

## PRODUCTS

**Piggyback material handler** by Princeton Manufacturing Co. will lift and load 4,500 pounds of sod, trees, and other nursery materials. It



carries the load weight between the drive wheels instead of in front to give stability. It provides a low ratio of weight to carrying capacity, and is

designed to lift itself off the ground behind any suitable truck for easy, efficient transport. A two-cylinder diesel engine and hydrostatic wheel motors and wheel torque hubs power the machine through all adverse conditions — in mud, sand and gravel; over curbs, logs, and other obstacles; and on steep grades.

Circle 709 on free information card

**The RCS-4 row crop sprayer** applies liquid chemicals to control weeds and grasses in row crops and sod beds. It spot sprays for application only in infested areas, saving fuel and herbicides. High flotation tires and light weight reduce soil compaction. Twin chemical tanks hold 110 gallons, which can be pumped by either a high-capacity centrifugal pump or a 7-roller pump. Its 48-inch ground clearance is useful for nearly all row crops during the full spraying season.

The Hustler Corp. machine has a 20-foot, three-section, spring-loaded boom for multiple height adjustment for the particular crop. The combina-



tion hydrostatic/differential transmission controls speed (tops is 12 mph) and permits smooth operation at low speeds for wick bar applications.

Circle 704 on free information card

**The HT 20 Bolens diesel tractor** offers the power of a twin-cylinder 19.9-horsepower cast iron diesel engine along with the easy operation of hydrostatic drive with treadle foot



### lawn genie®

72" PTO Model



### The Pick-Up Mower

Mow smoothly and pick up clippings in one pass! The rugged, versatile Lawn Genie thatches lawns, verti-cuts greens, tees and fairways, sweeps leaves, wades through high weeds and empties easily from the tractor. It's the pick-up mower that cleans, mows and sweeps.



36", 60", 72" cutting widths - with or without loading hopper.



### Mathews Company

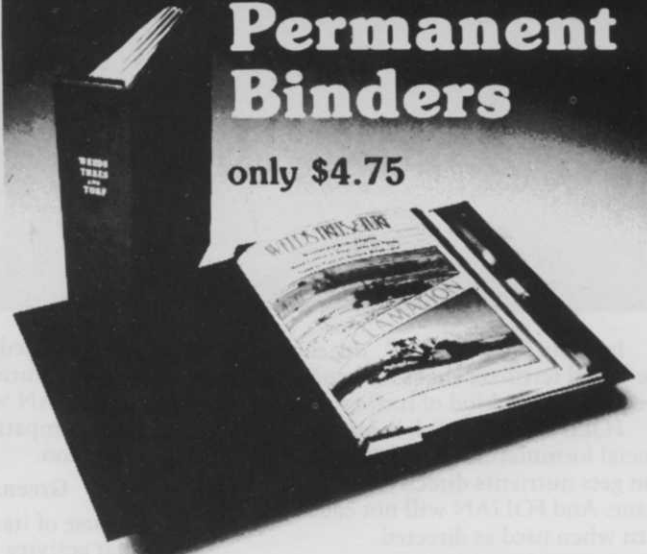
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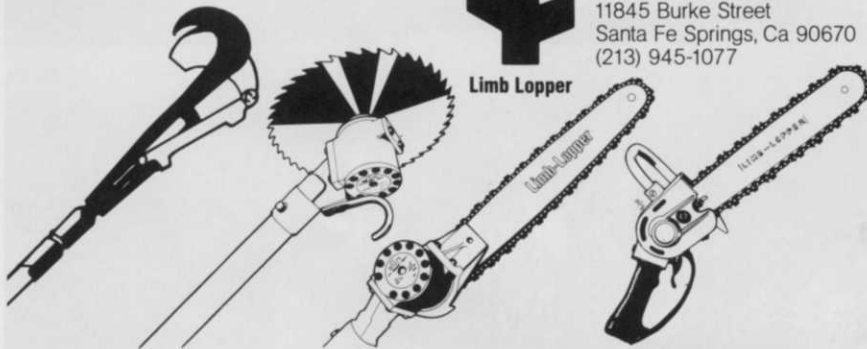
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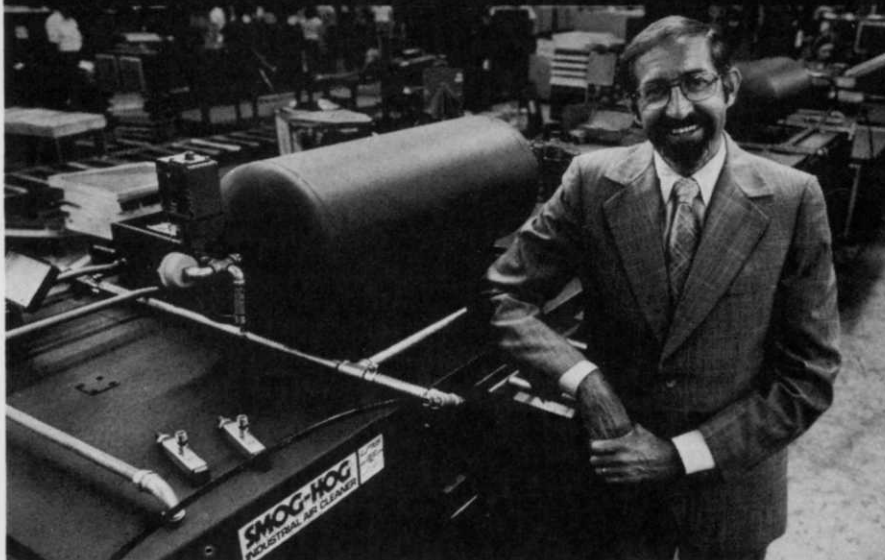
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Limb Lopper



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## Products

from page 84

control. A two-spool "power-lift" hydraulic attachment lift allows the operator to perform two operations at once off a shaft driven PTO for



front, center, and rear mount attachments. The massive two-speed rear axle and differential are built to handle a variety of heavy jobs. FMC Corp., Outdoor Power Equipment Div., makes it.

