

PRODUCTS

The 27-horsepower diesel-powered Turf Blazer 727 has a 72-inch cutting head located in an out front offset deck. From Howard Price Turf Equipment,



the Turf Blazer 727 has a pedal-controlled hydrostatic transmission that provides speed variation from 0-10 mph forward and 0-5 mph reverse. It can mow 3.7 acres per hour.

Circle No. 152 on Reader Inquiry Card

Pickseed West, which has the marketing rights to Agram chewings fescue, is now marketing this seed. It has excellent turf quality and medium dark green color, and is rated above average for disease resistance. Agram will fit well in lawn shade mixtures and in any mixture which requires a low maintenance turf grass.

The company has also begun marketing Exeter colonial bentgrass again. It has been regarded as a low maintenance turf with medium dark green color, very fine leaf blade, and can thrive at low cutting heights. It adapts to a wide range of soil types and requires little maintenance.

Circle No. 151 on Reader Inquiry Card

A gear-driven rear mount lawn mower, the RM 500 from Woods, Div. of Hesston Corp., comes with three blades and blade spindles with lubricated tapered roller bearings for long, maintenance-free operation. It also features a cast, heavy-duty gear box for rugged rotary mower use. Gears are



forged steel and heat treated.

Three high speed, alloy spring steel blades will cut a 5-foot swath and lift grass for clean even cutting. Free-floating hitch suspension allows the mower to follow uneven terrain, preventing scalping.

Circle No. 152 on Reader Inquiry Card

Square conformation light standard built of weathered steel combines strength and attractiveness for use in parks, golf courses, and along boulevards. Its straight shaft and mastarm mounted at a 90 degree angle accommodate many models of luminaires.

Continues on page 62



INTERNATIONAL SOCIETY OF ARBORICULTURE

(formerly International Shade Tree Conference)

FIFTY-SEVENTH ANNUAL CONFERENCE

Boyne Mountain Lodge, Boyne Falls, Michigan

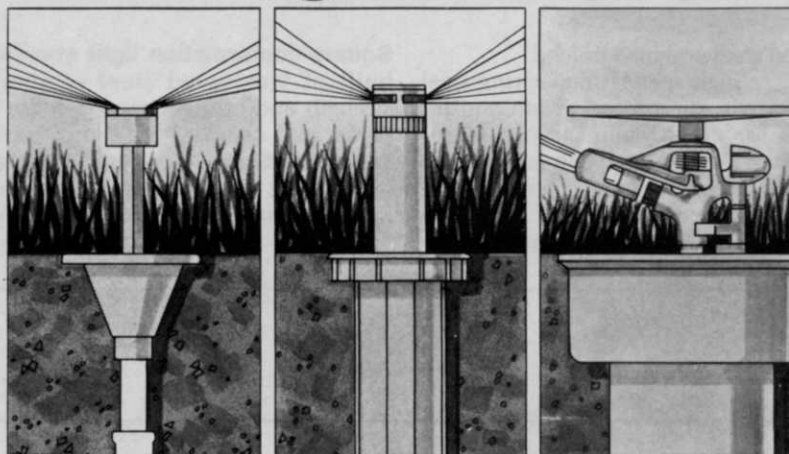
August 9-12, 1981



EXHIBITION AND DEMONSTRATION OF
TREE PRESERVATION EQUIPMENT
TOOLS and MATERIALS

Address communications to E.C. Bundy, Executive Director
International Society of Arboriculture
P.O. Box 71, Urbana, Illinois 61801
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From residential to light commercial turf installations, Champion has a pop-up to do the job! When you compare the cost, precision construction and performance, you'll buy Champion. The 18HP (2" pop-up), the P180 (2½" pop-up) and the 6178 Impulse pop-up are just three of over one-hundred fifty sprinklers,

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Circle No. 110 on Reader Inquiry Card

Products from page 61



Called the Futura by Millerbernd Manufacturing Co., the light standard has a pleasing dark finish which never needs painting and "heals itself" when scratched.

A tapered base flows into the shaft with no projections or crevices to catch dirt, salt, or moisture. All mounting bolts and nuts are enclosed to improve the appearance and discourage vandalism.

