

analog computers calculate the speed, distance and direction of the golfer and automatically translate these signals into power pulses for the pair of electric motors.

Motor Appliance Corp. Complete line of battery chargers for golf cars and personnel carriers. Twelveto 36-volt chargers with recessed timer, pilot light to show operating condition, 12-hour timer, non-aging silicon rectifiers, heavyduty Ferro-Resonant Transformer and exclusive Thermo overload protector for maximum protection. The Series E battery/chargers cannot be damaged due to short circuit condition or accidental reverse polarity.

Pargo, Inc., features new improvements in its 1973 golf car line. Electric golf cars with adjustable seat back, increased protection including side rub rails all around the fiberglass segments of the car. Increased leg room and storage space for pocketbooks and sweaters. Car has been designed to give deluxe ride by the use of rear coil springs. Electrical changes have been made for ease of maintenance.

Shatai Kogyo Company, Ltd., features the *Skket* electric golf car manufactured in Japan. The lightweight car has a steel frame and fiberglass body.

Sit-N-Rest Golf, Inc., features the *Cart-Boy* combination golf cart/golf bag.

Playmaster Corp. introduces the *Playmaster* golf car, which features a fiberglass body, two reverse speeds, caliber disk brakes and carries four golf bags.

Westinghouse Electric Corp. intro-

duces the *Model 437* (three-wheel) and *Model 436E* four-wheel electric golf cars. Cars are powered by a $4\frac{1}{2}$ hp traction-rated motor and feature adjustable seats, all-steel construction, bolt-on panels, oversize tires and full springs for front and rear suspension.

Westcoaster, Div. of Otis Elevator Company, features the S71, fourwheel electric golf car. Also 970-A-4 gas turf vehicle.

GOLF EQUIPMENT

Acushnet Sales Company. Titleist golf clubs have stainless steel irons with the weight redistributed between hosel and toe. Also Finalist and Titlette (ladies') clubs. Introduces new Titleist golf ball with 324 shallow dimples, 12 less than previous ball. Also Finalist and Club Special golf balls. Golf bags come in leather, buckskin and reinforced vinyl, with matching headcovers and carryalls.

All Star Pro Golf Company, Inc., All Star Invitational irons with either stainless steel or conventional steel heads. Super All Star 300 proonly golf ball.

American Precision Golf Corp., will show golf clubs.

Ames-Avon Industries. Avon molded rubber golf grips, including Cobra with a very coarse simulated tire-tread pattern; Falcon, "hourglass" effect for interlocking grip.

Around-The-Green Enterprises features blade and flange type putters and the chipper model with a brass head and black line top. Accessories: golf towels, putter/chipper covers, the *Bal-Bak* retriever and the *Pacifica* electric pull cart.

Atlantic Products Corp. Golf bags, with 15 new model designs for 1973. *Lancer* front ball pocket; *Indexer* nine-inch molded bottom, which allows grip separation in a conventional bag; three new *Pro Harness* assemblies; women's vanity pocket design; new`full gusset headcovers and new golf bag travel covers.

Burton Mfg. Company features Steerhide, Leather Tex, Sports Vinyl and Sunday golf bags. Bags have steel ring reinforcement, padded slings, hidden umbrella well, large pockets and Delrin zippers. Burton also features the Stowaway Carryall which matches golf bag colors. Also available are bag covers and headcovers. Burton also distributes Penfold golf gloves; Penfold golf balls in American and British sizes; Morton Knight men's cool weather jackets and all-weather golf apparel.

Butchart-Nicholls, Inc., introduces *SCX* golf clubs with investment cast stainless steel iron heads with power toe and sole extremity weighting. Clubs are not swing weighted, but feature B-N's ration balance controlled total weight with stroke control design'. Woods have brass weights in toe; Model X-1 clubs feature semi-flanged sole; *Professional* woods and irons in men's and women's models.

Chico's Tomahawk, Inc., makes custom made putters, pitching wedges and handmade putter covers as well as the *Rake* sandwedge.

Otey Crisman Putter Company. Handcrafted putters feature hickory, steel, aluminum or bamboo shafts.

George Diehr Golf Repair features continued on page 33



handmade woods and putters.

