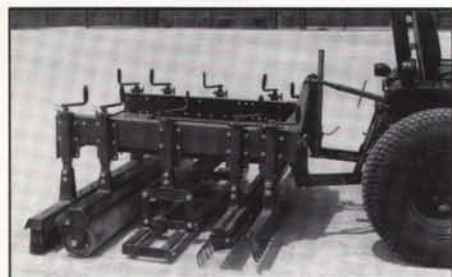


ROOKIES

PRODUCT UPDATE

IMPROVED FIELD GROOMER



The Diamond Master is a more sophisticated version of the Tru Play Ball Diamond Groomer, which incorporates a sturdy, spring-tooth rake, a leveller, roller and brush, and a ripper blade.

The new unit enables the operator to adjust each tool individually through simple screw jacks. No additional tools are needed.

BANNERMAN

Circle 114 on Postage Free Card

ENVIRONMENTAL MONITORING SYSTEM

WeatherNet is a PC-based, real-time environmental monitoring and control system developed in response to the need to measure and understand elements impacting our environment. Through a joining of software, computer hardware, and instrumentation, it offers a totally integrated system with graphic displays, remote datalogging and programmability.

The system is comprised of software for an IBM PC or compatible, a stand-alone computer, and sensors for measuring environmental variables. The computer can either send data back to the PC for real-time display or operate independently, gathering data and making decisions based on data values. Communications between the PC and the computer are in serial format and can operate via direct connection, modem, radio, or satellite uplink.

When real-time data is sent to the PC for display, this software delivers animated, graphic display screens for clear visual presentation of the information. When data is first stored in the computer and sent back to the PC in a history file, it is automatically stored on disk for immediate or future review.

Programming of the computer is simplified by using a pull-down menu system called Programming by Selection. Once created, the PBS program is compressed and downloaded to the computer. PBS programs enable the computer to automatically upload data to the PC, average input readings, turn on output alarms, send strings of data to the PC, and perform hundreds of other automatic functions.

SOLUS SYSTEMS, INC.

Circle 115 on Postage Free Card

MID-SIZE FRONT MOWER

The Grasshopper Model 612 mid-size, zero-turn front mower combines a dual-hydrostatic direct drive system with a Briggs & Stratton 12.5-hp Vanguard engine. True zero-turning radius and outfront, PTO-driven, 44- and 48-inch decks enable the mower to cut hard-to-reach areas.



Low-profile deck design allows the unit to reach under obstacles such as trees, shrubs, and split-rail fences. Torsion action enables the decks to float front-to-rear, independent of the tractor, ensuring a level, high-quality cut in undulating terrain.

Foam-padded, adjustable dual levers, control the mower's speed, steering, braking, and forward/reverse motion. The levers spread for easy mounting and dismounting of the unit.

THE GRASSHOPPER COMPANY

Circle 116 on Postage Free Card

HERBICIDE AND FUNGICIDE

KERB WSP herbicide and FORE fungicide are specialty chemicals made for the turf and ornamental industry. KERB WSP provides use directions for Poa annua con-

trol in bermudagrass, and broadleaf and grassy weed control in woody ornamentals, nursery stock, and Christmas trees.

The FORE fungicide specimen label targets disease control in assorted turfgrasses and ornamental flowers, shrubs, and trees.

The printing on the labels and containers is color-coded, part of a standardized system the company has for packaging different types of turf and ornamental pesticides. Brown is the signal color for the KERB specimen label and package. The FORE label and package are printed in green, and red denotes insecticide labels and packaging.

ROHM AND HAAS

Circle 117 on Postage Free Card

UTILITY VEHICLE

The GT-1 model utility vehicle features the Turf-Torq KT30 transaxle with rugged construction for tough jobs. The "Z" pattern shift and solid rod linkage add positive gear selection of forward, neutral, and reverse. An integral neutral start switch is standard, with optional starter/generator and pedal start available.

The redesigned air intake, with 50 percent larger air cleaner than the previous model, gives added engine protection along with reduced noise and reduced air cleaner maintenance. The heavy-duty eight horsepower engine includes an adjustable carburetor for smoother engine performance. The 14-gauge cargo box can hold up to eight cubic feet of cargo and haul up to



1,000 lbs. Front suspension design includes dual three-leaf springs with coil springs in the rear, and front and rear shock absorbers.