Circle No. 153 on Reader Inquiry Card

SUPER SEEDER

- Hydraulic mixing giving proper suspension of materials
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Electric start engines



950 gal.



1500 gal. goose neck, also available in skid model.

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412 113th Street / Arlington, Texas 76011 / 817-640-1488

Circle No. 140 on Reader Inquiry Card

Riding greens mower, the new Greens King IV by Jacobsen, can backlap reels and bedknives in place when its dual rotation hydraulic motor is shifted into reverse. Each of the three reel units op-



erates on individual control. Vehicle control has been improved and fuel tank capacity is now eight gallons. Other features of the 14-hp mower are a repositioned steering wheel and operator seat, maneuverable rear wheel steering, cutting units that follow ground contours, a differential acting hydraulic drive, and wide pneumatic tires that eliminate tire marks on turf.

Circle No. 154 on Reader Inquiry Card

Soil moisturizer Terra-Sorb cuts watering frequency up to 50 percent; shortens transplant recovery; encourages root systems to develop faster; and turns inventories quickly. Each tiny "sponge" of the material absorbs 200 times its weight in water, releasing it on demand to root systems. Industrial Services International, Inc. makes Terra-Sorb for use in many nursery and landscape jobs.

Circle No. 155 on Reader Inquiry Card

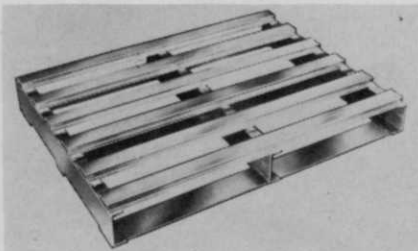
Plant caddy offered by the Phillips Products Co. allows large houseplants to be moved easily from one location to another for sunlight, cleaning, or decorating.



The plant caddy has full size casters which provide free mobility, and is made of durable contoured plastic. It comes in three sizes—12 inch, 14 inch and 16 inch and is available in clear, white, or hot fudge.

Circle No. 156 on Reader Inquiry Card

Copperloy aluminum pallets resist copper corrosion and will not rot, warp or absorb fluids and odors. Solid, all-welded construction ends problems of bolts,

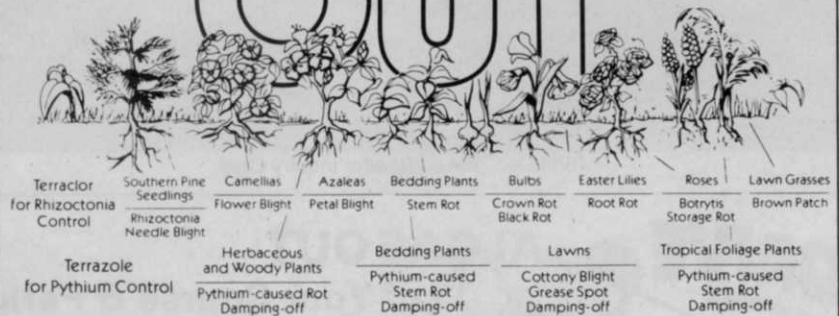


screws, and nails which could come loose. Copperloy Corp. makes them in standard capacities to 3,000 pounds; others available on request.

Circle No. 157 on Reader Inquiry Card

Continues on page 64

AW, CUT IT OUT



For more information on how to cut out fungal diseases in turf and ornamentals.

Your turf and ornamentals need moisture to survive. However, wet weather brings out the worst in your soil. Fungal diseases like damping-off, blight and rot. Diseases that can stunt or weaken your plants.

Terraclor® and Terrazole® soil fungicides protect the value and beauty of your turf and ornamentals. Give your healthier, stronger plants, that are more beautiful.

Get Terraclor or Terrazole from your local chemical supplier.

For more information cut out and mail the coupon.

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Name _____

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Please send information on turf and ornamental disease control.

Caution: Read and follow label directions carefully.

Terraclor is also registered for the control of snow mold in turf grasses in the states of Illinois, Indiana, Michigan and Minnesota.

