



Golf and utility cars

American Golf Car Manufacturers Assn.

Club Car, Inc., features the four-wheel electric *Caroche* golf car. It has a gross operating weight of 840 pounds with a suggested list price of \$1,319.50. Club Car has discontinued its line of gas-powered cars and its three-wheel cars.



Cushman Motors, Div. of Outboard Marine Corp. makes the *Trophy* four-wheel electric golf car, constructed of terneplate steel to resist corrosion. It features individual bucket seats, automotive steering and a 36-volt electric motor. A windshield and canopy are available.

E-Z-Go Car Div., Textron Corp., features the *Four Wheel Model X-444* and the *Three Wheel Model X-440* electric golf cars. The X-444 offers a low center of gravity and high ground clearance for stability and short turning radius. Cars are constructed of steel and feature spike-proof dash padding, open mesh bag wells and wrap around bumpers.



Harley-Davidson makes the *Utilicar* line of utility cars in gas or electric models. The body is made of heavy gauge steel and impact-resistant fiberglass, and it has a minimum gross carrying capacity of 750 pounds. Available with a line of accessories which includes a trailer,



cab enclosure, personnel carrier seat, cargo box of heavy gauge steel and a wooden stake box.

Texas Refinery Corp. offers *Tire Seal*, a liquid sealant, *Dzl-Lene*, a fuel stabilizer, and *Big Red*, a concentrated liquid chemical detergent.

Viking Corp. offers the *Viking '71* and the *Viking Baron* golf cars. The former has a fiberglass front cowl with built-in drink holders and a large storage area, customized suspension system, two pedal braking and speed control systems and a 36-volt electric power system. It is available in a color to match a club's color.

The Baron features a combination fiberglass and steel body, a console for the ignition and shift and an arm rest. It is available in lime green.



Irrigation equipment

Aqua-Dial makes a line of turf irrigation equipment which includes valves, heads and automatic controls. The line features a geared rotor sprinkler in two models. *Model 14* is a part circle sprinkler, and *Model 13* is a full circle sprinkler.

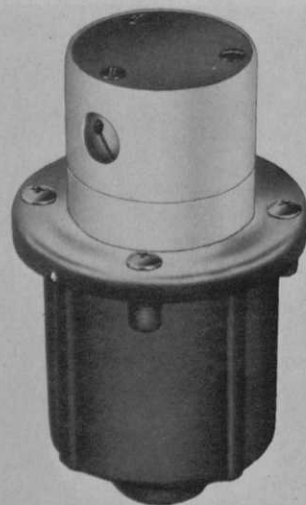
Buckner Sprinkler introduces a line of geared sprinklers and piston valves new this year. In addition the *Buckner Central Programmer Sys-*

tem for irrigation control is offered. The system features an infinitely variable syringe cycle from 1.5 to 5 minutes which overrides any existing programs.

Ethyl Corp., Visqueen Div., will feature PVC pipe made of polyvinyl chloride resin that maintains the strength of the original polymer. The piping is constructed using a Bell:Ring method which offers joint components for easy assembly. The pipes and fittings exceed all commercial requirements and ASTM tests.

Griswold Controls makes *Modular* and *Zone Control Systems* which automatically control irrigation. The Modular System programs a desired watering cycle throughout the course, while the Zone Control System controls the irrigation cycle in individual zones. In addition, Griswold offers diaphragm valves which feature slow closing action to prevent water hammers and which operate with sandy water.

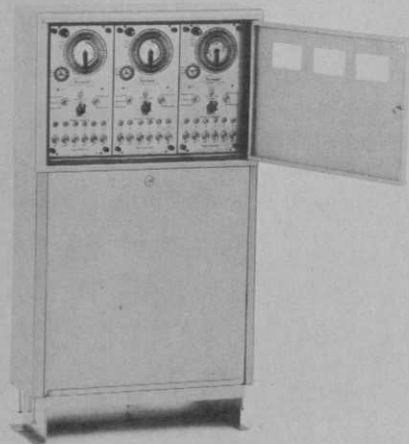
Hays Mfg. Company features *Safe-T-Rain* pop-up sprinkler in its line of broad-range sprinklers and solenoid valves. *Safe-T-Rain* is a ball rotor drive sprinkler which is a combination impact and pop-up. Its adjustable nozzle trajectory covers a radius of 16 to 43 feet. A single unit can be used for a circle of 30 to 360 degrees. Also offered are *Marfaid* automatic solenoid valves, *Rise-N-Rain* pop-up sprinklers, a spray head wrench and sprinkler housings.



Moody Sprinkler Company, Inc., features the *CP-18 Central Programmer* designed to control the automatic sprinkling system when
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IRRIGATION CONTINUED

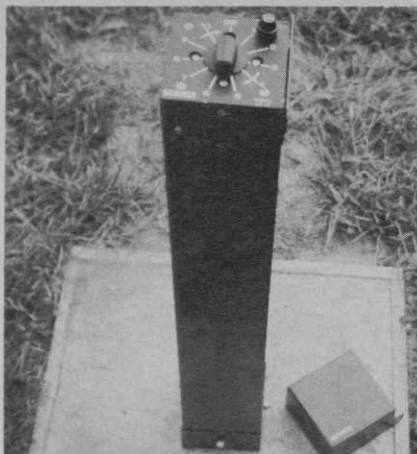


used with *Moody Slave Controllers*. It can stop, start or override watering programs set on remote slave controllers. Moody also makes a line of sprinklers, valves, heads, nozzles, attachments and accessories.

