

# Products



Toro has developed a new sprinkler head with a combination of features designed to reduce water usage as well as installation and maintenance costs of automatic underground irrigation systems.

The Rain Pro permits spacing up to 53 feet and features clog-resistant nozzles, corrosion-resistant construction and a removable basket screen that can be serviced easily from the surface. It has four rotating nozzles that deliver water slowly and uniformly to minimize puddling and run-off.

Circle 701 on free information card



Heckendorn Manufacturing has introduced a low cost 8 hp stump remover available with its own trailer for easy transportation or mounting on a Heckendorn mower, pickup truck bumper, garden tractor or other unit.

The stump remover reduces stumps to an easily removed pile of fine chips, leaving a clean depression. The cutter disc has four hardened carbide teeth, easily removed for sharpening or replacement, on a 12-inch diameter by 1/2-inch thick steel plate. The depth of cut on each pass of the cutter disc is regulated by a hand screw adjustment, set by the operator to remove the maximum amount of material possible.

Circle 702 on Free Information Card



A new 20-cubic-foot capacity rear-mounted box scraper which fits standard category II 3-point quick-coupler hitches has been introduced by the Woods Division of the Hess-ton Corp. It weighs 750 pounds and is designed for tractors with maximum 60 hp or 6,000 pounds gross weight.

The BB600 box scraper features hydraulically controlled scarifier shanks for 5-position depth penetration.

Circle 703 on free information card

"Understanding Soil Compaction", a 22-page booklet has been published as a helpful guide by Davis Manufacturing Division of J I Case.

The booklet outlines the reasons soil compaction is needed and discusses soil types, properties and moisture content. It explains compaction methods and machine characteristics to consider for selection of the most effective combination in various job applications. The guide also explains the most widely used soil compaction tests, their functions and purpose.

Circle 704 on free information card



Rain Bird has introduced Model 1300, a new bubbler nozzle, designed for a variety of landscape irrigation applications.

The unit is constructed of molded plastic to minimize field problems and maintain peak operating efficiency and can be easily installed on existing 1/2-inch irrigation systems.

Flow control is regulated by an adjustable screw on the bubbler's head. Operating pressure ranges from 10 to 60 psi with a corresponding performance range from 1.0 to 2.7 gpm.

Circle 705 on free information card



A battery-operated electronic Soil Moisture Meter which measures and displays the amount of moisture in the soil instantly, has been introduced by Agronics Manufacturing. The probe measures conductance in the soil.

Circle 706 on free information card

**Reach-All** Manufacturing and Engineering has recently introduced Model OC5048 aerial basket with 40' side reach, 48' bottom-of-basket height and a 1-man, 300 lb. or 2-man 600 lb. capacity. This model features a concept new to non-overcenter basket design — the lower boom travels overcenter (133° articulation) — thus extending effective side reach to 40 feet. While achieving side reaches comparable to overcenter devices, this design is available at lower costs.

The OC5048 is equipped with Reach-All's standard safety and operational features, including double cylinders at both lower and upper boom, automatic hydraulic-cylinder basket leveling, continuous, unlimited rotation, a fiberglass insert in the lower boom, a 345 KVAC potential dielectric certification and an end-mounted basket for a 3-sided working area.

Circle 707 on free information card



eral tools at once. The generators are available with capacities of 1250, 2000, 3000, 4500 and 6000 continuous duty watts.

Circle 708 on free information card

quick, easy attachment and detachment that is hydraulically assisted; a wrap-around frame that evenly distributes loads to the front and rear axles; and an assortment of eleven utility attachments.

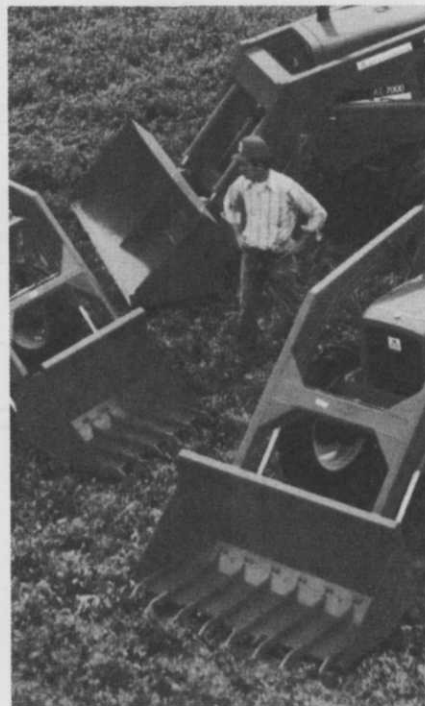
Also described is the new Model 400 loader compatible with the Allis-Chalmers 40 and 50 hp tractors and the Model 500 loader for mid-sized tractors.

Circle 709 on free information card



The new "A Series" rotary field electric generators are available from Ag-Tronic. Powered by industrial-type Briggs & Stratton engines, the generators feature rotary field design to provide greater motor starting capacity, superior performance and longer life. A protective cradle of one-inch steel tubing surrounds each unit to protect against damage. Rubber feet on the cradle also dampen vibration and minimize crawling.

The "A" Series" is full load continuous duty rated to deliver rated capacity. Outlets are protected by circuit breakers which can be reset immediately. A variety of NEMA receptacles, duplex and twist lock, allow operation of sev-



A series of detachable loaders is described in a new brochure from the Allis-Chalmers Corp. One of the loaders, the Model 470, matches the high performance of the over 100 hp, 7000 series tractors from the company. Among its features are a



Jacobsen has made available a water cooled engine as an option for the 72-inch Out Front Commercial riding rotary mower. The heavy duty engine option was added for users who require longer than usual operating intervals between engine maintenance. It has a comparatively low operation temperature (180°F) which extends the life of valves, rings and other internal working parts, a characteristic of water cooled power.

Circle 710 on free information card