

"GRASSHOPPER" MOWER: Scott Company, Hutchinson, Kansas

New drive concept for a mower is cart-like design with a front-mounted three-bladed rotary mower assembly. Conical trans-axle drive combined with the mower's compact design is aimed at the commercial turfgrass market. Forty-inch cut combines with steering mechanism maneuverability. Steering mechanism is simply two handles. Minimum turning radius is little more than the 42-inch width of the unit. Mower drive line is jointed so the deck assembly can follow uneven terrain without scalping or becoming high centered. The mower assembly can also be removed easily so the cart can be used as a run-about. For more details, circle (701) on the reply card.



# PEST CONTROL OPERATOR SPRAYER: FMC Corporation, John Bean Div., San Jose, Calif.

Self-contained pest control operator sprayer fits into the back of a small pickup truck with ample room remaining for the transportation of a full working supply of spray materials. Provides curbside reach of all functional parts, including tank lid, starting mechanism, hose reel, and controls. Equipped with 50-gallon stainless steel tank. Mechanical agitator in this tank assures positive chemical mixing at all times, while an in-line filter prevents the introduction of foreign material into the spray line. The tank contains a sealed, vented corrosion-free cover. Features a 5 gpm highpressures up to 300 psi. Pump is driven by a gasolinepowered engine, and contains simple drive belt adjustments and special belt guards for added operator protection. For more details, circle (708) on the reply card.



WEIGH HOPPER: Ferguson Industries, Dallas, Texas

Low cost 2-ton weigh hopper is mounted on free Flex-Poise Scale. Hopper is stainless or carbon steel with a removable scalping screen, a 1 ton discharge per minute heavy duty screw conveyor, 5 hp, 3 Phase, TEFC Motor, mounted on the Ferguson Flex-Poise, non-corrosive scale with 5000# Toledo Dial. The utilization of the Ferguson Flex-Poise weighing system provides low maintenance and accurate service. Available in other sizes and with other scale readout systems. For more details, circle (704) on the reply card.



MOUNTED HYDRAULIC CRANE: Ruger Equipment, Inc., Uhrichsville, Ohio

Standard model truck mounted one-ton hydraulic crane features a two-speed hydraulic system, variable effort hand pump and a boom that is 54-inches long. Also available in  $\frac{14}{2}$ ,  $\frac{1}{2}$ , two- and three-ton models; and also available as portable floor cranes. Variety of optional accessories are available. For more details, circle (705) on the reply card.



## AUTOMATIC POWDER DISPENSER: United Utensils Co., Port Washington, N.Y.

Automatic, dust-sealed powder feeder uses the actual 12-gallon fiber drum as its hopper. The dispenser eliminates the transfer of powder from the drum to another hopper prior to dispensing. In operation, the "nose cone" of the dispenser is removed and placed over the open drum. Then the cone-and-drum are rotated as a unit into delivery position. The nose cone has a tight-fitting closure and a valve (in the closed position) to prevent loss of powder during the pivot operation. Once in position, all operations are automatic. Entire assembly is designed for remote operation. A low-level alarm light or buzzer indicates when the drum is empty. Auxiliary vibrator on the drum-side of the assembly keeps the powder moving. For more details, circle (703) on the reply card.



#### PORTABLE ELECTROSTATIC PAINT SPRAY SYSTEM: Eclipse Systems, Inc., Fairfield, N.J.

Principal that electrically charged paint is attracted to the item to be coated has been in industrial use for sometime, but has been practically limited to that market. Introduction of portable system makes speed and savings in labor and material attributed to this process available to the maintenance painting field. Complete system is trailer mounted. Consists of a gasoline driven 15 cfm compressor and 110 volt alternator, electrical power supply, 3 gpm paint pump, hand electrostatic spray gun and 25 feet of hose. Successful application of all types of materials including aluminum paint, epoxies and water solubles is claimed by the manufacturer. For more details, circle (706) on the reply card.



### ALL-TERRAIN BIKE: Huron Tool & Mfg., Lexington, Mich.

"El-Burro" all-terrain, all-season hike-bike, is designed for up to 32 mph; can carry two. Tank of gas lasts for 4 hours. Rolls through snow, sand, marsh, fields. Powered by a 5 h.p. engine with a powerful TC-88 torque converter for toughest trail conditions. Distributorships and dealerships available in choice territories. For more details, circle (707) on the reply card.



#### SWEEP LOADER: Wayne Manufacturing Co., Pomona, Calif.

Capability for pinpointing load employs only one lever to automatically maintain proper hopper attitude during the lifting and dump cycle. Powered by 210 hp V-8 engine, the sweep loader features 2-speed power take-off which allows effective sweeping at slow speeds. For heavy sweeping PTO shifts the pickup and gutter brooms to higher speed for one-pass street cleaning. For more details, circle (716) on the reply card. NEW PRODUCTS



FLAIL LAWN CONDITIONER: Venture Systems, Inc., Fresno, Calif.