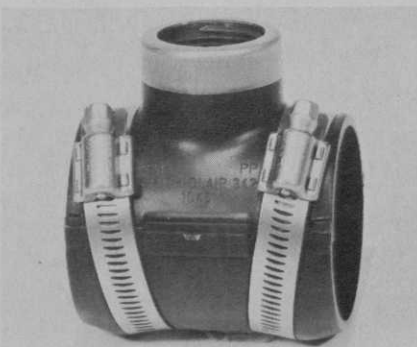
Rain Bird Sprinkler Mfg. Company offers a line of irrigation equipment which includes the *Rain Bird 41* rotor pop-up sprinkler with positive impact arm drive. Also offered is the *E.F. Electric Remote Control Valve*, a fluid resistor which does not use small orifices. A grit filter stops debris from entering the solenoid tubes and prevents the plunger from sticking in an open position. In addition, Rain Bird makes the *Master Control Satellite Systems* which features a syringe cycle timing adjustment.

Rain-O-Mat Sprinklers, Inc., features the *Model 21* rotary pop-up sprinkler in its line of sprinklers, automatic controllers and valves. The *Model 21* features a 180-foot diameter range and a 38-gallon-per-minute capacity.

Skinner Irrigation Company introduces a *Central Control System* which features individual valve operation and timing from the Center. Skinner also offers the *AC-10 Area Controller* and a system for converting a manual irrigation system to automatic.



Smith-Blair, Inc., features the *342* saddle for plastic piping connections which eliminates the need for solvent welding and delays in pressurizing the water system. In addition, a full



line of repair clamps and fittings for water system maintenance will be offered.

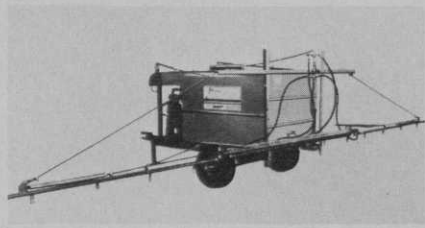
Thompson Turf Irrigation Products offers the *Challenger*, an intermediate range pop-up sprinkler with a tri-nozzle combination, free-spinning cap, easily removeable nozzle cartridge, positive high torque transmission and a three-year guarantee. In addition, Thompson offers the *Commander Rotor*, a medium range, gear driven pop-up sprinkler.

Toro Mfg. Company offers four new sprinkler heads in their line of *Moist O'Matic* irrigation equipment. The *620 Series* features a pop-up stroke of 2 3/8 inches, a high impact plastic body and a counter-sunk cover.

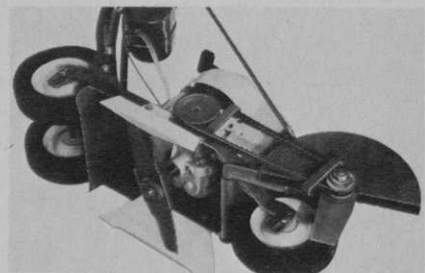
Weather-matic Div., Telsco Industries, introduces the *Command Satellite System* to its line of turf irrigation equipment. The *Command System* has a solid state control which enables syringing greens automatically. Weather-Matic also makes solenoid electric valves and pop-up rotary heads.

Maintenance vehicles

John Bean Div., FMC Corp., announces its *Model 1010-T Turfkeeper* sprayer. The *Turfkeeper* is equipped with high flotation tires, the *Royalette 10* pump which delivers 10 g.p.m. at up to 500 psi and a 13-nozzle boom and hose connections. Available with 150, 200 or 300 gallon tanks and powered by a 6 1/4 hp engine.



Bunton Company introduces the heavy-duty 22-inch self propelled mower with front wheel drive to its line of rotary power mowers, rotary push mowers and edger-trimmers. The *Model 22SPF-4T8* features 10 by 2.75 wheels, an aluminum alloy frame, a four hp engine with a five



quart fuel tank and a snorkel type air cleaner mounted on the handle. Also new is the *Four-Way Edger-Trim-mer* which has both a horizontal and vertical cutting blade.

The Champion Company features its line of *Doo-All Trailers* with *Terra-Tires*, a removable interchangeable one-cubic-yard hopper and a capacity of up to 5,000 pounds.

Cushman Motors offers the four-wheel and three-wheel model *Turf Trucksters*. The four-wheel model has a hydraulic jack and an air-cooled 18hp engine. The three-wheel model has a wide-box body and a 12 or 18hp engine. In addition, Cushman offers the *Turf Minute-Miser*, a one-passenger gas engine vehicle available with a covered cargo box.

Cyclone Seeder Company, Inc., offers its line of broadcast spreading equipment. The line includes the *Cy-*
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