HIGH-DUMPING SWEEPERS

Mr. Air Sweepers has recently added four new sweepers to its landscape maintenance vehicle line. Each model features separate storage lockers, a lockable cage, flat bed space and the ability to dump debris and trimmings into dumpsters and other receptacles.

The Model 1600 has a three cubic yard hopper. It offers easy access to the hopper through a back door for loading large debris and for checking the removable screen for easy maintenance. The unit performs well with debris, bottles, rocks and litter.

Model 2000 is a truckster-type, parking lot sweeper. The two cubic yard hopper and entire sweeping unit is removable. It sweeps rocks, cans, bottles and debris.

The Trident 300 Sweeper is a parking lot and street sweeper with a two cubic yard capacity. It is also removable from the truck and sweeps rock, gravel, cans, bottles and debris. All units have been designed for high-dumping and ease of maintenance.

MR. AIR SWEEPERS
Circle 156 on Reader Service Card

SERVICE TIMER

A new timer for all kinds of equipment and vehicles reminds the operator that the period of time is up for servicing the unit. It is called Service Minder I.

The timer has been field-tested on industrial and farm equipment, earth-moving machines in coal-mine areas, and inboard motors, to mention but a few. It may be used on trucks, utility company vehicles and backhoes—wherever recording hours for servicing is important.

The Service Minder I attaches to the key switch and counts the hours of operation as a reminder to service the machine. When you start a piece of equipment, it starts the timer and the hours are clearly displayed.

The timer is resettable. After you have serviced the machine at the end of the desired interval—say, 75 hours—you push the reset button and the display goes back to 0 to track the next service interval.

SERVICE BRAINS, INC.
Circle 157 on Reader Service Card

HIGH SPEED AERATOR

Speed, fewer moving parts and quick field adjustment were the main goals set by GreenCare International for its Core Master 12 hollow-tine aerator system. Powered by a small tractor PTO system, the unit can be used for aeration and thatch control on greens, tees, fairways and all types of sports fields.

Core depth can be changed simply by the turn of a handle while the coring pattern can be changed with a 'stop and go' procedure. The 49-inch-wide Core Master 12 uses case-hardened steel tines from 1/4-inch to 1 1/2-inch in diameter. Core depth is adjustable from one to four inches.

An optional core windrowing system is available. A core pickup system will be released soon says the manufacturer. Other attachments to provide a flexible tractor system are under development.

GREENCARE INT.
Circle 158 on Reader Service Card

VALVE BOXES

Irrigation valve boxes from the Harvard line of sprinkler/irrigation accessories are now available from the American Granby Company. They feature moisture- and temperature-resistant thermoplastic construction. The valve-box lids are impregnated with color-fast dark-green pigment and the box itself is black.

Six-inch extensions are available when deeper bury depth is needed. The extension may be used alone in areas of lower bury depth.

AMERICAN GRANBY CO.
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Grounds Maintenance Division

Circle 138 on Reader Service Card

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ROOKIES

PRODUCT UPDATE

GREENS MOWER

The trend toward faster putting surfaces has been recognized by Jacobsen with the introduction of its ultra-fine-cutting greens mower. Nine-bladed reels are adjustable from 3/32 to 7/16-inch to enable superintendents to cut greens as low and as smoothly as possible. Adjustments are fixed to assure a consistent height of cut.

The mower features a more powerful and quieter engine than previous models. It cuts a 22-inch swath with a single five-inch diameter reel.

JACOBSEN DIVISION, TEXTRON
Circle 164 on Reader Service Card

WALK-BEHIND SWEEPER

The Tennant Model 186 walk-behind sweeper can clean 18,000 square feet of indoor or outdoor surface an hour, nearly six times faster than hand methods. The unit sweeps a 34-inch path and can be converted to a scrubber in minutes, without tools.

The walk-behind unit is a flexible and fast cleaning device that takes up limited storage space.

TENNANT COMPANY
Circle 165 on Reader Service Card

BASEPATH CONDITIONER

Stade Rouge is a colored amendment to improve the condition and appearance of baseball basepaths and clay tennis courts. The red material is made from pulverized brick. It is capable of holding up to ten percent of its weight in water for better control of moisture in critical areas.

