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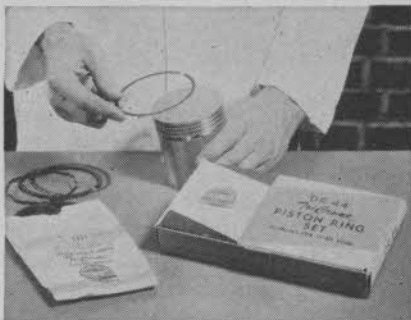
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With savings like these, it pays to use factory parts to repower your Wisconsin. And since an engine is only as good as its parts, you can't afford to take unnecessary risks.

Wisconsin parts are identical in quality to the originals. You get rugged forged-steel connecting rods and crankshafts. Valves, rings, pistons, and other parts are engineered to Wisconsin specifications. Since no other engines are built quite like Wisconsins, non-Wisconsin parts won't do — *and can actually cause serious and costly damage!*

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TriCrome® rings permit re-ringing Wisconsins with moderately worn or tapered cylinders for 1/3 the cost of reboring. Ring sets are also available in .010", .020", and .030" oversizes.



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a new POSITIVE way
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(FOR MEN AND WOMEN)



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ASSISTO golf glove “locks in” a firm, strong contact, makes club a true extension of player's arm throughout the golf swing!

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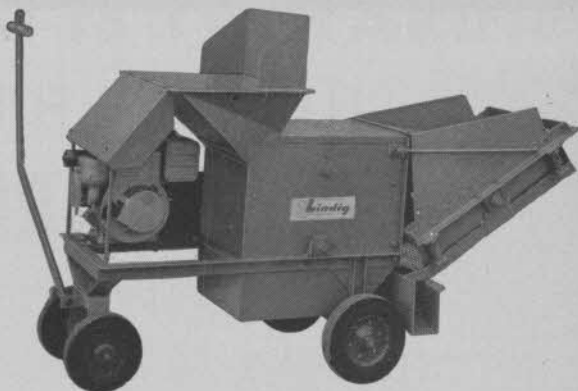
Send card today for complete information and a sample ASSISTO golf glove for your own inspection and use and for player reaction—at no cost or obligation to you. (This offer only to Golf Professionals.)

NOT “just another” golf glove! ASSISTO's unique, patented feature actually *locks* the golf club into the player's hand during the swing. Regardless of handicap, every player trying this glove *immediately* experiences the firmest, strongest contact he's ever felt on a golf club! The club truly becomes an extension of the player's arm throughout the swing! ASSISTO's positive locking feature is simplicity itself, folds out of the way for putting. Handsome, crafted from the very best glove materials—once you put an ASSISTO glove on a player's hand he'll never give it back—it sells itself!

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New Model 3B-9

Build and maintain your greens at a savings with the new Lindig Model 3B-9 Shredder. All material is completely mixed and aerated for vigorous turfgrass growth. Screener attach-

ment prepares *stone-free* top dressing.

Golf course superintendents prefer Lindig performance and economy plus the uniformly even textured end product.

Write for facts and illustrated brochures on the Lindig complete line of shredders (hand or tractor bucket fed models).



Depreciation Reserves

(Continued from page 20)

reels: \$50 per unit.

Livesey points out that supts. and dealers feel that disregarding depreciation schedules or formulas, the actual depreciation of tractors, mowers, etc. is largely contingent upon the treatment these units receive and how often they are checked and repaired. Some supts. added that they feel the best time to trade in tractor equipment is about every seven years, enabling them to avoid major overhauls and getting what they consider to be the best deal, pricewise. In addition, the supts. say that from an efficiency standpoint, it isn't advisable to keep tractors more than seven years.

Cites Finance Plan

According to J. M. Kaufman, sales promotion manager for Toro Manufacturing Corp., his company is presently engaged in a thorough study of repairs, salvage values and other factors pertaining to depreciation and replacement, but it will be some time before it is completed.

However, in 1960, when Toro was setting up its fleet financing plan that

covers both purchases and leases, a payment and leasing term of from 36 to 40 months was decided upon. The reasoning behind this is that the best economical period of useage of grass cutting machinery and allied units is three years. After this, the high cost of repairs to the units, and their loss of efficiency, generally make it unwise not to invest in replacement equipment.

In the opinion of Frank L. Lindig, Jr., pres. of Lindig Manufacturing Co., Inc., St. Paul, when a depreciation rate is computed probably too much emphasis is put on the number of years a piece of equipment should last. What is more vital, he declares, is how many hours will it be used and what kind of servicing will it be given. "When a machine is purchased," Lindig says, "a replacement budget should immediately be set up for it. This budget should be based to a certain extent on the manufacturer's estimate as to how long the machine will give economical service. But it is important to find out from the course supt. how many hours a week or month the machine will be used, and to what kind of usage it will be subjected. You can't arbitrarily say that any piece of

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equipment has a life expectancy of say five or ten years. If it is used twice as long each day at Course A as at Course B, then the expectancy is going to be cut in half at the former course."