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Circle No. 104 on Reader Inquiry Card

Products from page 63

Skid steer loader model 9C from Hydra-Mac is equipped with a 25-horsepower gasoline engine and can handle loads of 900 pounds. The 9C



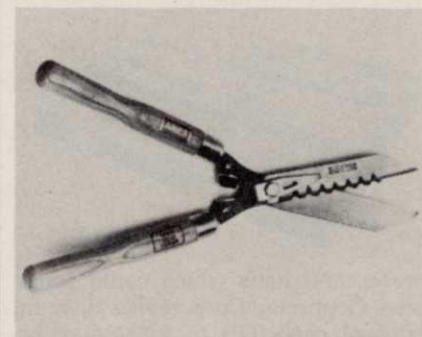
features dual hydra lever controls, fully hydrostatic all-gear final drive, front protector gates and heavy-duty plate steel frame. The 9C also has an extra wide canopy for operator comfort while maintaining the machine's compact size.

Circle No. 158 on Reader Inquiry Card

High-pressure pumps, the belt-driven Models 5340BD/5341BD, come from Hypro Division of Lear Siegler. The pumps are useful for high-pressure cleaning and also help where pressure is needed for long discharge lines. Pump components include a pressure-tested cast iron housing, stainless steel shaft with heavy-duty ball bearings, and plunger-type stainless steel piston assemblies. These units mount directly on the tractor PTO shaft. The PTO speed is positively accelerated to the pump through double ball-bearing-supported pulley shafts and two matched polyflex belts.

Circle No. 159 on Reader Inquiry Card

A hedge shear, No. 23-016, has been added to the Ames line of tools. The Miracle blade features forged bevels,



hand-ground serrations, precision-honed cutting edges, and hollow-ground steel.

Circle No. 160 on Reader Inquiry Card

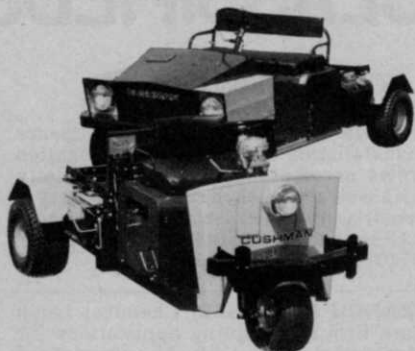
We put a lot into our Turf-Truckster.

One of the most dependable vehicles for moving your crew around is the 3- or 4-wheel Cushman® Turf-Truckster.® But it was also designed for more than just transportation.

Equipped with an optional PTO and hydraulic system, both models accept a wide range of special, add-on turf maintenance equipment. So with just one Turf-Truckster you can haul, dump, grade, seed, spray, spread, top dress, and aerate. Plus, we've increased the payload capacity of the Turf-Truckster to 1,500 pounds.* So you can carry more than ever before.

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The 3-wheel model gives you the maneuverability of a tight 17' turning circle, while the 4-wheeler has seating



room for two. And it just takes minutes to add any of the Turf-Truckster's accessory pieces, thanks to Cushman's pin-disconnect system. No bolting, no hitching. Just snap two or three pull pins in place and you're ready to hit the turf.

If a good transportation/hauling vehicle is all you need, though, look at the Cushman Runabouts. There's an 18-hp two-seater, and a fuel-stingy 12-hp one-seater model. Both Runabouts are economical to own. And like any Cushman vehicle, they're built tough.

There's nothing like a Turf-Truckster or Runabout to get more work done, in less time and with less manpower. For a closer look at what goes into, or behind, a Cushman vehicle, return this coupon today.

81-CUT-4

*Rating for vehicle equipped with 9.50-8 rear tires.

Show me what you put into a vehicle, Cushman.

I'd like a demonstration of the Turf-Truckster (3-wheel or 4-wheel). (Circle One)

I'd like a demonstration of the Runabout (12-hp or 18-hp). (Circle One)

I'm interested in seeing these Turf-Truckster attachments: Aerator; Sprayer; Top Dresser; Grader/Scarifier; Flatbed/Dump Box; Cyclone Seeder/Spreader.

Send me your new 1981 catalog.