CUSHMAN

Circle 118 on Postage Free Card

ROOKIES

PRODUCT UPDATE

WEED CONTROL PRODUCTS

Monsanto Company has received registrations in two countries for the first weed control products in its new family of herbicide chemistry. The firm received U.S. Environmental Protection Agency regulatory approval to sell Dimension turf herbicide, a new product providing season-long control of crabgrass and other annual weeds in lawns, golf courses, and other professionally maintained turf.

The company has also received Japanese regulatory approval to sell five new herbicides: Dictran, for weed control in turf, and Lazo, Lyton, Kalcorn, and We Hope for weed control in rice production.

The newly registered products are based on dithiopyr, a compound from Monsanto's new pyridine class of chemistry. The pyridines are known for their desirable environmental properties, including low dosage, low toxicity, low soil mobility characteristics, effectiveness, and flexibility.

MONSANTO AGRICULTURAL COMPANY

Circle 119 on Postage Free Card

BACKHOE LOADERS

The 410D and 510D backhoe loaders feature a redesigned operator's station and an electrically controlled clutch disconnect added to the loader lever to improve operator control while truck loading.

The operator's station has been enlarged to provide plenty of room to swing freely from forward driving position to the backhoe operating position.

Cab doors in the dual access arrangement open toward the front of the unit. Both open within the width of the machine, a safety feature welcomed in dense traffic areas.



30 Golf & sportsTURF

The station has been raised three inches for better overall visibility. Full length glass on the cab doors improves the view to the front tires. Panoramic-style windshield wipers cover a wider area for better visibility during inclement weather.

The 410D is powered by a 75 hp (56 kW), 276 cu. in. diesel. An optional turbo-charger boosts the power rating to 85 hp (63.5 kW). The 510D, with standard turbo-charger, has a 90 hp (67 kW) diesel. Both engines are by John Deere.

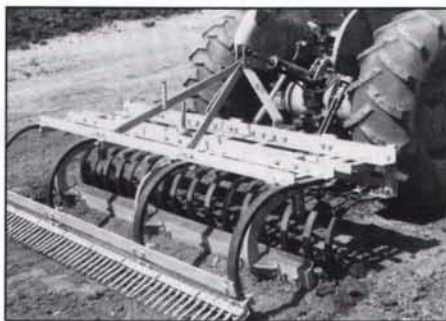
A fully synchronized four-speed collar-shift transmission permits shifting on the go. Both backhoes can be equipped with a new electrically controlled mechanical front-wheel-drive option for improved tractive performance.

The loader lift capacity for the 410D has been increased to 6,700 lbs. and the 510D now has a 6,850-lb. loader lift capacity to full height.

DEERE & COMPANY

Circle 120 on Postage Free Card

LANDSCAPE RAKE AND GRADING TOOL



The Unique landscape rake and grading tool is suitable for all types of landscape grading. It is used extensively in golf course construction, and in the construction and maintenance of ball fields.

It has a very heavy frame for durability, and double spring teeth in front spaced every six inches for more digging ability.

An adjustable grading blade in the middle adds capacity to move dirt. There are four one-inch-thick springs on the back for positive rake action. The gear blade and shovels are reversible for longer life.

TMI

Circle 121 on Postage Free Card

CONTROLLER ASSEMBLY



The Hydro-Safe Controller Assembly is a complete vandal and corrosion resistant system for irrigation equipment. It comes with prewired options such as a master relay suitable for two controllers, a pump start relay and a bypass assembly for moisture sensing, rain check devices, radio remote control, and other specially requested features.

The assembly is made from 14-gauge #304 stainless steel. It has a unique safety latch, special louvers, concealed hinges, and slope top design.

HYDRO-SCAPE PRODUCTS, INC.

Circle 122 on Postage Free Card

RECYCLING SYSTEM

The Water Maze Delta 1000 is a closed-loop system that treats and recycles the dirty washwater from pressure washers and steam cleaners.

The system can clean grease, oil, and other contaminants from water so that it can be safely discharged into the sewer or recycled for reuse in the pressure washer.

The Delta 1000 removes oils and most solids from the washwater, which passes over more than 475 square feet of oil-coalescing surface. A sludge pit collects solids for easy removal.

This unit also has several filtering systems which filter hydrocarbons, dirt, and other contaminants from five to 20 microns. An ozone generator oxidizes bacteria and metals from the water so that it is suitable for reuse or discharge.

