Chi Chi” Rodriguez to its professional advisory staff. The company expects him to help in the development of a new line of steel and aluminum shafted golf clubs, which will be marketed in the United States as well as foreign markets.

---

**ADD A PROFITABLE OPERATION AND PROVIDE GOLF CLUB WASHING SERVICE TO PLAYERS WITH:**

**KLUB-KLEEN**

- Powerful rotary scrub gives safe positive cleaning action to irons & woods
- Vending machine provides 3 minute cycle
- Foot switch model available
- All weather exterior with rugged construction
- Simply add water and collect quarters
- Open your 1969 season with profit, service and style

**B. & G. MFG. CO., P.O. Box 551**
**Essex Jct., Vermont 05452**

---

**FREE TABLE & CHAIR CATALOG FROM MONROE**

Buy quality banquet equipment at direct-from-factory prices.

WRITE TODAY!

**THE MONROE TABLE CO.**
12 Church St., Colfax, Iowa 50054

For more information circle number 164 on card
UPD and RNI form Holding company

Arnold E. Abramson, publisher of GOLFDOM and president of Universal Publishing & Distributing Corp., GOLFDOM's parent organization, has announced the merger of UPD into a new holding company formed by the merger of UPD with Richmond Newspapers, Inc. (RNI), a Richmond, Va., based publisher of newspapers and operator of radio and television stations and a CATV network. Universal's headquarters are in New York City. UPD began as a special interest publisher in 1947 and developed as a moderately successful, closely held, small publishing company. In 1961 the company was launched as a public corporation and since that time has grown through both internal development and acquisition.

RNI is a company that dates back to the mid-nineteenth century. It, too, enjoys an enviable history of growth. Current management is highly esteemed in national newspaper and business communities. It is an organization that is characterized by progressive thinking and integrity.

Directors and stockholders of both companies must approve the plan for the proposed merger. If the plan is approved UPD will have broadened its base to include not only magazines and books, but newspapers, radio, television and CATV.

About the same time it was also announced that The New York Times had reached an agreement to purchase Golf Digest, Inc., a magazine and book publisher that publishes Golf Digest, a publication directly competitive with UPD's GOLF Magazine, the nation's leading golf journal and sister publication of GOLFDOM.

There is a difference
More STRENGTH and SAFETY in the new greatly improved MOTT model 72 for 1969.

GREATER SAFETY
Lightweight, free swinging knives fold back from obstructions, thus minimizing throwing struck objects, providing greater safety.

GREATER VERSATILITY
MOTT knives provide the ultimate in mowing performance for fairways or the rough, for leaf mulching, or turf renovation.

GREATER EFFICIENCY
MOTT knives use less power because they cut cleaner with an edgewise slicing action, like any good knife should. You can use lighter tractors—better for turf, lower first cost, reduce operating maintenance cost.

There are others — try them all! By your own test, you'll find MOTT best!

A full line from 18" to 19' gangs.

FOR 40 YEARS THE WORLD'S FINEST
AUTOMATIC GOLF
PRACTICE TEE.

No capital investment required—PAR-TEES available on lease only.

Par-Tee, Inc.
4373 N. Elston Ave.
Chicago, Ill. 60641

For more information circle number 173 on card

LUCKY BUCK
SOLID GOLF BALLS
Full (1.68" Dia.) Regulation Size
Direct "Factory" Wholesale Prices
F.O.B. North Aurora, Ill.
B-1 LUCKY BUCK (12 dozen.) $3.60 doz.
B-2 YOUR PRIVATE LABEL (20 dozen.) $3.60 doz.
R-1 SOLID RANGE BALL (25 dozen.) $2.85 doz.
R-2 SOLID ECONOMY RANGE BALL (25 dozen.) $1.85 doz.
M-1 MINIATURE GOLF BALL (assorted colors) $2.00 doz.
T-1 TEES, PLASTIC, UNBREAKABLE (450 min.) $2.10
SAMPLE ORDER 10 BALLS (2 of each) Postpaid $2.00
(Remittance must be with order)

Buck Mfg. Co.—312-897-7993
109 Pierce St., North Aurora, Ill. 60542
For more information circle number 151 on card
Riding to the moon, almost

Walking 400 feet is nothing for the average man. But add 60 pounds of gear and clothing to the load: You have a problem.

