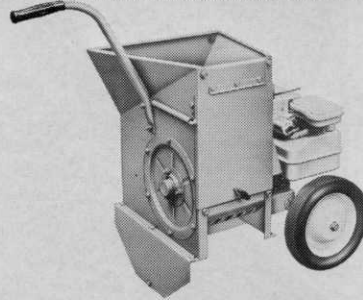
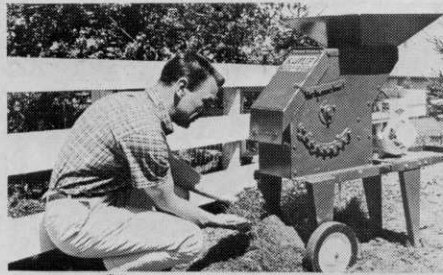




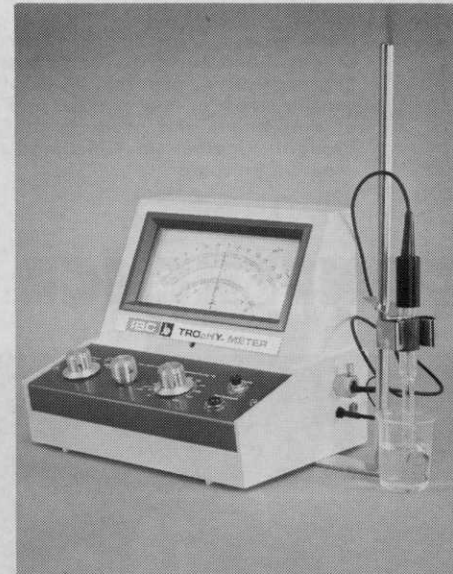
**NEW .315" PITCH SAW CHAIN, Sabre Saw Chain, Lewiston, N.Y.**

A new smaller-pitch chain is said to improve the performance and safety of popular lightweight chain saws. The special .315" pitch chain replaces the  $\frac{3}{8}$ " and .354" chains used on Homelite EZ and XL, McCulloch Mac 10 Series, and Remington PL-5, PL55, SL-11 and other lightweight chain saws. The .315 has 13% more cutters than the  $\frac{3}{8}$ ", has more drive links and accepts and retains more lubrication. The chain runs smoother and at a lower temperature. Sabre .315" is a coined cutter Pro-Chain available in both .050 and .058 gauge. It carries the usual Sabre no-time-limit guarantee on workmanship and materials. For more details, circle (701) on the reply card.



**COMPOSTERS, Gilson Brothers Company, Plymouth, Wis.**

Gilson offers two distinct types of shredder-grinders for 1971 — for composting or just lawn and garden waste disposal. Three models feature a grating of square bars, for superior performance with fine grinding action for fine textured compost. The compact new mulcher and grinder models are easily stored, have semi-pneumatic tire wheels for easy transport, and an idler clutch for easy starting and extra convenience. A flywheel-type pulley on the tine shaft helps turn bulky leaves, clippings and prunings into valuable fertilizing mulch. All models have Briggs & Stratton engines in 3, 5, and 6 hp sizes. For more details, circle (702) on the reply card.



**pH METER, INTERNATIONAL BIOPHYSICS CORPORATION, Irvine, Calif.**

The TROPHY pH meter is a battery powered, direct-reading instrument for precise pH determinations. Stated features include: true portability, weighing about 4 lbs.; only battery-powered meter to offer recorder output; lowest price unit to offer expanded scale, permitting accuracy to two decimal places; linear IC circuitry provides immediate response with absolutely no time-consuming standby requirement necessary; amplifier is linear over the entire range of the instrument. For more details, circle (703) on the reply card.



