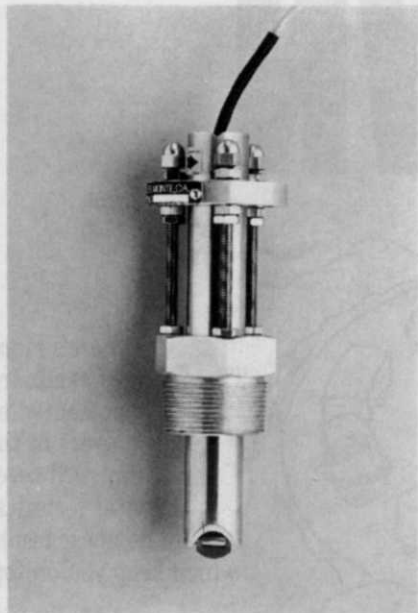


# PRODUCTS

## New flow sensor monitors booster pump performance

Signet Industrial has introduced its MK 3-2157 Perma-Flo insertion flow sensor, an economical instrument



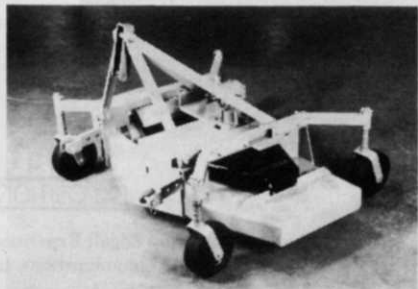
that can monitor flow rates ranging from as low as 0.7 feet to 30 feet per second.

In irrigation applications, the sensor is ideal for monitoring both the performance of booster pumps and the amount of flow dispensed.

Installation of the sensor requires that it be threaded into a standard 1 1/2-inch threadlot fitting. A unique quick adjustment feature allows it to be used in any pipe size greater than 1 1/2 inch in diameter. The sensor is accurate to  $\pm 1\%$  of the full scale with a repeatability to  $\pm 1/2$  of a percent. **Circle No. 190 on Reader Inquiry Card**

## Flat deck mower cuts a well-groomed path

The Land Pride flat deck grooming mower offers superb mowing quality and durability. The mower features high-speed cutting knives and a contour-hugging design.



Floating hitch blocks and a swivelling top link prevent scalping while the combined options of front rollers and two or four gauge wheels keep the deck close to the ground. The tubular chassis absorbs shock loads instead of the deck.

The unit hooks up easily with a clevis hitch and in-and-out hitch blocks allow the mower to be held closer to the tractor.

**Circle No. 191 on Reader Inquiry Card**

## Spreader/top dresser ideal for large applications

Hahn Inc., has introduced a spreader/top dresser attachment for its Multi-Pro 44 utility vehicle. The spreader features a 17 cu.ft. steel hopper and a new drive system utilizing a cog belt instead of chain drive.

The spreader can distribute 600 lbs. of dry sand per minute in a controlled pattern, adjustable from 12 to 20 feet. It will spread fertilizer up to 45 feet. A PTO kit is available to adapt the unit to a tractor's three-point hitch.



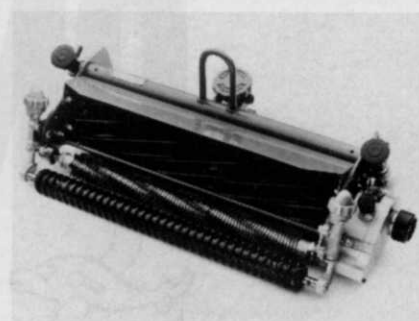
**Circle No. 192 on Reader Inquiry Card**

## Grooming accessory called 'most universal'

The Toro Co. has introduced its new grooming reel for golf courses. A company spokesperson said this new Greensmaster 3000 accessory is the most universal tool available to superintendents and allows more consistency in greens maintenance, truer ball roll and healthier turf.

"Our customers gave us the message that a grooming reel more adaptable to individual needs still was needed within the industry," said Helmut Ullrich, marketing manager for Toro's Commercial Division. "Because our product features the ability to be fine-tuned for every changing condition during the growing season, it is essentially a new management tool."