BIGHAMPTON BLOCK CORP.
Circle 166 on Reader Service Card

SOLID TINES

Solid tines can open up soil without the need to drag or pick up soil cores. Condesco says its solid tines will aerate more than 100 sand greens before they need to be replaced.

The company has an assortment of solid tines in sizes from 1/4-inch to 5/8-inch in diameter. The tines are carbide-tipped and come in a variety of shapes to do a variety of tasks, from preparing a seedbed to breaking up ice on greens.

CONDESCO INC.
Circle 167 on Reader Service Card

SOIL SAMPLER

The task of obtaining soil samples has been simplified by KHS with the introduction of its Soil Probe. The eleven-gauge stainless-steel probe will not rust and features a hinge design. The opening of the probe is adjustable and the enclosed receiving tube prevents mixing of soil levels.

The hinged design permits easy access and removal of the entire core. The probe has a one-inch diameter. Eight-inch and 12-inch core probes are available.

M&M SUPPLY CO.
Circle 168 on Reader Service Card
ROOKIES

FLOATING AERATOR

Barebo, Inc., has introduced a new stainless-steel and bronze rocket model floating mechanical aerator. It was designed for use in salt or alkaline waters to meet the water-management needs of people with very harsh, caustic water.

BAREBO, INC.
Circle 160 on Reader Service Card

NARROW SWATH SPRAYER

Micron Corporation has introduced Microflex, a hand-held sprayer for narrow targeted and spot applications.

The Microflex is a lightweight applicator utilizing controlled droplet application (CDA) technology for applying herbicides. It is powered by four "D"-size batteries and has a five-pint bottle to contain the chemical mix.

The main difference between the Microflex and the existing Herbi, also from Micron, is the width of the swath. While the Herbi sprays in a four-foot swath, with the new sprayer the user can vary the swath width between four and 18 inches.

This variability, combined with the controlled-droplet-size feature, makes the Microflex suitable for narrow band application in many situations, including fence rows and spot treatments.

MICRON CORPORATION
Circle 161 on Reader Service Card

PRESSURE-REDUCING VALVE

All-brass solenoid control valves have been designed by Griswold Controls for dirty water applications. The valves range in size from 3/4-inch to two-inches and will maintain a constant downstream pressure when upstream pressure varies from 5 to 200 psi.

The valves will operate reliably with water containing sand, silt, algae, chemicals, fertilizers, slime and other materials. They are self-cleaning and have no screens or filters to clog. The manufacturer says the valves also work well under low-flow, low-pressure conditions.

GRISWOLD CONTROLS
Circle 162 on Reader Service Card

SCALED-DOWN RAKES

York Rakes recently added to its line two new rake models for compact tractors. The TA1 and TA2 are specifically designed for the lower power capacities of lawn and garden tractors.

These rakes are scaled-down versions of the bigger York models. They offer a perfectly matched, optional grader blade assembly which is easily dropped into the working position to provide a smooth, even surface.

The rake/grader blade may be set at angles to discharge material at either the right or left side. A lift adjustment is also featured to achieve proper working depth and distribution of desired materials.

These smaller, compact units allow better maneuverability and ease of handling. They are being used for golf courses, tennis courts, athletic fields, parks and playgrounds, cemeteries, institutional grounds, and homes.

With the combination of rake and blade, many jobs can be performed in soil preparation, landscaping and maintenance functions. These rake units are rugged enough to handle removal of stones, roots and debris. They perform well at breaking up sod and mulching the soil, grading and leveling, filling in low spots, spreading topsoil quickly and evenly, or distributing crushed stone, gravel or cinders.

They are offered in three rake/grader blade width sizes of four-, five- and six-foot lengths.

YORK MODERN CORP.
Circle 163 on Reader Service Card
COMPACT TRENCHER

Trenching in confined, small and hard-to-reach areas is possible with the Ground Hog Model T-4 Trencher. Powered by a 5 hp gasoline engine, the T-4 digs a trench 3 1/2 inches wide and from six to 12 inches deep below the reach of most turf aerator tines.