The National Aeronautics Space Administration began using an electric personnel carrier (the one above is made by Columbia Car Corp.) to help astronauts make the 400-foot journey to the simulated altitude chamber at the Manned Spacecraft Operations Building at Cape Kennedy.

Riding above are Apollo 9 astronauts James McDivitt, front; David Scott, left rear, and Russell Schweickart, right rear. Nobody knows who the driver is.

A Proven Golf Ball Washer for . . .

The HENRY GOLF BALL WASHER

Used On Leading Golf Courses
Throughout The World

You get more ball washer for the money with The Henry. It costs less initially. Course Supts' will find it requires minimum upkeep. Golfers throughout the world have found that The Henry, with its rubber squeegee and gasket, cleans their balls faster and more efficiently.

DEALERS IN ALL PRINCIPAL CITIES

only

$1775

f.o.b.

Milwaukee, Wis.

In choice of colors.

W. C. Schendel
6510 W. River Pky.
Milwaukee,
Wisconsin 53213

DEALERS IN ALL PRINCIPAL CITIES

For more information circle number 246 on card

THE WORRY-FREE LESTER-MATIC CHARGER

Even your greenest employees can keep carts fully, dependably charged with a Lestermatic. Foulups are eliminated.

Set it and forget it. Works automatically. Charges carefully, precisely to give you maximum battery hours. Proven a wise investment by courses nationwide. See your distributor or write for complete specifications.
Light Weight—One Hand

RAKE-Ezee

NEW PRODUCTS
Continued from page 95

Short handle, light weight. Golfer can rake trap while holding club in other hand.

HIGH DENSITY PLASTIC WEATHER-PROOFED

The bright, yellow-handle RAKE-Ezee Rake flags attention, reminds golfer to rake trap. Stands erect on blunt metal point.

Sturdy, attractive, won't rust, yet low in cost. Rake-Ezee stands erect on point, reminds golfer to rake trap. Fully guaranteed with tough plastic head. See your distributor, or write:

MFD. BY
NORTH CENTRAL
Plastics
ELLENDALE, MINN.

For more information circle number 238 on card

CUSHMAN'S FAMOUS FRESH SEEDS
since 1838

FINEST QUALITY TURFGRASS SEEDS FOR GOLF COURSES

Special Prices on Request
Certified Seeds and Formula Mixtures

CROSMAN SEED CORPORATION
CROSMAN TERRACE AND WEST COMMERCIAL ST., EAST ROCHESTER, N. Y. 14445

Telephone (Collect) 716-586-1928

For more information circle number 199 on card

Cushman Motors manufacturers a three-way vehicle called the Town & Fairway. It features a two-passenger rear seat that pivots down to reveal two golf bag holders or the seat back can fold down to become a carry-all. Standard features on both electric and gasoline models include: surrey top, automotive steering, full front and rear suspension, headlights, tail-lights, turn signals and automatic seat brake.

Circle No. 109 on reader service card

Triple-A-Specialty Company announces that it has redesigned the control panels on its line of battery chargers. The new design provides a new level of contrast and a layout that is intended to reduce errors by operators. The Triple-A battery line includes units with six, eight or 12 volt ratings in current ratings from three to 60 amps.

Circle No. 108 on reader service card

Crown Rubber Company introduces its Crown Royal line of floor protection mats and matting. Available in multi-color stripes, gold/black tweed and red/deep purple tweed, the mats feature 100 per cent cut-pile nylon tufts embedded in a backing which does not slip, skid or curl up, according to the company. Sizes available are: 3 feet by 4 feet, 3 feet by 5 feet, 3 feet by 6 feet and 4 feet by 8 feet, with a 1-inch black vinyl border. Three, 4 and 6-foot widths are available in rolls of about 20 lineal yards.

Circle No. 110 on reader service card

A. B. Mills Pty., Ltd., of Australia, makes a line of hand-made golf bags, made of kangaroo leather. The line
includes all sizes from a 14-club model with three pockets and three full-length compartments to a lightweight beginner's bag for six clubs. Mills also makes head covers in kangaroo fur, kangaroo hide, conventional leather or vinyl in a variety of colors.

Circle No. 111 on reader service card

Febco, Inc., introduces a rotary pop-up sprinkler available in full or adjustable part circle models. Made of brass, the sprinkler is enclosed in a cast iron body with an aluminum cover and can be removed from the housing by unscrewing and lifting out. Both models have two parallel over-under nozzles and are impact driven by the top nozzle. Sprinklers operate in the 70 pound to 100 pound pressure range and cover up to a 256-foot circle.