Toro's exclusive "quick up and quick down" feature allows the reel to be raised or lowered easily without losing the depth setting. The operator quickly can choose when and how to



use the groomer, avoid groomer over-use and undue stress on the grass.

**Circle No. 193 on Reader Inquiry Card**

## Expo attendees get first look at two new mowers

Scag Power Equipment unveiled two additions to its commercial mower line at last month's International Lawn and Garden Expo in Louisville.

One, a 61-inch hydrostatic rider with an 18 hp Kohler engine, features an electric start engine. Both its drive wheels are driven independently for a smooth transition through curves and better traction on hillsides.

Scag also introduced a 72-inch walking mower powered by an 18 hp Kohler engine. This mower features a four-speed gear box for faster ground speed.



**Circle No. 194 on Reader Inquiry Card**

## Man-made rock forms replicate natural settings

The Rock Fabricating Division of Masonry Seal Corp., replicates natural

environments in pneumatically applied man-made rock formations from project design to completion. The company also refurbishes existing rockscapes.

The company offers a program which can include consultation, design, scale models, fabrication and coordination for a complete project. M.S.C. works in conjunction with R.J. Stovicek and Assoc., designers, artists and architects, and Master Builders, which provides engineering and technical knowledge.

Circle No. 195 on Reader Inquiry Card

## Lightweight nine-gang reduces soil compaction

The GR-9 Jerry Clipper nine-gang mower cuts a 20-foot swath but retracts to a transport width of eight feet, three inches. The high-stress steel tube frame is lightweight but strong, reducing compaction while absorbing punishment, its manufacturer says.

Jerry Clipper's PTO allows the operator to select reel speed for each mowing job. The mower's four wheels pivot on 360 degrees so that the mower can turn tightly and even back up.

The GR-9 can mow at speeds up to six miles per hour while being towed by a 20 hp tractor.

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## Tool locates buried pipe, other material

The Locat from Bloch & Co., is a sensing device that locates and traces buried pipe, sewer lines, drain tile and other buried material.

The device weighs only a pound-and-a-half and operates without batteries or earphones. The improved Locat rotates on three bearings when it comes across the threshold of a pipe. It comes with an audio training cassette and written instructions on use.



The Locat is accurate, locating both edges of pipe or other material. It is ideal for locating old irrigation lines and drain tile and will locate any form of material, from metal to PVC.

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## Weed trimmer has telescopic qualities

Tanaka Kogyo USA plays the innovator with the introduction of its telescopic trimmer, the TST-218. The 218's shaft "telescopes" down from 78 inches to a compact 50 inches for convenient transport on a truck or in the trunk of a car.

This 1 hp 11-lb. trimmer has bull-horn handles and a pivotal shaft that can be swivelled 360 degrees independently from the engine and locked into any position for easier edging or hillside cutting.

Circle No. 198 on Reader Inquiry Card

Equipment for the turf care professional.

# Olathe

## Setting the standards for sweepers.



Feel like your grass clippings may be getting ahead of you? Try this model 54HL 5' self-propelled sweeper unit with high lift for large area cleanup. 24hp engine, hydraulic-drive, with optional thatcher, sweeps wet or dry materials using 'sure-grip' rubber fingers.

Olathe personnel have been helping solve leaf/debris problems for over 30 years. Ranging in size from our model 42 (36" wide, 5hp tow-behind) to the large area tow units which are the 166e, the 166hl and the 65 PTO (all with 5' width, 5 cu. yd. capacities). Ground and high lift models.



Model 65 PTO-powered 5' width



Model 166e 5' hydraulic ground dump



Model 166hl 5' width, 81/2' lift



Model 42 tow — type, 1/3 cu. yd. 5 hp, 3' swath, finger or brush reels.



Write or call your local Olathe/Toro dealer for free demo or call 1-800-255-6438.

**OLATHE MANUFACTURING, INC.**  
100 INDUSTRIAL PARKWAY, INDUSTRIAL AIRPORT, KANSAS 66031

800-255-6438  
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