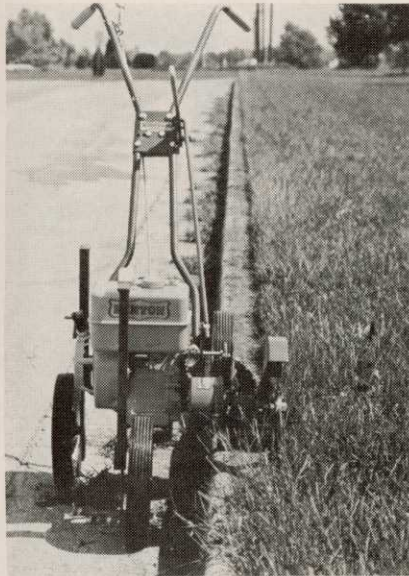
**LOW PROFILE HYDRO-MULCHER, Bowie Industries, Bowie, Tex.**

Features of the new Bowie Hydro-Mulchers include a lower profile, new power plant, better agitation and controlled spraying from both central tower or by hose extension. Models range from 500 gallons to 1,000 gallons and up. The Bowie Hydro-Mulcher is ideal for economically establishing turf or seed beds anywhere — or other planting where environmental control is important, such as reforestation, agriculture, parks, roadsides, golf courses, erosion control, and land reclamation projects. For more details, circle (707) on the reply card.



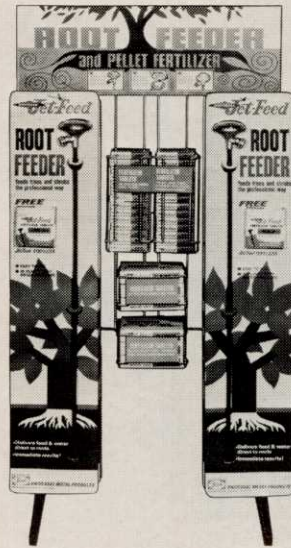
**GOLF COURSE SPRAY ATTACHMENT, John Bean Div., FMC Corporation, Lansing, Mich.**

A new Rotocast air spraying attachment increases the versatility of present golf course sprayers. Greens can be sprayed without going onto the turf with your vehicle, and leaves can be removed prior to dispensing spray. The Rotocast attachment can be used to control weeds and brush, control mosquitoes and flies, spray shrubs and small trees and control fungi. It can be used to disinfect locker rooms and buildings. The Rotocast handles herbicides, pesticides, fertilizers and seeds equally well. For more details, circle (708) on the reply card.



**HEAVY-DUTY COMMERCIAL EDGER-TRIMMER, Bunton Co., Louisville, Ky.**

Especially designed for professional edging and trimming. Adjustable lever at operator's finger-tips allows for deeper edging around flower beds, along curbs, sidewalks and concrete drives. Five quick-change positions for vertical or angle edging, to horizontal trimming (10" width) around trees, walls, buildings and shrubs. Three heavy-duty, 10-inch ball-bearing wheels, with front and rear wheels specially adjustable (up or down) for edging curbs up to 12 inches in height. 3 hp Briggs & Stratton engine with three-quart fuel tank. For more details, circle (704) on the reply card.



**ROOT FEEDER PACKAGE, Universal Metals, Coopersville, Mich.**

Universal Metal Products introduces this new 2 in 1 merchandiser for its Jet Feed line of root feeders and pellet fertilizers. Now both root feeders and pellet fertilizers are dispensed from the same merchandiser. Color graphics explain the correct use of the feeder and how to select the proper formula for the type of plant to be fertilized. The new merchandiser as well as Universal's complete line of sprayers, dusters and allied products are described in a new catalog, U-71, available free by circling (705) on the reply card.



**TRACTOR FOGGER, Village Blacksmith, Watertown, Wis.**

The "Big Job" Blitz Fogger Model 400 tractor fogger attaches easily to any four-cycle lawn and garden tractor, excellent for use where large fogging coverage is desired—estates, golf courses, industrial grounds, parks. Features pressurized insecticide tanks, visual fuel gauge, all fittings. Approved as accessory equipment by more than 10 brand name tractor manufacturers. For more details, circle (706) on the reply card.



**ELECTRIC POWERED APPLICATOR, Root-Lowell Corporation, Lowell, Mich.**

The electrically powered chemical applicator R-L Atomite Duster/Spreader is said to dispense a controlled dust or granule more than 50 feet in dust and 25 feet in granules. Power is a heavy duty 115-volt AC/DC motor developing 20,000 rpm. A shatter and chemical resistant polyethylene container holds up to 10 lbs. average density dust or 8 lbs. granulated materials. The three-wire electric cord is 20 ft. Can operate from auxiliary DC generator with capacity of 1,000 watts or more. For details, circle (709) on reply card.