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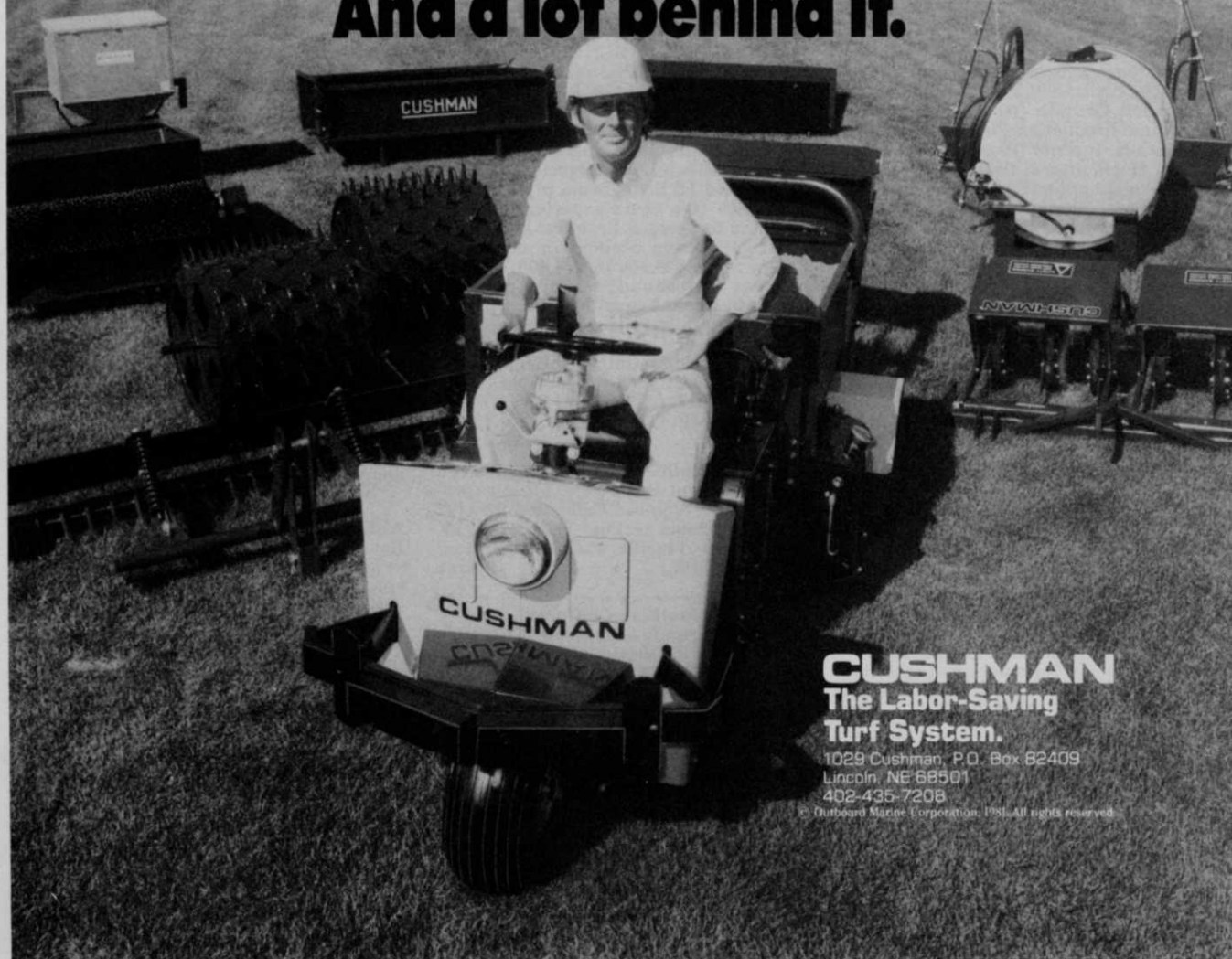
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BOX NUMBER REPLIES: Mail Box number replies to: WEEDS, TREES & TURF, Classified Ad Department, 120 W. 2nd St., Duluth, MN 55802. Please include box number in address.