Urges Keeping Daily Log

In conjunction with the replacement budget, Lindig feels that a daily log should be kept on the use and servicing of more expensive machinery so that it can be determined whether or not it is going to give good service as long as was originally thought. At the same time, the replacement budget should be flexible enough to cover important fluctuations in the life expectancy of the machine.

When it comes time to replace a machine and there is hesitancy on the part of the club to appropriate the money to do it, Lindig suggests that these things should be considered:

How much will it cost to buy new parts for the old machine, and how much will it cost to install them?

How much does it cost in man-hours to hang on to worn-out equipment?

Will the above costs more than offset the cost of a new machine in a

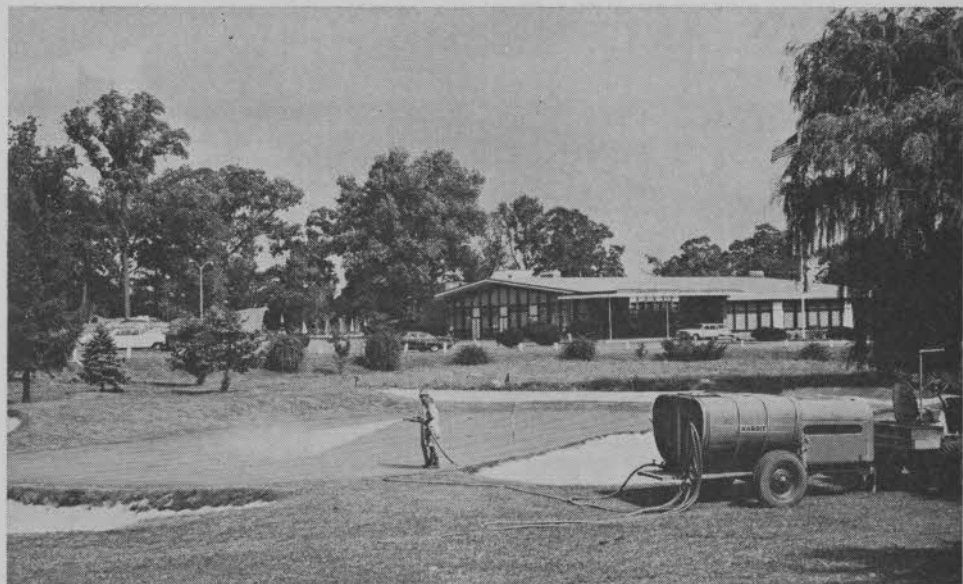
month's or year's time?

Clarence D. Hunter, assistant sales manager of Hardie Manufacturing Co., Inc., Wilkes-Barre, Pa., which makes spraying equipment, advocates following closely the servicing recommendations of the manufacturer to prolong the life of any piece of equipment. "A good deal of education still is needed in this respect," he declares.

Where spraying equipment is involved, frequent flushing along with an occasional thorough cleaning and proper winterizing greatly extends its life. It is recommended that this kind of equipment be traded in every five or six years and an annual depreciation of 20 per cent is suggested in writing it off.

Hunter, incidentally, points out that too many courses don't have the services of a first-class mechanic and that it probably costs them money. "The supt., or the person who is in charge of repairs and maintenance of machinery, probably is a turfman at heart," he says, "and considers this work to be of a secondary nature. He's not quite as adept as a Class A mechanic and, as a consequence, isn't capable of keeping

THE TREND IS TO HARDIE*



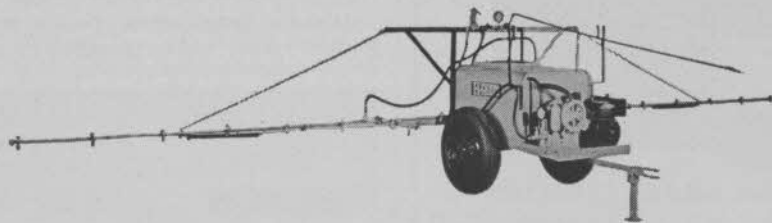
Ashbourne Country Club, Cheltenham, Pennsylvania

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Yes . . . the trend is to Hardie . . . because with a Hardie, the beauty of your fairways, greens and club house grounds can be preserved with dependable ease . . . Hardie Hi-Pressure sprayers are available in sizes from 3 to 60 gallons per minute. Pressure is adjustable from 50 lbs. for weed spraying to 800 lbs. for hand spraying greens, shrubs, etc. The Hardie Hi-Lo pressure regulator weed boom is considered by many Golf

Course Superintendents as the ultimate in boom design and performance. Hardie also manufactures a complete line of single and multi-nozzle spray guns for exacting green or shade tree work.