Circle No. 112 on reader service card

Epoxo Coating Div., Falcon Safety Products, makes a long-wearing, non-skid floor coating. It can be applied to steel, concrete, macadam, aluminum, stone, linoleum and asphalt and can last up to five years under wear-and-tear conditions. A minimum amount of preparation is needed to apply the coating; drying time is about five hours. The average coverage per five gallons is about 225 square feet. Colors available: red, green, gray, black, white and orange.

Circle No. 113 on reader service card

International Minerals & Chemical Corp. introduces Fall Fairway Food, designed especially for fall feeding of golf courses. It features a 7-7-21 formulation with additional secondary and micro-nutrients. The turf food can also be used at other times of the year as a supplement for turf fertilization programs based on natural organics such as sludge and tankage.

Circle No. 114 on reader service card

The Seal Chemical Corp. makes Tire Seal, for instant flat tire repairs. According to the company, Tire Seal makes tires permanently puncture proof and will stay pliable for the life of the tire. The sealer is non-flammable, works in extreme hot or cold temperature and is safe for rubber and metal. It is shipped 12 kits to a

Continued on page 110

OMEGA MOWER
WITH
Complete Driver-seat OPERATION

forward seat visibility
maneuverability
control

Design eliminates driver training and error.
Hydraulic lifts—automatic stops—indepedent reel speeds ... and more.

write

Milbradt Mfg.
Janesville, Wisconsin 53545

For more information circle number 238 on card

Renew and Sharpen
ANY SAW
Automatically
with-easy-to-use

Maintenance Equipment

by Foley

• Carbide Grinders • Setters
• Saw Files • Tool Grinders
• Retouchers • Polishers
• Automatic Saw Grinder • Carbide Tipping Fixture
• Manual or Automatic

Every tool needed to sharpen everything from hand saws to band saws to carbide cutting saws and tools. Highest professional quality, precision accuracy. Each Foley sharpening tool incorporates exclusive features to eliminate the need for experienced operators. No special training required. Save thousands of dollars on tool maintenance with Foley sharpening equipment.

FREE CATALOG Send for your free copy of this illustrated catalog showing complete line of Foley equipment.

Foley MANUFACTURING CO.
395-9 Ringer Building, Mpls., Minn. 55418.

For more information circle number 236 on card
snowmobile
Continued from page 79

The superintendent is being infiltrated from within. Among certain experts in the turf management field there is a feeling that snowmobiles are not the tools of course destruction. None of them wish to be identified but each drops the hint that maybe the super is crying foul before one is committed.

The superintendent is ever mindful of the possibility he might be barking up the wrong tree. However, he must look upon his task through different eyes, since he remains responsible to the membership for bringing the course to manicure sharpness at the first signs of the golf season.

In all matters of course damage the super assumes the attitude of the researcher, rather than the physician. He is brought up on the doctrine of prevention, not cure. "Why court trouble?" is the universal question. "We have enough of it without these mechanical devils."

The long and the short of it

Short caddies have a tall problem with apparently no solution in sight.

Since many are not 6 feet, they are forced to carry the golf bag at a level that rubs up against their knees. The bag manufacturers have standardized their product so that when the strap is raised to the highest possible notch, the bag still hangs too low for shorter people.

A leading manufacturer responded to this single complaint with the statement that if they were to make the straps any shorter many people wouldn't be able to fit their arm inside it. He also added: it would be highly expensive to redo production lines; it didn't seem to warrant the expense, and that he had never gotten any complaints in the some 40 years he has been in business.

Obviously, one short caddy doesn't agree.

Technical arguments follow.

From the superintendent's vantage point, the snowmobile causes a fabricated sheet of strangulation on top of the naturally porous snow cover. In doing so, the compaction shuts off all oxygen to the plant below, hindering life just like a choking layer of ice. For that reason alone, the snowmobile serves as a curse to the turf.

The snowmobile cult and its supporters counter with their ammunition, based on the flimsy but applicable assumption that the super's conclusions are controversial. The plea here is that off-season damage or winter kill existed.
long before anyone dreamed of building a snowmobile. The technical battle at present appears to be a standoff.

When finally there is concession made in the form of an economical venture by the golf courses's powers-to-be, the superintendent must take a dim view of his professional position. Fittingly, when a course opens its arms to snowmobiling, there must be established a set of rules for operating the vehicles and a plan for preparing the course. This smacks the super with an added burden. He is the outstanding victim.

