

PRODUCTS

New engine installed in mid-size mowers

Bunton's mid-sized commercial mowers will feature a new engine manufactured by Onan, Bunton announced at the Lawn & Garden Expo 88.

The 12.5 hp engine has an overhead valve design and includes electronic ignition, pressurized lubrication and cast iron cylinders, among other things. The engine is available on Bunton's 32-, 48-, 52- and 61-inch mowers.

Bunton and its distributors will carry parts and offer service training for stocking dealers.

Circle No. 190 on Reader Inquiry Card

Portable stump cutter fits into tight areas

Rayco's RG 1620 (JR) tree stump and root cutter is a portable machine designed for areas with tight clearance and where self-propulsion is advantageous.

A 20 hp Kohler gas engine powers the cutting unit, and a hydrostatic motor provides propulsion. Guidance requires no handle bars, and the unit weighs only 630 pounds.



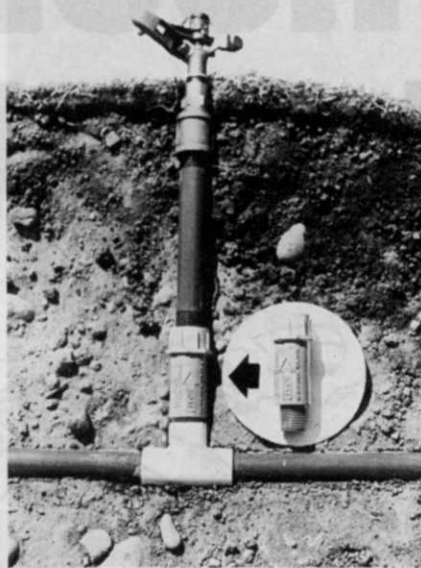
Circle No. 191 on Reader Inquiry Card

Valve shuts off water flow if spray head is damaged

The GeyserOff, a spring-loaded valve, senses water flow changes due to a broken sprinkler head or riser and shuts off flow to the head within seconds.

The valve attaches to each riser or sprinkler head below ground where the main supply lines are. The valve will shut off flow to the damaged head but allows flow to the rest of the system.

On automatic systems, when water comes back on, the GeyserOff, manufactured by Oases Industry, briefly releases water and shuts off again, a reminder that it still needs repairing. This will also flush out sand and dirt



that could clog the irrigation system. Once the head is repaired or replaced, the GeyserOff returns to normal operation.

Circle No. 192 on Reader Inquiry Card

System speeds inclement weather warning to golfers

The Course Alert system from Six-in-One provides golfers and spectators with instant accurate warning of inclement weather conditions.

A master control unit links a network of satellite sirens on the golf course. The key activated master control can be located in the pro shop or clubhouse. There is also a hand-held remote unit available.

The two-directional sirens can be strategically placed to cover the course. According to the company, an average 18 hole course can be covered by one master controller and four sirens. The system runs off electricity or solar power.

Circle No. 193 on Reader Inquiry Card

Moisture sensor saves 50 percent of water

The Moisture Stat can yield irrigation systems more than 50 percent in water savings, according to its manufacturer, Griswold Controls.

Moisture Stat is an electronic moisture sensing system that consists of a control panel and four sets of maintenance-free probes. Up to six stations can be assigned to each of the probe sets. When the controller begins, the Moisture Stat measures the

moisture across each set of probes and compares it to the desired pre-set moisture. If the signal indicates that moisture is above the setting, watering does not occur.

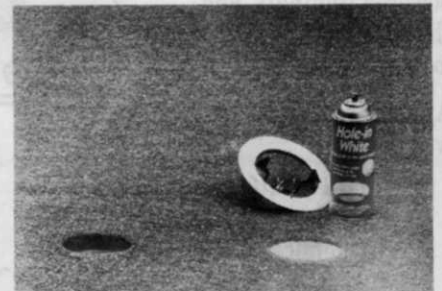
Circle No. 194 on Reader Inquiry Card

Device assists coloring of putting green holes

The Hole-in-White putting hole painter aids superintendents in painting the inside of putting green holes. The higher cup visibility is supposed to make putting easier and speed up play.

Hole-in-White consists of two parts: a steel device that fits over the hole and an inverted can of turf-whitener paint. The steel piece fits snugly into the lip of the freshly cut hole. The whitener slides into position and is activated by pressing down on the can. A few turns of the can and the hole is painted.

The device was invented and developed by three active members of the Connecticut State Golf Association.



