



continued from page 38

Maintenance equipment

*Atlas Lawn Equipment

Atwater Strong Company offers the *Lo-Blo* air broom sweeper.

John Bean Div., FMC Corp., has expanded its line of golf course sprayers which now feature stainless steel tank models as well as epoxy-lined tanks, mechanical agitation for proper material suspension and uninterrupted operation, John Bean pumps and a design combining both a lower center of gravity for stability and safety and greater ground clearance. The line includes five basic hydraulic sprayer models for boom and gun applications and four models of the *Rotomist* air sprayer. Three models are the economy-priced *Turf-keeper Model MF-100-GE*; *Turf-keeper Model 1010-GE*, which has a stainless steel tank and the *Turf-keeper Model 1010-TT*, a trailer-mounted sprayer.

Bolens Div., FMC Corp., offers outdoor power lawn equipment.

The Broyhill Company's line of spraying equipment includes tractor, trailer or skid mounted models; hand-gun, boom, portable boom, high pressure (400 to 700 pounds), low pressure or both; centrifugal, piston or roller pumps; engine or PTO drives and many accessories.

Bunton Company makes a heavy-duty commercial trimmer, *Model 22SPF-4T8*, with front wheel drive and extra large wheels for handling in rough terrain. Without engaging or disengaging any clutches, the operator can trim around shrubs, trees and hard-to-get areas. Grass clippings are evenly discharged into optional grass catcher because of the deep aluminum alloy frame. Width of cut is 22 inches. Especially designed for guard-rail trimming, *Model GR18-35THX* provides the operator with an off-set cutter housing, completely enclosed, to permit

trimming under guard rails, fences, shrubs and bushes.



The Champion Company offers three models in its *Doo-All Trailer* line. *Roll-Dump* hoppers, available in one-cubic-yard and two-cubic-yard capacities, are also featured on two models. The third model will show the small chassis with the interchangeable flat bed in place. All units feature *Terra-Tires*. The two-cubic-yard chassis has a new square tongue for added strength for sharp turns under heavy load.

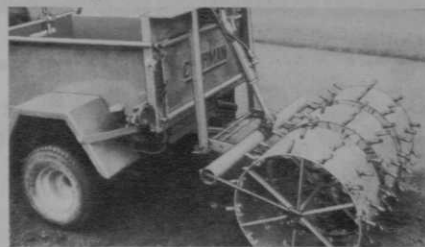


Stanley Clarke Equipment Company, Inc., introduces the *Trap-master* mechanical sand trap rake. One man operating the rake can maintain over 40 sand traps in four hours, according to the company. The rake teeth scarify the trap and the drag plates float out to smooth and finish the trap surface. Stanley Clarke will introduce also several "revolutionary new products."

The Cyclone Seeder Company carries the *Cyclone* line of seeder/spreaders. Models include a lawn spreader, broadcast hand sowers, broadcast hand spreader/seeder, a broadcast spreader/seeder that attaches to lawn and garden tractors and riding lawn mowers and *Model M-1A* broadcast spreader/seeder.

Dedoes Industries, Inc., introduces a smaller version of the *Dedoes Aerator*. This model has its own self-contained hydraulic system and has smaller pluggers, making it ideal for tees and greens. The swath width is 42 inches. The unit can be converted to a roller, slicer or spiker,

and has the same speed range as the larger aerator unit.



Edwards Mfg. Company offers sprayers.

E-Z Rake, Inc., introduces a self-propelled power thatcher, available with an 18-inch rake width (*Model 148*), 24-inch rake (*Model 164*), and tine-driven models with similar raking widths (*Models 48 and 64*). Features include a folding handle for easy transportation, a spin recoil starter, two hp engine, enclosed drive housing, back guard plate and baked enamel finish.

Fibre Products Div., McGraw-Edison Company, offers a tree edger.

Friend Mfg. Corp. offers a line of sprayers, dusters and industrial pumps.

Gandy Company makes the *Turf Tender* line of granular chemicals, seed and fertilizer applicators. The *Turf Tender 24*, has six hand models in the line. They are available with handle or tractor hitch, 75 pound capacity hopper, snap-on stainless steel bottom and slide with 20 triangular openings spaced 1 1/2 inches center-to-center. *Turf Tender 42* is a pull-type applicator with six models in the line.

Giant-Vac Mfg., Inc., makes a complete line of vacuums, blowers, truck loaders and thatchers for cleaning all types of debris and renovating turf areas.

Goodall Div., Bunton Company, makes a commercial trimmer-edger, *Model 18G-35GL*, which has front caster wheel swivels to allow easy level turning when trimming around trees, fences, walls and shrubs. The front caster wheel can be locked in a straight position for tilting when edging along sidewalks, driveways and curbs. Edger guards prevent marking or chipping from blade.

(Continued on page 44)

*Information unavailable at press time



continued from page 41

Cutting height is adjustable from 1 3/8 inches to 2 3/8 inches; width is 18 inches. Also available is *Model 22GSPF-4T8*, which has a 22-inch cutting width.