Double Eagle Div. of Ajay Enterprises Corp., formerly Fernquest & Johnson. SSV golf clubs-investment cast stainless steel irons with balanced square toe design, special alloy insert; woods have special adjustment screw. XSP golf clubsirons have semi-square toe, nickel chrome finish; hard rock maple woods. San Franciscan golf clubs and Marilvn Miller women's clubs. Tru Sphere, Double Eagle, Professional and Pro Master golf balls. Also range balls. Ajay golf gloves with Velcro fastener. Golf carts and golf cart/bag combinations. Kaddie Kart steel or aluminum rental golf carts.

Dunlop Tire and Rubber Corp. features Maxpower clubs with stainless steel iron heads with increased loft of one degree. Clubs feature new shaft, which is said to eliminate torque and recover faster in the kick zone. Concentrated step-down shaft. Maxfli irons slightly offset, clean Scotch blade; woods feature fourway roll, full sole plate. Bob Charles steel forged clubs for left-handers. Gundy ladies' clubs with irons that are precision weighted and balanced. Susie Maxwell clubs with weightbalanced irons. Introduces the Blue Max wound golf ball with a Surlyn cover; also Maxfli and Pro-ette golf balls. New airliner golf bag cover with rally stripe. Cowhide and expanded vinyl golf bags. Dunlop All-Weather men's golf shoe in eight colors made of poromeric vinyl with leather lining.

Easajo Golf Company features handmade putters.

Eaton Corp. Molded Products Div. Rubber and combination rubber/ cord golf grips. Features Golf Pride grips in 21 styles.

The Fast Eddie Putter Company, Inc., features handmade putters in 10 models.

Faultless Sports introduces Omega golf clubs, featuring investment cast stainless steel irons with weight distributed across the back pad of an extra length blade, putting more mass behind the sweet spot. Three different driver heads available in a variety of colors in jumbo, regular or shallow. F-IV irons have satin chrome Scotch blade design with barrel hosel. Woods have three-dimensional fleck finish. Lady Omega irons have smaller blade, but more weight distribution between hosel and toe. New wood head finish and styling. Introduces Omega threepiece golf ball with solid center and Surlyn cover; Professional Plus computer blend golf ball and solid range balls.

Field Golf Company introduces *Registered Professional* model clubs with square toe irons with wide flange at bottom. *Victura* forged irons retailing for under \$200. *Lady Bristol* golf clubs with square toe, wide flange at bottom for the irons.

First Flight Golf Company, Div. of Professional Golf Company. Introduces the *FTD-OSS* offset stainless steel iron with more weight in the clubhead and less weight in the hosel. Blade is slightly offset with square toe; woods are also offset. Model *FTD* features forged steel iron heads with weight taken out of the hosel and redistributed into the head. Men's and women's *Golden Eagle* woods and irons and the *FX*-*101* golf clubs for left-handers. Also the *Fair Lady* clubs with chrome irons and laminated maple woods. First Flight, Greenmaster and Fair Lady golf balls. Gloves, headcovers and accessories. Greenmaster golf shoes with steel shank and noncrack easy-flex sole. See separate listing for Duckster Sportswear.

Golf Tech, Inc., introduces *Excalibur Plus* stainless steel investment cast irons. Heel, toe and sole weighting, contoured and beveled sole, offset head design with reduction of hosel. Woods come in deep cherry color. *Excalibur* golf clubs are carbon steel forged irons and Cycolac coated woods.

Walter Hagen Golf Equipment Company introduces Haig Ultra irons with squared-up top line, narrow blade and weight redistribution; woods feature Lamilloy with specially-shaped alloy backweight, also traditional Model 66 woods. Ultradyne woods feature triple-roll backweight; irons have stainless steel heads with wide flange soles, lower center of gravity. Lady Ultra woods with melody blue finish.

Hillerich & Bradsby Company. Power-Bilt Citation golf clubs. Model 517 woods have brass backing and come with medium or deep face driver; Model 7292 irons have a power weighted flange back. Citation Model 317 woods are genuine persimmon; Model 2392 irons have plain Scotch blade and are levelumeplated. Power-Bilt men's and ladies' golf clubs with brass backing for the woods and non-scuff beveled sole irons. Countess Ladies Power-Bilt have laminated woods, non-scuff contour bevel sole.