**CAST IRON FITTING FOR PVC PIPE, Independent Fitting Co., Portland, Ore.**

A completely new rubber ring sealed joint fitting that eliminates the need for solvent welding has been announced. TIF-TEC (thermal expansion-contraction) line is a new cast iron fitting for PVC and standard steel pipe is made to close diametrical tolerances, has full class D wall thickness and is initially available in 4", 6", and 8" sizes. Also accommodates standard steel pipe with IPS dimensions. Withstands up to 3 1/4" of longitudinal contraction when sun-heated pipe is installed and cold water introduced. For more details, circle (710) on the reply card.



**New Products**



**AKLEY**

## INDUSTRIAL TREE PRUNERS

*The Tree Trimming Champ*

FIRST CHOICE OF ...  
**PUBLIC UTILITIES | HIGHWAY DEPARTMENTS | FORESTERS**  
**PARK MAINTENANCE CREWS | FARMERS**

GIVES YOU ...

- BIG CAPACITY CUTTING POWER ... LONG ... LONG RE-REACH
- FULL POWER BOTH CUT AND RETRACT ... NO JAMMING ... NO HANG-UP
- LIGHTWEIGHT FOR LESS OPERATOR FATIGUE
- TIGHT ... BUILT TO TAKE REAL PUNISHMENT
- SAFE ... HIGH DIELECTRIC IMPACT RESISTANCE HANDLE

There's an industrial tree pruner that can be used safely even around high voltage power lines. The epoxy resin handle encases protection for protection throughout its length for use of the operator. The pruner can be operated off your existing hydraulic system supply, down or closed center, rear option. Proved Akley Hydraulic Power Unit is dependable, rugged, built around modern tree cutting conditions. Fully patented exclusive design.

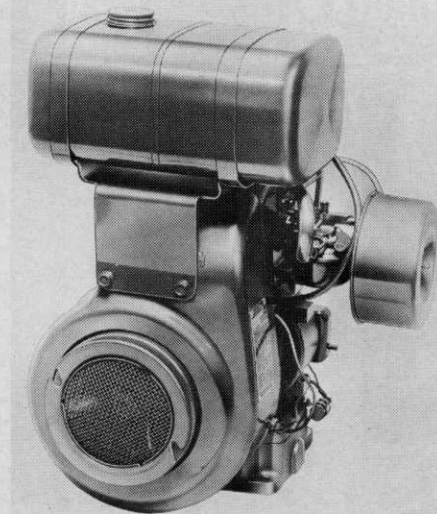
- TWO INCH PLUS CUT ... will handle you almost any limiting cut
- LIGHTWEIGHT ... total weight only about 35 pounds, easy to the operator and job
- INSULATED HANDLE ... gives the fastest hydraulic fluid
- HYDRAULIC ... from center or closed center modes available, no extra cost
- PORTABLE ... runs off your existing hydraulic system supply 100 to 3000 psi, 10-20 gpm
- ALUMINUM HANDLE ... also available with aluminum handle or aluminum to Easy Reach handle

**SPECIFICATIONS**  
 Pruner, heavy duty industrial Model 25 HA (aluminum handle) 25 HAE (heavy duty handle)  
 length 88"  
 weight 35 lbs.  
 cutting capacity 2" plus  
 GPM 10 to 20  
 Operating pressure 2,000 psi maximum

AKLEY MANUFACTURING CO.  
 13770 S.E. Amber Road  
 Clackamas, Oregon 97015  
 Phone 503/865-8400

**TREE PRUNER BULLETIN, Akley Mfg. Co., Clackamas, Ore.**

Industrial Tree Pruner sales bulletin No. 25 gives details on all models of this big-capacity cutter used in clearing right-of-way, for tree thinning, and similar jobs. Handle length options and materials available as well as hydraulic pressure required plus gallonage of hydraulic fluid needed for full power stroke on cut and retract are included. For a copy, circle (711) on the reply card.