There is a budget-priced Hardie Sprayer, with either the famous long-lasting Hardie Douglas-Fir wood tank, or the conventional steel tank to meet your exact requirements. See your Hardie dealer soon, or write for illustrated literature.



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all the equipment in A-1 condition. He shouldn't be criticized because, under the circumstances, he undoubtedly is doing a good job. What the club that employs him should do," Hunter concludes, "is weigh the cost of hiring a regular or part-time mechanic against what it costs to go along under the present setup."

Hogan Expands Bag Line

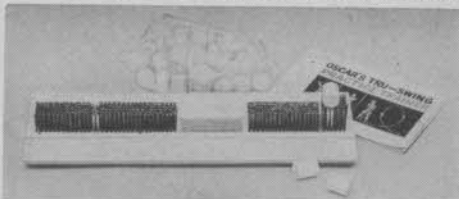
Increased demand is resulting in the expansion of the Ben Hogan golf bag line for 1962. It now offers 11 models, including bags



for women and Juniors, plus a selection of carryalls and shag bags. Burton Mfg. Co., Jasper, Ala., is manufacturing the bags to the design of Ben Hogan. The new styles offer an unbroken line in design that has been developed by innovative brace fastenings. This construction removes the stay and stay cover from the outside to the inside of the bag. Models are available in kangaroo, cowhide and steerhide with matching accessory bags as well as in nylon and washable vinyl-coated cotton duck.

Tru-Swing is Latest of Indoor Practice Devices

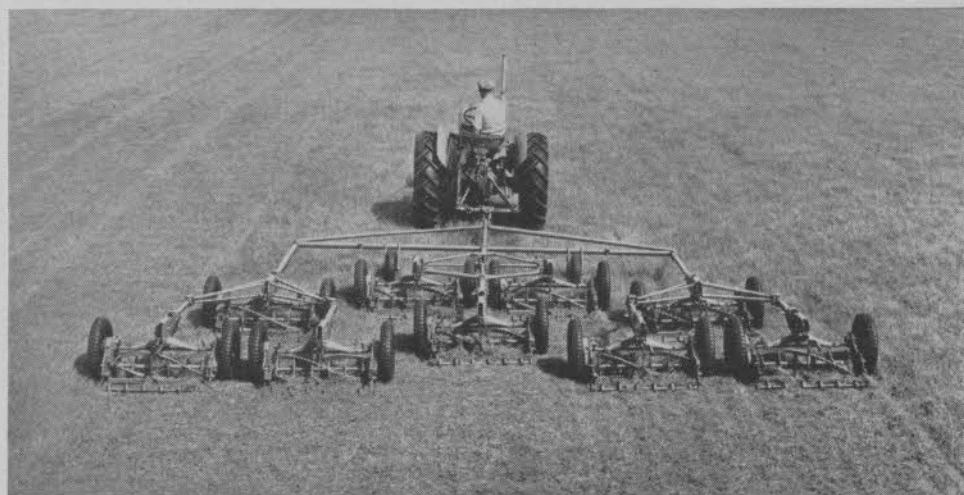
Recently introduced is Oscar's Tru-Swing practice system which, according to Automation Development, Inc., Union, N. J., enables



the player to get in his practice cuts in half the floor space of the average living room. With the set are 24 "looping practice" balls that go straight, hook or fade, depending on how they are hit, a practice tee that fits in a dresser drawer, and a 16-page trainer booklet, written by Claude Harmon, Winged Foot pro. Information about the practice set can be obtained by writing to Automation Development.

Ransomes

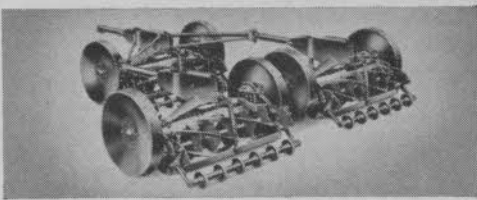
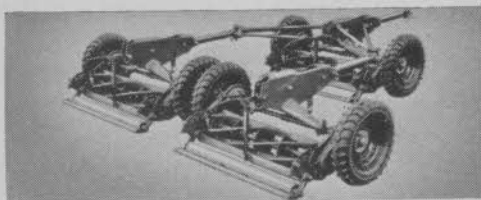
MOW THE WORLD



Ransomes make the world's finest mowers for the professional — and professional groundsmen use them on pleasure parks, airfields, grazing grounds, ornamental gardens and sports grounds in over 100 countries.