The T-4 weighs 190 pounds and is 25 inches wide, 40 inches tall and 60 inches long. Constructed of heavy steel, the unit features a heavy-duty handlebar assembly, a main shaft mounted on Timken bearings and replaceable hardfaced blades.

A one-way wheel lock keeps the trencher moving only in the digging direction while engaged. An auger places soil removed by the chain to the side. An automatic clutch simplifies operation reducing the number of hand controls to a throttle and depth control.

GROUND HOG INC.
Circle 146 on Reader Service Card

FULL-CIRCLE SPRINKLER

Rain Bird has added the full-circle 6060 pop-up sprinkler to its Spec Series rotor family. It promises superior performance and added coverage for large commercial, industrial and athletic field applications.

With full-circle operation and double nozzle configuration, the 6060 ensures thorough water distribution over its 58-foot radius. The double nozzle includes a range nozzle for distance and an opposing spreader nozzle for close-in coverage.

The new 6060 joins the 4045 and 5055 Spec Series rotors, which both offer full or adjustable arc and have radii of 49 feet and 54 feet, respectively.

All three models offer a broad array of standard features. Equipped with a rugged plastic case and a sprinkler head assembly made of quality brass and stainless steel, the rotors include a resilient, one-piece rubber cover for added safety and an internal Seal-A-Matic valve to prevent low head drainage. Straight-through flow minimizes pressure loss.

RAIN BIRD SALES, INC.
Circle 148 on Reader Service Card

SULFUR-COATED UREA

Specifically designed for low-cut turf, a new line of small-particle, sulfur-coated urea fertilizers includes six formulations. They provide more particles per square foot than coarser-grade products, which can cause speckling.

The small size of the fertilizers increase the number of particles applied on low-cut turf to increase response, consistent greening and a more uniform distribution pattern. The sulfur-coated urea provides steady growth and long residual. Mower pickup is virtually eliminated because the new small particles readily filter into the turf.

The LESCO Elite fertilizers are available in the following formulations: 21-0-16; 21-4-12; 19-0-19; 15-0-30; 12-24-14 and 31-0-0.

LESCO, INC.
Circle 149 on Reader Service Card

LEAF BLOWER

A commercial-grade leaf blower has been added to the list of attachments for the Steiner center-pivot tractors. Heavy steel housing, a 14-inch fan and industrial relube bearings assure long life and extra power for the blower.

Winds in excess of 125 mph provide the power to move wet leaves and clean sidewalks, parking lots and other large areas of clippings, litter and light snow.

The blower hitches quickly and easily to either two-wheel or four-wheel Steiner utility tractors.

STEINER CORP.
Circle 150 on Reader Service Card
The Hydroturf System has several advantages over other types of automatic irrigation controls:

- Provides complete adjustability of the upper and lower saturation levels within each watering zone.
- Saturation level can be read with an analog meter at any time.
- Highly accurate linear sensitivity to changes in saturation levels.
- Instantaneous response to saturation level changes.
- Not affected by temperature, salts or fertilizers.
- Can be used with a timer or clock operation or operate on a continuous 24 VAC supply.
- No need for any service or maintenance such as water filling, calibration, etc.
- Provides an override switch to allow for extra watering after fertilization or during hot weather.
- Can be installed and adjusted without power from the clock.

A wide assortment of materials can be spread by Olathe's Model 45 pendulum-action spreader. This type of spreading device has been designed for applying sand topdressing and granular products to large turf areas.

The Model 45 is available with an engine and/or trailer for versatility.

OLATHE MANUFACTURING, INC.
Circle 152 on Reader Service Card

The Turf Lab Model TL-1 has been developed by LaMotte Chemical Products specifically for on-site evaluations of turfgrass soils. Each test kit includes materials for a total of 200 different tests. All components fit into a rugged carrying case for use in the field.

A six-inch soil probe and all necessary instructions come with the kit.

LAMOTTE CHEMICAL PRODUCTS
Circle 153 on Reader Service Card

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