**ENGINES, Kohler Co., Kohler, Wis.**

New and standard on Kohler 6 1/4 hp, 7 hp, and 8 hp engines is a larger, top-mounted fuel tank of 1 1/2 gals. capacity and a heavy duty tank mounting designed for the most punishing applications. A side-mount tank with fuel pump is optional. New also on all three engines — for both battery ignition and breakerless ignition engines — is a 15-amp alternator system, which replaces a former 10-amp system. The three engines, Models K141 (6 1/4 hp), K161 (7 hp), and K181 (8 hp) are a family of interchangeable engines, alike in appearance and dimensions. All three are air-cooled, cast iron engines of large bore and short stroke design. For more details, circle (712) on the reply card.



For On-Job, In-Shop Protection of Tools and Materials

**KNAACK**

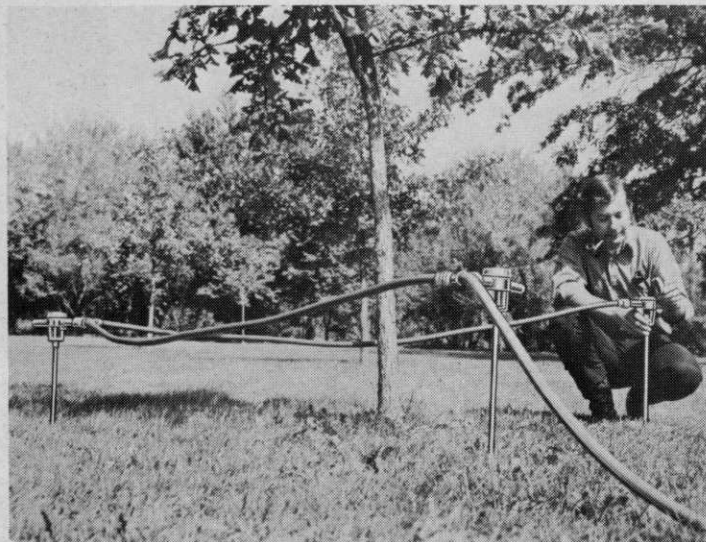
JULY 1970

## HEAVY DUTY STEEL/TIGHT CHESTS AND BENCHES

MANUFACTURED BY

**REVISED CATALOG, Knaack Mfg. Co., Crystal Lake, Ill.**

Knaack Manufacturing Co. has announced a new and completely revised catalog for its line of steel tool and equipment chests; mobile and stationary work benches and accessories. The new catalog illustrates recent product additions to the Knaack line, as well as several significant changes. Copies are available by circling (713) on the reply card.



**MULTI-FEED SYSTEM, Ross Daniels, Inc., West Des Moines, Ia.**

New for 1971 is the Ross Multi-Feed System, primarily for the professional groundskeeper — the landscaper, parks and industrial buildings — all people who desire best results and still are aware that saving labor saves money. The Heavy-Duty Ross Root Feeder units can be ganged in series of three or more and operated from one water line. The Multi-Feed Kit contains three feeders, two sections of heavy duty hose and two necessary siamese fittings. For more details, circle (717) on the reply card.



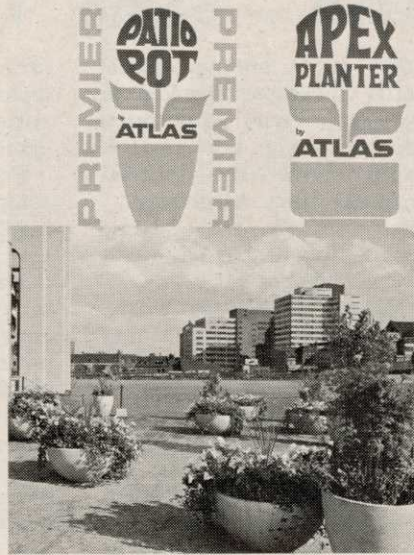
**PORTA-SPAN, Standard Manufacturing Co., Cedar Falls, Ia.**

A new type of a portable bridge called the Porta-Span® has been announced by Standard Mfg. The new model features redwood-stained wooden hand railings, matching the bridge. Porta-Span® is a portable bridge for use over creeks, streams and ditches, on golf courses and in parks. Sizes vary from eight to 20 ft. long, three or five feet wide. The new hand railing is optional as is a steel and post railing. For more details, circle (718) on the reply card.