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WANTED: Firewood Distributors for energy conservations company. Inventory investment range — \$2000 to \$10,000 — depending on location. Serious replies to: HOME FIREWOOD, P.O. Box 141 Sta. B., Hamilton, Ontario L8L 7O7 Canada. 6/81

Instructor/Assistant Professor of Applied Plant Science to begin September 1, 1981. To teach such horticultural courses as Controlled Growth Structures, Spring Transplant Production, Floricultural Crop Production, Interior Plants and Plants capping, Horticultural Practices, Applied Entomology, Applied Soil Technology, and Horticultural Therapy. Assist in arranging summer work experience for students, assist in horticultural facilities operations, and willing to participate in possible part-time instruction during summer term. Qualifications: Masters degree in plant science with a strong leaning toward practical applications: Should have at least three years of commercial or other field experience in plant science, preferably in greenhouse production/management. Contact by June 15, 1981 Dr. L. Roberts, Jr., Director Thompson School of Applied Science, Barton Hall, University of New Hampshire, Durham, N.H. 03824. The University is an Affirmative Action/Equal Opportunity Employer. 6/81

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Lead Research Scientist — Southern California. Plans, supervises and conducts professional scientific studies for Hydrilla Verticillata Eradication Program. Ph.D., MA, or MS in Plant Physiology, Botany, Weed Science or Agronomy, with studies in areas of Aquatic Weed Control. Contact Imperial Irrigation District, Personnel Dept., P.O. Box 937, Imperial, CA 92251. Telephone (714) 355-1112, Ext. 250. An Equal Opportunity Employer. 6/81

INSTRUCTOR — SCHOOL OF GOLF COURSE OPERATIONS. LAKE CITY COMMUNITY COLLEGE, located in the pine forest of North Florida, is searching for an individual to teach courses in irrigation and drainage, turfgrass science, soils and other related subjects. Minimum requirement: B.S. degree in plant science field with two years experience in golf course maintenance. Practical knowledge of irrigation and drainage is necessary. Salary range \$16,500 to \$24,900, depending upon degrees and years of experience. Date to be filled: August 1981. Send inquiries directly to Jerry H. Cheesman, Director; School of Golf Course Operations, Lake City Community College; Rt. 7, Box 42; Lake City, FL 32055. AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER. 7/81

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Biologist — Southern California. Assists in conducting professional scientific studies for Hydrilla Verticillata Eradication Program. Ph.D., MA or MS in Plant Physiology, Botany, Weed Science or Agronomy, with studies in areas of Aquatic Weed Control. Contact Imperial Irrigation District, Personnel Dept., P.O. Box 937, Imperial, CA 92251. Telephone (714) 355-1112, Ext. 250. An Equal Opportunity Employer. 6/81

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TREE PROBLEMS—Botanical, legal and appraisals. For directory of members of American Society Consulting Arborists in U.S. and Canada, write: Executive Director ASCA, 12 Lakeview Avenue, Milltown, N.J. 08850. (201) 821-8948. 6/81

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Ver Meer T218 & 20 used two years on a one man project only. Carl Simmons, 505 Plain St., Minerva, OH 44657. (216) 868-6122. 6/81

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HI-RANGERS AERIAL BASKETS 65', 57', and 53'. Skyworkers aerial baskets 65', 50', 40'. Vermeer stump cutter 1560, 6. Vermeer tree spade 66, TS 44. Asplundh bucket and brush chippers. Bean sprayer, 9 ton trailer. Parkway Tree Service, 12026 W. Cherry, Wauwatosa, Wisc. 53226. (414) 257-1555. TF

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Continues on page 68

New Trailblazer™ cleans up to 7¼ acres per hour

Sweeps turf/hard surfaces

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Pressure-packs debris to maximize hopper capacity.

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Optional cab enclosure and pressurizer for optimum operator comfort. Vacuum wand/blower available for cleaning along parking curbs, fences and other areas that might ordinarily require a separate specialized machine. Choice of gas or diesel engine. For a free, colorful brochure, write: Tennant Company, 701 N. Lilac Dr., P.O. Box 1452, Minneapolis, MN 55440.



Dumps from ground level to 6 ft.—directly into containers, dump trucks.