The system can fit onto a trailer for mobile operation. It cleans up to 10 gallons per minute, weighs 2,250 lbs., and measures 96 inches long by 60 inches wide by 44 inches high.

LANDA, INC.

Circle 123 on Postage Free Card

ROOKIES

PRODUCT UPDATE

EROSION CONTROL BLANKET

Quickgrass is a dyed green wood excelsior erosion control blanket. Constructed from 100 percent Aspen curled wood fibers with a green photodegradable netting applied to one side, the product prevents



erosion, assists in germination and protects seedlings.

When the blanket gets wet it expands, "clinging" to the soil. It also becomes twice as thick, adding more protection during heavy rain. Available in 180-foot long rolls, the blanket measures 48 feet wide. One roll will cover approximately 80 square yards and weighs about 80 pounds.

AMERICAN EXCELSIOR COMPANY
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HOVERING MOWER



The Flymo Commercial mower has been designed for the tough demands of the golf course and professional turf management application.

Powered by a JLO 98 cc, two-stroke engine that produces 4200 RPM for better handling and cut, the mower is also rebuildable and engineered to provide extended service life in the rugged conditions found in commercial applications.

Designed for areas where wheeled equipment can't be used, the hovering mower is now a standard tool for the golf course or turf management professional required to groom turf in awkward locations such as lake banks, sand bunkers, or slopes. A cutting assembly utilizes a triangular cutting material that provides a slicing action to prevent the browning effect.

PRECISION SMALL ENGINE CO.
Circle 107 on Postage Free Card

ROOKIES

PRODUCT UPDATE

RIDING MOWERS



The maneuverability of the T-3100 three-wheel riding mowers increases productivity without the investment of a tractor.

Model T-3102 is powered by a Kohler Magnum 20 hp engine. The single-foot pedal control of the hydrostatic drive provides variable speeds, both forward and reverse, without shifting and clutching.

The 61-inch rotary cutting deck cuts 28 acres of turf during an eight-hour day. The 5-1/2-inch deck offset feature allows for easier trimming. The 48-inch deck has been introduced for trimming in tight or heavily landscaped areas. The semi-floating, out-front deck delivers smooth cutting over uneven terrain.

The T-3100 series also features an optional 4.7-bushel grass collection system for clean, efficient collection of clippings.

RANSOMES, INC.

Circle 109 on Postage Free Card

PICNIC TABLES

Landscape Structures' picnic tables have a TenderTuff coating. The resilient, UV-resistant coating makes the perforated-steel picnic table more "user friendly" in hot or cool weather.



The six-foot tables come in several styles for portable or permanent installation. Tabletops and seats of 11-gauge perforated steel eliminate puddling and have no raised

surfaces which can cause spills. Corners are rolled for safety and comfort, and the frames are made of galvanized steel tubing with a brown polyester coating.

LANDSCAPE STRUCTURES, INC.

Circle 110 on Postage Free Card

AERATION DEVICES

The Model FB Series of Ceramic Dome Diffusers are efficient aeration devices for use in main aeration and post aeration basins.

The small bubble produced by ceramic diffusers provides a high ratio of air/water

interface per CFM of air supplied. This ratio, coupled with an increase in contact time, due to the slower rise rate of the fine bubbles, accounts for the high oxygen transfer efficiency, which is as high as 50 percent.

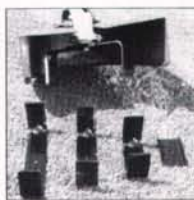
The diffusers are constructed of corrosion-resistant materials and designed for problem-free operation. The diffuser dome, manufactured of a porous aluminum oxide ceramic, provides uniform permeability for bubble formation as well as strength and resistance to wear.

POLLUTION CONTROL, INC.

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August, 1991 33

ROOKIES

PRODUCT UPDATE

GRANULAR SPREADER

The AccuSpread granular material spreader accurately spreads sand, salt, calcium chloride, topdressing, and more. It features for year-round use and was originally developed for ice control.

The machine fits on the front loader of a tractor, or skid-steer, or mounts on a rear three-point hitch. It is a one-person operation and can be tilted for self loading from a bulk supply of material.

The machines are manufactured in two models, one for drop spreading only (espe-

cially designed for ice control on sidewalks in winter and topdressing for turf management in summer), and one for drop or broadcast spreading.

VOSS PRODUCTS, LTD.
Circle 135 on Postage Free Card

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