Ransomes 'SPORTCUTTER' and Ransomes 'MAGNA' gang mowers are the same fundamentally but they each incorporate features for two distinctly different functions. The 'Sportcutter' is designed for mowing on golf courses, parks, estates and sports grounds where regular mowing and a rather fine cut is essential.

The 'Magna' is the machine for dealing with very rough areas and is able to stand up to long periods of work under the toughest conditions. 'Magna' is particularly suitable for work on airfields, in orchards, and on pasture-land, dealing with tough grass up to about 8" high.



*'Sportcutter and 'Magna' Tractor Gang Mowers
in groups of 1, 3, 5, 7 or 9.*



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Backdrop8'x9'
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Parrett Adds A Utility Car

Parrett Mfg. Co., 777 Paw Paw ave., Benton Harbor, Mich., which makes the Nassau golf car, has added the Jobber to its line. A two-pas-



senger utility vehicle, it has a quarter-ton capacity. A torque converter transmission that carries more weight over the rear wheels is said to give added stability. A catalog containing specifications can be obtained from Parrett.

Three Victor Recreation Units Become Autonomous Divisions

Victor Comptometer Corp., Chicago has established four autonomous divisions, three in recreation products, to handle its activities outside the business machine field. Worthington



Schaffner



Meyer



Smith

Golf Ball Co., Elyria, O., is headed by Robert F. Smith. This firm produces more than 1,000,000 doz. balls a year. It formerly was a Comptometer div., being acquired in 1960. Smith has been with Worthington since 1945 and has headed its operations since 1958. William D. Schaffner is pres. of Burke Golf Equipment Co., Newark, O., a former Comptometer div., which was acquired in 1959. It manufactures a complete line of clubs and markets other equipment and has exclusive rights to the National PGA label. Victor Electric-Car Co., Chicago, is headed by Henry C. Meyer. The div. was founded by Victor in 1953 to produce golf cars and is one of the four largest in the field. Meyer joined the division in 1958 and formerly was sales mgr.

Sprinkler Industry Installs System for Michigan State

Michigan State U. in East Lansing will have an automatic sprinkler irrigation system for its new turf research plots thanks to the sprinkler industry. A. J. Miller, Inc., Moody Sprinkler Co., Johns-Manville Co., and Sprinkler Irrigation Supply Co., combined to donate the \$3,672 installation which was put in last Nov. James B. Beard is the new director of MSU's turf program.

Beautiful courses get that way with Armour Vertagreen®

From 1 to 18, you'll find that Vertagreen does a better job of maintaining your course in beautiful, top-playing condition. In fact, the beauty of Vertagreen-fed fairways will earn you

compliments throughout the season. This year, use the *best* fertilizer . . . Armour Vertagreen . . . and expect the *best* results!



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The complete, premium fertilizer with a wide range of analyses for every course need.



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Offers uniform spread pattern . . . corrosion-free coating . . . damage-resistant agitator for longer life . . . exclusive "Four-Wheel Balance."



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Non-burning, long-feeding, 100% organic plant food. Good for feeding during hot summer months.

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637 E. Center St., Milwaukee 12, Wis.

Telsco Industries Move Into New Plant in Garland, Tex.

Telsco Industries has just moved into its new plant at 3301 W. Kingsley rd., Garland, Tex., and the manufacturing area with 30,000 sq. ft.



Interior of the new Telsco Industries plant.

of floor space is in full production. The office area, with 6,000 sq. ft., also is housed in the new building. A separate 4,000 sq. ft. research and test structure is being completed. Present plans call for expanding the main building in 1963 and again in 1965. Among the products being manufactured in the Garland plant are the Weathermatic line of spray heads, rotary turf sprinklers, remote control valves, and accessories, PVC normal and high impact plastic pipe and malleable iron threadless fitting made by the Telsco Fitting Div.

S & R Practice Balls Have Built-in Tees

Practice balls manufactured by Sinclair & Rush, Inc., St. Louis, are molded from Geon vinyl, a product of B. F. Goodrich Chemical Co. Called the Tee-Ball, they have built-in tees of the same material and, according to the manufacturer, feel like the real thing when hit. Flight is short, making it convenient to practice in close quarters. Geon vinyl is soft enough that the tee can be cut away if the golfer wants to use the Tee-Ball to practice iron shots.



Rowco Brochure Available

An all-products color brochure, #PB 61, describing its powered brushcutter, Trimkut power lawn trimmer, Rollking 500 lb. power roller, Rolling 1,000 lb. tandem roller and the Quick-Pik litter picker can be obtained from Rowco Manufacturing Co., Inc., 8 Emerald st., Keene, N. H.



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