Hahn-West Point Div. introduces for 1972 the *Aeri-Boy* aerator for use on fairways. A full range of spoons, ranging from one-fourth to three-fourths inch, are available with the unit as well as spiking blades. Other equipment in the line include tractor-mounted aerifiers, a pull behind aerator, walk behind aerator, a *Verticut* unit and the *Power Drag*.

Hayden Beatty Rambler, Inc., features a hydraulic trailer.

*Hesston

***Howard Rotavator Company, Inc.**

H.D. Hudson has a spray rig with a telescopic mast which puts the spray gun up to 19 feet above ground while being controlled by the operator on the platform. Gun is adjustable from 10 feet to 19 feet high and can spray in almost any direction or angle.

*Jacobsen Mfg. Company

Kohler Company announces that a larger, top-mounted 1 1/2 gallon capacity fuel tank is now standard on its 6 1/4 hp (*Model K141*), 7hp (*Model K161*) and 8hp (*Model K181*) engines. New also is a heavy-duty tank mounting. A side-mounted tank with fuel pump is optional. Standard on all three engines is a 15-amp alternator system. All three are air-cooled cast iron engines of large bore and short stroke design. *Model K482*, a two-cylinder engine, is an 18hp cast iron engine for heavy-duty use.

L.L. Larson Machine, Inc., features spreaders and sprayers.

Lely South West, Inc., offers new this year the *Roterra* which features

vertical tines that whirl horizontally through the soil. The machine can be operated at depths up to eight inches, is hitch-driven and pto-driven. Several models are available in widths ranging from 60 inches to 180 inches. Other models in the line include the *Model HR* and *Model WGR*.

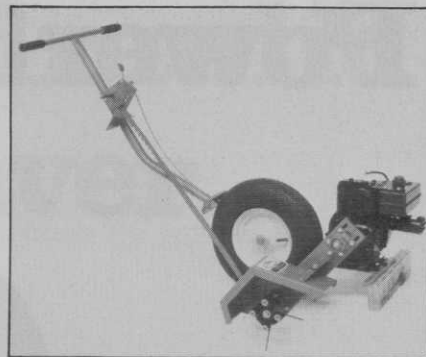
Lindig Mfg. Corp. introduces the *Kajon 914 Chipper*, which when combined with larger *Chippers* in the line, provide turfmen with mid-size brush *Chippers* with engines ranging from 14 to 30hp. They are designed for towing behind trucks or turf vehicles and for direct truck/tailer loading. The new *M-8 Shredder/Screener* for manual feed processing of topsoil, compost, turf and manure is also available. Lindig also has new this year its *SCM-720 PortaScreen* for high quality power screening. Improved this year is the *KT-15 Shredder/Screener*, which now comes with a 14 or 18hp air-cooled gas engine with an electric starter.

Mallinckrodt Chemical Works offers the *Mark II Spray-Hawk*, a mobile turf sprayer. The operator can coordinate the pressure to his walking speed, thereby spraying at the exact rate recommended by the manufacturer.



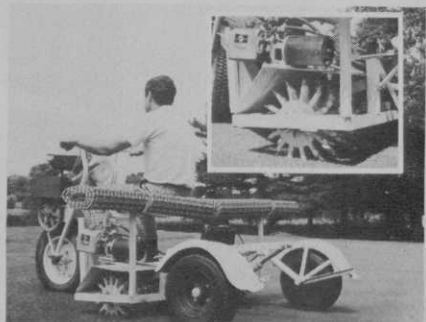
The F.E. Myers & Bro. Company features a full, new line of boom and gun power sprayers for weed, fungus and insect control. Called *TurfLine*, the line includes sprayers for large turf areas, for mosquito control, tree and shrub care and right-of-way maintenance. The *Greens Sprayer (Model TL10ETMG)* features an adjustable fast hitch, allowing it to be used with a utility cart, lawn tractor or turf tractor. The boom covers a 15-foot spray swath, has drip-proof diaphragm check nozzles and can be compactly stored.

Ryan Equipment Company introduces this year the *Ryan Sand Trap*



Edger. The edger has tempered spring wire tines for all types of grasses. The tines are pivot-mounted and run in reverse direction for fine cutting and so the cut material is thrown ahead and to the side. A depth control allows adjustment for sand traps that are level with the surrounding turf or for traps with high bunkers.

*Skaggs Turf Equipment



Smithco, Inc., introduces the *Little Beaver Spiker*. The self-propelled spiker has a hydraulic lift for the spiking reel and can do 18 greens in two hours, according to the company. It has a seven-inch drag mat for spiking and dragging simultaneously. Also new is the *Super Duper Lark Sprayer* with a 110-gallon capacity fiberglass tank and 10 gmp Golden Eagle pump. Other sprayers in the line include the *Spraymate Chickadee*. Also new is the *Top Rider* mechanical top dresser and the *Trap Rider* sand trap rake.