In such a touchy development, the superintendent must realize that he and his help are to be 24-hour watch dogs. When the snowmobile is allowed to roam the course, round-the-clock surveillance is required, the responsibility thrust on the shoulders of the super.

Staking the course also falls in the lap of the belabored superintendent. All greens must be fenced off with care taken to avoid charging into water pipes backboning the irrigation system.

Finally, when the course has been groomed for the invasion of driving tread and daredevil drivers, the physical properties of snow cover have to be expertly assessed before the green light is given. A depth of six inches is the absolute minimum for the prevention of turf injury. Then, in the case of slushy conditions, the super must be on hand to determine if it is safe enough to risk a machine's claws scraping bare spots.

In arriving at a windup point in this discussion, the superintendent is forced to realize that he is both a product and victim of the recreational surge which might have prompted him to turn his professional aspirations to the golf course in the first place.

Progress, no matter how defined or exposed, constitutes an unstoppable. There were only a few thousand snowmobiles in operation five years ago. This burgeoning season it is estimated manufacturers will complete sales of 100,000 or more. In the immediate future there are visions of one million snow-spitting racers carving their way through and across the United States.

In essence, the snowmobile—according to the reluctant retreat of the golf course superintendent—is a necessary evil. Like the electric or gas-driven golf car, it has sneaked up on him and accounted for new avenues of challenge and responsibility. True, he doesn't have to like it. Unfortunately, he has to live with it. •
DIADEM Spreader

FASTEST SPINNER Spreader and Seeder
PRECISION BROADCAST . . .
up to 50 ft. swath in
1/5 of the time
BEST FEEDING with conical steel hopper
. . . LOW PRICE . . .
The VANDERMOLEN Co.
P.O.B. 967—W. Caldwell, N.J. 07006

For more information circle number 227 on card

NEW PRODUCTS

Continued from page 107

Circle No. 115 on reader service card

Philadelphia Carpet Company offers a line of carpets with DuPont’s Antron nylon pile. The carpets come in a variety of weights and textures in any color or color combination, and are sized to meet individual requirements.
Circle No. 116 on reader service card

The Case for Automatic Irrigation

AUTOMATIC CONTROLLERS WITH “BUILT-IN” BRAINS

Put water where you want it, when you want it, in the amount you want, with Febco, the automatic controller with the built-in brain.

CHOOSE FROM 3 ICM MODELS
ICM 12E — 12 Stations
ICM-Dual 12E — 24 Stations
ICM 24E — 24 Stations

— 14 day programming — 15 minute starts — Accuracy within 20 seconds — Daily or every-other-day scheduling — Multiple recycling every day — Stations may be omitted — Wall or pedestal mount — Can be converted to manual — 24 volts

NEW!

CR-10 10 STATION CONTROLLER
— Simplified controls — Accurate to 60 minute timing — 14 day programming — 48 start trips — 24 hour clock — Automatic-off-manual switch — Internal terminal strip — Manual advance button — Pump control circuit included

12 OTHER ELECTRIC OR HYDRAULIC MODELS FROM 1 TO 18 STATIONS

FEBCO Incorporated
9121 Glenoaks Blvd. — P. O. Box 368 — Sun Valley, California 91352

For more information circle number 221 on card

Thompson Polyethylene Buildings, Inc., introduces a portable toilet building, made of polyethylene, which is designed to withstand outdoor use. Exterior painting and maintenance is eliminated due to an ultra-violet light stabilizer built into the material.
Circle No. 117 on reader service card

Pro-Shu Company offers ladies’ golf shoes made of multi-colored calfskins. Featuring “magic-carpet” cushioned innersoles, the shoes are available through pro shops for $37.50.
Circle No. 118 on reader service card

The “MIRACLE” Tool for FINEST TURF MAINTENANCE

FUESRT FLEXIBLE TINE HARROW®

Ideal for construction and maintenance. Scarifies, harrows, drags, smooths, aerates. Works in fertilizer and seed. Used by golf courses, nurseries, parks, beaches, freeways. Low cost. No maintenance. 6 ft. to 24 ft. widths in 12 different models. Also new 4½ ft. wide MINI-HARROW for compact tractors. You'll get a handsome return in beauty and labor savings for a small investment.

Write today for literature and prices.

FUESRT BROTHERS Dept. G-3, Rhinebeck, N.Y. 12572
For more information circle number 233 on card