Ben Hogan Company, Div. of AMF, Inc. Apex forged irons with lower weight distribution along the full continued 13. BEN HOGAN 14. LYNX 15. PEDERSEN 16. MACGREGOR

LULI

length of the blade, new alignment, face scoring with black fill to aid visibility and alignment. Apex woods available with Speed-Slot in low profile, deep face, personal and curved sole models with Accur-Aim insert. Ladies' Apex similar to men's models. Also Ben Hogan Princess golf clubs. Men's, cadet and ladies' golf gloves with Velcro fastener. Golf bags with expanded vinyl/leather trim and matching carryalls. Umbrellas, headcovers and accessories. Apex golf balls in 80, 90 or 100 compression. New Hogan Star golf ball with liquid center.

Karsten Mfg. Company. Ping golf clubs with stainless steel irons, nonglare finish. Features custom color coding system for woods and irons to help select clubs suitable to a player's natural stance and swing. Also Ping putters.

Lamkin Leather Company has leather and rubber grips.

Lynx Precision Golf Equipment. Features Lynx woods, irons and putters. Irons are cast stainless steel heads with improved weight redistribution. Laminated maple and birch woods are available as well as black Cycolac-coated woods.

MacGregor. Introduces the *Tourney* model clubs. Forged steel irons with measured weights on the heel and toe of clubs for weight redistribution. New sole configuration helps keep clubhead weight low turf drag is minimized—thin top line, shorter hosel. *V.I.P.* irons available with conventional or Split /Level soles; woods feature Tee-Sole to reduce drag. *MT* woods are restyled; irons have bold new *MT* identification on back pad. Available in conventional or Split/Level



Matzie Golf Company, represented by Golf Mart and Great Lakes Golf Ball Company, features the Velvet Touch line of putters in a variety of grips, shafts and colors. The Scratch putter, end weighted, fully squared, features large sweet spot. New to the line are the Geo. Low putters with epoxy insert on putter face, leather grip, fluted steel shaft.

Merit Associates Inc., manufactures the *Sight-Line* putter.

R. Neumann & Company. Features a leather wrap-on golf grip with a new tacky substance. The grip is said to get tackier as the humidity or dampness increases.

Northwestern Golf Company introduces the Lady Thunderbird iron with investment cast 18-8 stainless steel heads. Also available: Thunderbird irons with stainless steel head and a choice of several shafts, including stainles steel; also Rosasco Bros., stainless steel heads, and the Ultimate with chrome plated iron heads.

Arnold Palmer Golf Company, Div. of Professional Golf Company. Features Arnold Palmer FTD irons with redistribution of the hosel weight to the bottom of the club; woods have an aluminum insert. Palmer Tru-matic irons have contoured sole with built-in bounce, deep-faced driver. Lady Palmer clubs feature woods with forest green finish. *Palmer* and *Charger* golf balls. *Hot-Z* golf bags. *Greenmaster* waterproof shoes with noncrack flexible sole. Also, gloves and accessories. See separate listing for **Duckster Sportswear**.

Pedersen, Div. of O.F. Mossberg & Sons, Inc. Introduces the 100 golf clubs, featuring investment cast stainless steel irons with weight redistributed between the head and toe in the engineering process. *Model 17-4* features stainless steel offset heads with a high polish look. *Pedersen Lady* is introduced with a shallow-faced driver and irons with the bounce built into the sole. *St. Andrews* golf bag line features new styling and colors with suede and vinyl materials. *Excel* golf ball.

Penfold Galf Balls, Inc., distributed by Burton Mfg. Company. *Penfold Ace* golf balls in standard American size (1.68 inches in diameter) and British size (1.62 inches in diameter)

Toney Penna, Div. of ATO, introduces the *Super Blade* stainless steel irons made from the Lost Wax precision casting process. The hosel is part of a head into which the shaft is inserted. This allows weight to be taken out of the hosel and redistributed in the blade. The result is a club four or five swing weight points lighter. Also *TP* clubs with stainless steel irons.

PGA-Victor. Introduces *Ryder Cup II* woods and irons. Irons feature investment cast stainless steel with heel and toe weight redistribution. Radically shortened hosel and stylish cavity back design. Woods feature sole plate of aluminum and brass with three dimensional PGA insert. *Par Excellence* irons *continued on page 36*



are nickel-chrome finished with greater loft and length and eye-appealing diamond back pad. Woods available up to number seven. Also *Professional, Emblem* and *Classic* men's golf clubs. Introducing *Lady Par Excellence* clubs featuring greater lofted irons and small diameter shafted woods and irons. Also *Lady Contessa* and *Lady Classic. Champion* solid golf balls. Gloves, umbrellas and accessories. See separate listing for PGA's **Ryder Cup Fashions** golfwear.