Circle No. 195 on Reader Inquiry Card

Trencher uses eight teeth to reach depth of 10 inches

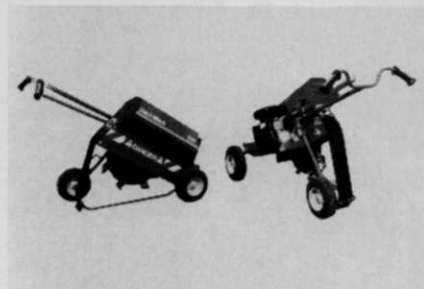
Ditch Witch has introduced a new compact, light-weight disk trencher (Model 510) for applications requiring a shallow, narrow trench.

The Model 510 is a 4.6 hp machine that has a simplified design with few moving parts. Eight digging teeth bolt on and off the 22-inch steel wheel disk for quick, easy changes. It can dig to depths of 10 inches at 2-inch widths.

The machine's narrow width of 31 1/4 inches is helpful in getting it into hard-to-access work areas. It can dig trenches for installation of service cable or sprinkler pipe, landscaping edging and other applications requiring a shallow, narrow trench.

The 200-pound trencher features an integral slip clutch to protect the

engine against shocks. An operator-presence control system requires that one hand remain in contact with a handlebar control during operation or the machine automatically shuts off.



Circle No. 196 on Reader Inquiry Card

Tool monitors compaction

The Penetrometer from Turf-Tec measures soil compaction in all turf areas and construction sites. The easy-to-use, quick release device is made of all-weather chrome.

It operates with the help of gravity and is calibrated from zero to 100 per-



cent compaction. The Penetrometer works on golf courses, athletic fields, playgrounds, new construction areas and other turf areas.

Circle No. 197 on Reader Inquiry Card

High speed mower cuts 3.5 acres an hour

The 724-Z commercial mower from Wheel Horse Products mows at 6.5 mph and covers 3.5 acres per hour, according to the company.

The speed is possible because of soft, low pressure tires. The tires act as a suspension system and also as gauge wheels for its 60-inch deck, which follows the contour of the turf.

Blades sharpened from tip to hub ensure a no-streak cut at that speed. The unit is equipped with a 24 hp twin cylinder Onan engine.



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Vibrating blades help reduce soil compaction

The Vibra Master from Green Care International is a disc and blade aeration system. Five free rolling discs slice the turf for a clean cut. Five vertical, vibrating blades follow the discs, creating aeration drainage channels while loosening soil to depths of eight inches.

PTO driven eccentric cams provide the vibration action by oscillating the blades backward and forward in a small arc.

The sizes of the three blades range from five to nine inches long. The unit, which is pulled by a tractor, uses either two or three blades spaced at two feet or five blades spaced at one foot.

Circle No. 199 on Reader Inquiry Card

Sign system provides plant information

The Sig-Num Signage System from Metalphoto features a 3 1/2- by 5-inch anodized aluminum sign that holds a maximum of eight lines with 25 characters each.

The durable outdoor signs have a



life expectancy of 20 years each. A complete installation system is also available.

In conjunction with introducing the new product line, Metalphoto is offering a free sample. Send the company a design of your sign which meets the above specifications.

Circle No. 200 on Reader Inquiry Card

Hose bag kit attaches quickly to blowers

A new hose bag kit attaches quickly to Roto-Hoe's line of walk-behind blowers. The eight-foot long hose has a five-inch diameter and is made of heavy-duty clear plastic.

It is reinforced with PVC strips rather than steel wire for minimum wear. The five-foot long bag attaches without the use of tools.



Circle No. 201 on Reader Inquiry Card

Lawn fertilizer injector calibrates chemicals

A redesigned version of the Chemilizer lawn fertilizing device manufactured by Chemilizer Products, can connect to underground systems, aboveground sprinklers or any type of irrigation system.

The Chemilizer is a small round container with standard hose fittings. It can be moved to different locations. Installation requires no special tools.

Liquid fertilizer is poured into the Chemilizer and is distributed as needed through a calibrated injector. The Chemilizer is available in two- and four-gallon sizes. The system needs replenishing with liquid only occasionally since the average lawn needs about one gallon of liquid fertilizer per 3,000 sq.ft. each month, according to the company.

In underground systems, chemicals are injected downstream of the water pump to avoid corrosion. The Chemilizer can be bypassed as needed.

Circle No. 202 on Reader Inquiry Card