Call Toll Free: 800-328-5727 Ext. 768G

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STUMP CUTTER, Vermeer Model 10, new engine, excellent condition, \$6,250. (501) 847-3003. 6/81

For sale 1969 Wayne chipper, low hours, excellent condition, 318 Dodge Engine, original equipment \$8,000, see to appreciate. AAA Tree Care Service, Inc., 10627 Creek View Drive, Austin, Texas, 78748 phone (512) 443-7119. 6/81

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FOR SALE: 2-1979 Chevy Series 30 ¾-ton vans fully equipped with 200 gallon John Bean sprayers with 10 gallon per minute pumps, 400 feet of ½ inch supplex hose, and electric hose reels. Automatic transmissions, eight cylinder engines. Both vehicles under 11,000 actual miles - Guaranteed one year - Mechling Enterprises, Inc., 4041 Merriweather, Toledo, Ohio 43623. 1-419-882-8301. 6/81

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For Sale — Tree Service, Mid-Hudson Valley, New York State. Bucket, chipper, sprayer, dump truck, accounts, other accessory tools. Established over 35 years. \$50,000. Write WTT Box 269. 6/81

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WANTED

Vermeer T-66 Lawns By Murphy, 2715 N.W. 69th, Oklahoma City, Oklahoma 73116 (405) 842-7177. 6/81

WANTED: A complete set of issues of Weeds, Trees and Turf for the years 1977, 1978, 1979. CONTACT: M.R. Gardner, Suite 15, 1600 West 6th Avenue, Vancouver, B.C., Canada, V6J 1R3. 6/81

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This index is furnished for the readers' convenience. However, the publisher can not guarantee its accuracy due to circumstances beyond our control.

WE MADE OUR SPINDLE UNSPINDLY.

TO KEEP YOU CUTTING.

Toro works hard to give you the kind of riding rotary mower you want most.

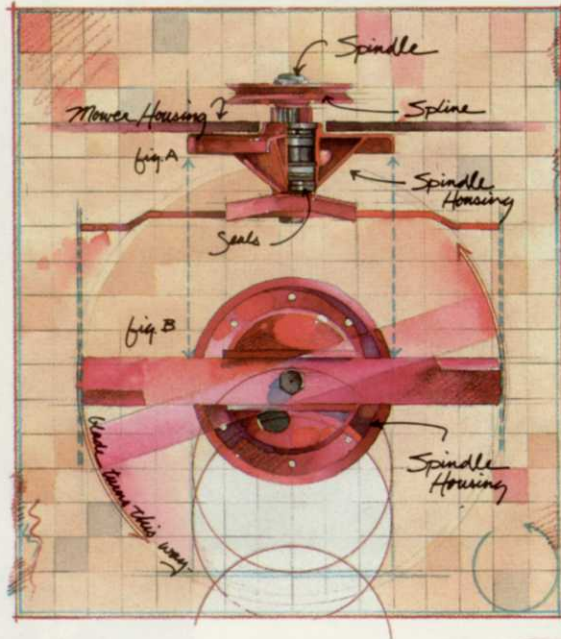
A mower that keeps you cutting. Gets the job done.

In fact, we get down to the tiniest details to produce a totally durable mower.

For example, we designed an unspindly spindle to turn the blades of our Groundsmaster 72® and Groundsmaster 52® mowers.

First, we made its housing a rugged cone shape, not cylindrical like other makes. To tolerate greater stress and bombardment by rocks and other debris.

Next, we specified Timken "SS type" roller bearings, not just ordinary ball bearings. They take more thrust and are less



rather than keys in the shaft and pulley. These machined grooves mesh like gear teeth all around, won't slip, and they wear much better and longer than key type systems.

Teamed up with more conspicuous durability features like hydrostatic drive and a Donaldson air cleaner, our unspindly spindle keeps you cutting longer and stronger.

Call your Toro® distributor. He'll tell you all you want to know about Toro riding rotary mowers.

Right now.

likely to damage the bearing housing, fall out and have to be replaced. And they don't need adjustment for proper seating.

Then, we put splines



TORO®

THE PROFESSIONALS THAT KEEP YOU CUTTING

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