**THREE-WAY TURF MACHINE, Kin-Co., St. Paul, Minn.**

John B. Kinkead, president of Kin-Co, has announced the purchase of the Henderson line of Turf Equipment from Henderson Manufacturing. The equipment will continue to carry the Henderson name. The Henderson Contour GPM (above) mows, power rakes, or slices . . . converts from mowing to raking to slicing merely by changing cutter units, held in place by four easy-to-reach screws. Mower blades can be file-sharpened; slicing and raking blades do not need sharpening. Machine is available with 3 or 4 hp, 4-cycle engine. For more details, circle (714) on the reply card.



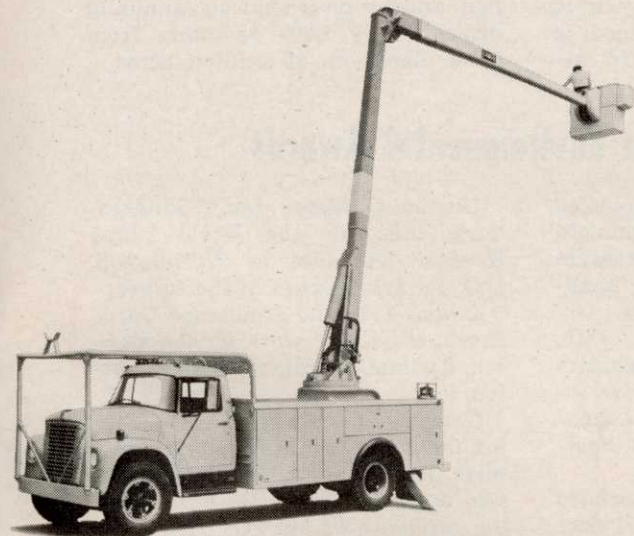
**POTS AND PLANTERS, Atlas Asbestos Co., Montreal, Quebec**

Two separate lines of asbestos-cement pots and planters and garden furniture have been announced. Classically designed Premier Patio Pots include 21 sizes and styles of cone, dish, tub, and vase shaped rimmed pots used primarily by homeowners, gardeners and interior decorators. Apex Planters are frequently specified by landscape architects and landscape gardeners for hotels, office buildings, shopping malls, municipal street parks, golf courses, etc. 39 styles are available ranging in size up to 7 ft. Planters come in cone and dish, circular, rectangular and square tubs, and special lamp-post and shamrock shape. For details, circle (715) on the reply card.



**DUR-A-POXY REPAIR RESIN, Dur-A-Flex, Inc., Hartford, Conn.**

A water-based epoxy resin, it has no objectionable odor, is fireproof, has low toxicity, and unlimited shelf life. It can be used on swimming pools, gutters, masonry steps and basement. Works on wet surfaces. Mixed with sand and cement, it picks up structural properties and advantages. An extra strong bonding compound, it will bond new cement to old cement, bond gypsum plaster and Portland cement to any structurally sound surface, bond plaster, cement topping to most painted surfaces. For more details, circle (716) on the reply card.



**LINESMAN II HI-RANGER, Mobile Aerial Towers, Inc., Fort Wayne, Ind.**

Series 5F HI-RANGERS named "Linesman II" incorporate eleven major improvements in new models for working heights to 57 ft. Included are increased personnel platform load-bearing capacity; additional upper boom insulation and new 24" insulation break in the lower boom; redesign of boom components to meet latest utility standards; bearing and hinge-pin improvements for reduced maintenance; constant system operating pressure at 1200 psi to improve tower and hydraulic tool operation. Catalog available by circling (719) on the reply card.



**SELF-DUMPING BOX FOR PICKUP TRUCKS, Mathews Co., Crystal Lake, Ill.**

Quick, easy, low-cost conversion of any domestic pickup truck to a self-unloading dump truck is possible. The 16-gauge, galvanized steel box unit is 48½" wide by 19½" deep and is offered in two basic models: Model D-96 (96" long) for ¾-ton trucks and D-72 (72" long) for half-ton short wheel base models. The D-96 has 2 cu. yd. capacity; a 3 cu. yd. version (D-96H) has 7" extensions on each side. Box slides in and out on ball-bearing rollers mounted on steel channels bolted to the floor. For more details, circle (720) on the reply card.



**New Products**