The Toro Company features the *Landscaper 6 Professional*, the deluxe model in its landscaper line. The width is 72 inches, and the unit mounts on a standard three-point hitch-equipped tractor. It has separate seed and fertilizer compartments. The seed compartment has a 100-pound capacity; the fertilizer compartment, a 250-pound capacity. Attachments include a scarifier,

(Continued on page 46)

*Information unavailable at press time



continued from page 44



slicer and optional rake bar. *Landscaper 4* and *6* are also available. The *Rake-O Vac* rakes, vacuums, renovates and conditions turf and can be used on hard surfaces. The *Trojan 3* all-purpose maintenance machine is a snow blower, snow grader, leaf blower, leaf mulcher and rotary broom. Powered by a 14hp Kohler engine, it has a 60-inch *Whirlwind* rotary cutter, electric starter, power steering.

Turf-Vac Corp. features *Model-FM5* and *Model 70* from its line of turf sweepers. *FM5* has a sweep of five feet, a hopper capacity of five cubic yards, 12hp engine and comes with accessories such as a 14hp engine, electric starter and scoop brush. *Model 70's* hopper capacity is 38 cubic yards.

Vandermolen Corp. introduces the 7-11 *Fastblo* wheeled blower which has a 180 mph airblast, weighs 48 pounds and does not use crankcase oil. Another product in the line is a portable gas-powered knapsack blower, available now with a tank which allows two hours of operation without refilling. This blower generates a 225 mph airblast, weighs 19 pounds and comes with an optional sprayer kit. Van Der Molen also markets the *Diadem 290* spreader and seeder which is finished in a new epoxy plastic.

Vermeer Mfg. Company makes the *Tree Spade* line of tree removers for commercial use. Available in six models, ranging from a trailer-mounted "mini-spade," which removes and transplants trees up to three inches in diameter, shrubs and

*Information unavailable at press time

bushes, to a remover which can dig a tree ball 66 inches in diameter and can move trees up to six inches in diameter. Also available are seven models of stump cutters.

Maintenance vehicles

Bruce Mfg., Inc., has improved the 1971 models of *Pug* four-wheel drive utility vehicles by adding more powerful, quieter engines and new options. The vehicles can carry up to 1,500 pounds or seven adults plus the driver.

Cushman Motors has the *Turf Truckster* line of transportation and light hauling vehicles. The four-wheel models are equipped with 18hp gasoline engines, automotive steering and four-wheel hydraulic brakes. Options include a windshield, fiberglass cab with folding doors and rear view mirror.

Ford Motor Company offers new this year a 14hp hydrostatic lawn and garden tractor (*Model 145*), a 12hp hydrostatic tractor (*Model 125*), a gear-driven tractor (*Model 120*) and a 10hp, gear-driven tractor (*Model 100*). All models feature new design Kohler engines, tubular frames arched at the center for added ground clearance and automotive-type worm-gear steering. Other features include large rotary mowers up to 50 inches, large dozer blades, snow blowers and tiller and a quick hitch system. Also shown will be the *Model 340* compact loader.

Harley-Davidson Motor Company features its 1972 *Utilicar* model, which has a wheelbase of 70.5 inches; an over-all length of 98.5 inches; an over-all width of 42.35 inches and an over-all height of 38 inches. Six body styles are available, all gasoline powered, all three-wheeled.

*Hawaiian Motor Company

International Harvester Company introduces the 46hp *International 2400A* industrial tractor and a *No. 71 Industrial Mower*. The *2400A* is available in a regular and Lo-Boy version with a four-speed, synchronized, constant mesh spur gear transmission and can be used for mowing, blade work, scari-



fyng and scraping, loading and backhoe operations. Also to be show is the new 14hp *International 149 Cub Cadet* hydrostatic drive tractor with a new *No. 1 Sand Trap Rake* attachment. The 72-inch rake has two gangs; the front to break up crust and stir up weeds, the rear to smooth out the sand. The *149 Cub Cadet* is equipped with flotation tires. The 15hp *International Cub 154 Lo-Boy* tractor will be shown with an *International 3260* rotary mower and is designed for grounds maintenance and landscaping.

Smithco, Inc., introduces eight and 10hp models of the *Red Rider* work cart with number 50 chain and new handle bars. The *Big Red* work cart is a larger version of the *Red Rider* and has a capacity of 29 cubic feet; the over-all width is 74 inches.

Mowers

Bunton Company's *Model 36HDW-10TCI* is a heavy-duty mower designed and built for rough terrain and high cutting. It features dual traction and extra large caster wheels and has a 10hp engine.

Excel Industries, Inc., makes the *XL-272 Hydrostatic Hustler Multi-Mower* which features as standard an 18hp Kohler, two-cycle air-cooled engine, hydrostatic transmission for each drive wheel, attachment hitch, electric clutch and locking attachment for parking, among others. The mower attachment cuts a 70½ inch wide swath, has three 24-inch blades, which have a cutting height of from two to five inches in three-eighths increments.

Hahn-West Point Div. offers the *Tournament Triplex Greens Man-*
(Continued on page 49)