Flail type lawn conditioner combines three important lawn care functions in one machine. Free swinging flails are mounted on a spiral that reduces vibrations because of the even load placed on each flail. Neoprene spacers cause flails to bounce on contact with solid objects such as sprinklers or curbs. Flails are staggered to provide %" incremental cut across the full working width for each revolution of the shaft. Lawn conditioner removes dead grass, renovates old lawn and mulches leaves. Distributorships are available for the multi-purpose flail type lawn conditioner Model 7011-A. For more details, circle (702) on the reply card.



SPRAY RIG: Public Health Equipment & Supply Co., San Antonio, Tex.

Compact spray rig is skid mounted fiberglass tank of size for a pickup, utility cart or tow cart. Ideal for small area weed spraying, liquid fertilizer application or tree spraying. Unit can be made portable at little cost by mounting axle, wheels and a hitch, or is adaptable for a spray boom. For greenskeeping can be hooked up to most golf course haulers or garden tractor rigging. Complete with 50 gallon fiberglass tank, on skid, 4 hp engine, six roller pump, 25 ft. of hose with handgun, all necessary plumbing and regulator. \$299.50. For more details, circle (709) on the reply card.



STRAINER CHECK VALVES: Spraying Systems Co., Bellwood, III.

Strainer Check Valve for use with TeeJet spray nozzles with tip capacities up to 1.0 gpm. Original design was limited to tips with up to 0.46 gpm capacities. New unit provides the dual function of protecting the tip from clogging as well as preventing dripping from the nozzle after line pressure shut-off. Strainer check valve is offered in choice of brass body and cap with monel metal screen and in body and cap made of aluminum, stainless steel or polypropylene with stainless steel screen. Screens supplied in choice of 24, 50, 100 or 200 mesh sizes. For more details, circle (711) on the reply card.



PORTABLE PUMP: Colt Industries Pump Div., Kansas City, Kan.

General purpose portable pump floats on the surface of holding basins, sumps, excavations, lakes and streams. Designed for a wide variety of emergency and constant-use applications. Available in five models of varying sizes and capacities, driven by a choice of gasoline, electric and air motors, and ranging in weight from 40 to 220 lbs. Float ring of polyethylene is filled with 100 percent urethane foam for maximum buoyancy and is resistant to water, sun, hydrocarbons and most chemicals. Adjustable skimming attachments for converting the pumps to fixed-position or self-propelled aerators are available as options. For more details, circle (710) on the reply card.



REINFORCED BUMP CAP: Glendale Optical Co., Woodbury, N.Y.

New series of bump caps, molded from durable, impactresistant thermoplastic, features decorative star molded into crown to reinforce what is normally the weakest part of a bump cap. Bump cap is designed to stay on the wearer's head under rigorous conditions. Polyethylene nape strap with adjustments on both the right and left sides anchors the cap firmly and comfortably; provides extra gripping power to keep it on securely for full-time protection. Available in variety of colors. Headband is foam padded for comfort and protection; adjustable for all head sizes. Can be used with ear protectors. For more details, circle (712) on the reply card.



#### PICK-UP BROOM ATTACHMENT: Waldon, Inc., Fairview, Okla.

Pick-up broom attachment equips Waldon 5000 tractor for all types of cleaning operations on grass or pavement. Broom and hopper attach to the front of the hydraulic boom. Unit is hydraulically operated off the tractor system. Operator can raise the boom and empty the hopper contents into a truck. Polypropylene brush sweeps 60" swath, while front-mounted, spring-loaded hydraulic gutter brush sweeps curb areas or close to walls. Gutter brush can be raised up out of the way when not needed. Unit has self-aligning bearings, heavy-duty welded steel construction and features safety shielded chain and sprocket brush drives with easily accessible lubrication points. For more details, circle (714) on the reply card.



TURFGRASS SWEEPER: Turf-Vac Corp., Long Beach, Calif.

Self-propelled turf sweeper — incorporates fast, automatic dumping feature and can be unloaded directly into trash bins, trucks, or over retaining walls. Hydraulic lift system raises the entire hopper, tilts the hopper for maximum dumping efficiency, and opens and closes the hopper door -without the operator leaving the drivers seat. Speeds up to 10 mph. Features include a sweeper-width of 54", front loading (wheels behind scoop), and excellent side-hill stability due to the low profile and four-wheel suspension. Allvacuum pick-up allows it to be used on both turf and paved areas, under both wet and dry conditions. Accessories include a blower unit for curb cleaning and windrowing and a hand-held intake hose for debris removal from hard-to reach areas. For more details, circle (713) on the reply card.



SUB-COMPACT LOADER: Clark Equipment Co., Gwinner, N. Dakota

Smallest loader on market is new Melroe Bobcat, 35 inches wide (inverting the standard wheel gives it a 41 inch width), 60½ inches long and 71 inches high to top of guard. Loader is powered by a 14 hp single cylinder air-cooled engine, with a load rating of 500 pounds. Features single unit transmission frame, welded steel axle housings and non-pressure lubricated clutches. Standard equipment includes 5.00-12-4 ply tires, overhead guard, 2 section hydraulics and Bob-Tach. Buckets available in 36 inch, 42 inch, and 48 inch size. Unit weighs 1400 pounds, not including bucket. For more details, circle (715) on the reply card.