Princeton Chemical Research (PCR) Golf Ball Company. Features the *PCR Professional* one-piece solid golf ball and a full line of solid range balls.

Progressive Dynamics introduces *Pro Dyn* golf clubs featuring offset stainless steel irons made from investment casting. The shaft fits over the hosel. Black persimmon or laminated driver. All flexes, dynamic steel shaft.

Quality Golf Imports, Inc., represents 38 different British golf equipment manufacturers. Ben Sayers line of golf clubs including the Big Ben driver; a lightweight steel pull cart; the Persuader putter kit, which comes with one shaft, five hosels and two semi-mallet heads; the Pencil putter. See separate listing for John Jacobs golf shoes by Barkers of England.

Rainbow Sales—Yamamoto & Company, Inc. Features Skyway golf ball with thick polyurethane cover. The ball has a liquid center and is USGA-approved.

Ram Golf Corp. introduces irons made from investment cast stainless steel. Also Golden Ram golf clubs; irons have the weight redistributed away from the center of gravity; woods have brass power weights on back of heads. *Golden Ram* golf balls come in 80, 90 or 100 compression.

Royal Golf Company introduces Royal Plus investment cast stainless steel irons with weight removed from the hosel and distributed from the heel to the toe of the club. Woods feature power groove design to reduce air drag and increase clubhead speed. Royal irons have a hard chrome finish and aerodynamic styling; woods come in Conswept or Sha-lo-face design. Roval Oueen irons constructed for the woman golfer. Woods come in choice of three colors. Royal Plus 6 golf ball has hexagonal dimples, random configuration and Surlyn cover. Also Royal, Fairway, Royal Queen and Tiger golf balls and Super V and Dura-Range solid range balls. Also vinyl carryall bags. Royal golf shoes are guaranteed waterproof and come in leather (\$32), and vinyl (\$24,95) in various colors and styles. Royal golf clothing includes doubleknit men's and ladies' golf jackets and Pla-Dri jackets and pants for stormy weather. Royal Snugger golf gloves.

Shakespeare/Plymouth Professional Golf Div. Introduces Mach II woods and irons with revolutionary shafts. Clubs available with Tor-Fil Sigma all-graphite shaft, Tor-Fil Alpha combination graphite and silicone shaft or Tor-Fil silicone shaft. XLD golf clubs feature forged iron heads. XLDEBS ladies' clubs have blue cast tinted shaft to match woods and grips. Introducing the Stylist three-piece golf ball with high tension windings and Surlyn cover. Plymouth 500 solid golf ball in a six dozen counter display; Buov floater ball retailing for \$.95;

Visa-Ball fluorescent high visibility orange golf ball.

Spalding Div. of Questor Corp. Introduces Top-Flite golf clubs with dynertial weighting system giving three-dimensional effect. Weight in heels, toe and sole of club. Irons have stainless steel heads, chrome exterior and hollow back. Elite clubs feature stainless steel irons with square toe, straight top line. Executive clubs feature weight redistribution in both woods and irons. MV2 men's and Sandra Havnie MV2 ladies' clubs in medium price range. Ladies' Top-Flite has weight redistributed between heel and toe. Top-Flite, Dot and Pro-Flite golf balls. Headcovers, umbrellas and accessories. See separate listing for Bernhard Altmann line of men's apparel.

Wilson Sporting Goods Company. Introduces Model 1200 woods and irons featuring Fore-weighted woods that bring the center of gravity forward in line with the shaft; perimeter weighted irons with tungsten disk in toe of club for better weight redistribution. X-31 irons feature stainless steel heads, wide sole. Woods have special brass soleweight. Staff Dynapower irons have adjustable weights in each iron head, fluid-feel hosel. New Staff LD golf ball with livelier center, more durable cover.

GOLFWEAR

All Sports Wear, Inc., will exhibit a sports wear line for men.

All Star Industries features the All Star golf glove.

Bernhard Altmann, represented