Circle 703 on free information card

The Swinger line of loaders features five models ranging from the 110 with an SAE operating capacity of 1,175 pounds to the 320 with an SAE capacity of 3,012 pounds. All models feature 20 degree front-rear frame



oscillation and fourwheel hydrostatic drive for safe, stable work over rough terrain with full loads. Total 80 degree articulated steering permits easy maneuverability in tight quarters. Dynamic Industries, Inc. makes the loaders.

Circle 708 on free information card

A forklift attachment for the W4 wheel loader, made by the Davis Div., J I Case Co., holds 1,135 kilograms (2,500 pounds) and lifts to

3.7 meters (144 inches). It is ideal for moving sod and a wide range of landscape jobs. A rugged five main-bearing, liquid-cooled, 35-horsepower diesel engine powers it.

Articulated design and a center-pivot steering joint permit 70 degree



articulation, allowing the front and rear wheels to always follow the same track. Combined with hydrostatic drive for variable travel speed and hydraulic power steering, the W4 easily maneuvers in confined areas or rough terrain. It attains speeds to 4.4 mph for work and 12.7

mph for transport. A hand lever selects forward/neutral/reverse, and a pedal controls speed and power.

Circle 706 on free information card

**High torque and fuel efficiency** have been added to the HF-15 mowing tractor from the Jacobsen Div. of Textron Inc. The tractor now comes with a 236 CID Perkins diesel engine that generates 192 foot pounds of tor-



que at 1,350 rpm. Horsepower is now 78 compared to 65 previously. Fuel consumption remains the same. A

huskier gearbox drive, PTO shaft and U-joint, and clutch have been added along with revised instruments and mowing controls, air cleaners, and exhaust system. This out-front mowing tractor has hydraulically driven reels which allows for reel rotation at a consistent rate, independent of the rotation of mower wheels.

Circle 713 on free information card

**A tough, compact grader** from Hefty Tractor Co. does a variety of jobs and saves fuel, manpower, and maintenance costs. It has a short turning radius, power steering, and turning brakes for good maneuverability. Blades lift high for clearance and trailer loading. Blades and controls are positioned for operator command.

A blade between the wheels pushes from the solid rear frame mount. Blade angles, lifts, and tilts to either side hydraulically for finish

Continues on page 93

# Windmill backpack blower

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# Lawn Smooth, Rock Tough VEMCO Flail Mowers

Talk about versatile! The Vemco Flail Mower keeps parks, and other large lawn areas smooth and streak-free. It also cuts rocky, trashy areas where ordinary mowers cannot go.

Standard Series mowers, with 42", 48" and 60" widths, have many construction features usually found only on heavy-duty models. Heavy Duty Series, with 60", 72" and 84" widths are tougher yet. Rock Dodger blades swing free in all directions, are practically immune to breakage.

We urge you to compare a VEMCO with any other mower in its class. You'll see the difference and like it.

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Circle 148 on free information card

**Products** from page 88

grading. A 27-horsepower, water-cooled engine and six speed forward



all-gear transmission power the tractor.

**Circle 702 on free information card**

**The three-wheel Front Line mower** from OMC-Lincoln makes uniform cuts with three separate blades adjustable to eight positions, from 1 to 4½ inches. Designed for maintenance contractors and lawn care ex-

perts, the mower carries a 72-inch cutting deck which extends more than a foot to one side for close trimming along fence lines or around trees. The blades—25 inches long, 2½ inches wide, and 3/16 inch thick—overlap 1½ inches to assure even cutting.

The cutting deck is constructed of 12-gauge carbon steel and reinforced



and arc welded to withstand difficult cutting jobs. It lifts hydraulically to clear curbs. A Cushman 18-horsepower twin, air-cooled, four-

cycle engine powers the mower to keep blade speed high, even through tall weeds and grass. Hydrostatic transmission and multi-disc PTO clutch makes it easy to operate. A rocking pedal enables the operator to move the mower into forward speeds of up to 7.7 mph and reverse speeds of 4 mph.

The mower has direct drive to the deck gear box and features a sealed and lubricated telescopic drive shaft for durability. It also has individual wheel brakes for tighter turns and better control on various terrain, and an integral brake locking system for use during transport. Rear-wheel steering enhances maneuverability.

**Circle 701 on free information card**

**A 21-horsepower engine**, model KT21, from Kohler Co. powers a variety of equipment—lawn and garden, construction, and agricultural. The air-cooled, four-cycle, twin-cylinder engine has demountable

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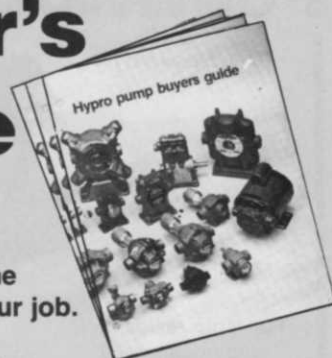


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# PEOPLE BRIDGES



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Circle 137 on free information card

## Products from page 93

cast iron cylinder barrels on an aluminum crankcase. Crankshafts are made of forged steel and camshafts of durable cast iron.

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reducing air intake noise. The engine is designed for easy installation in an enclosure to further reduce noise. Breaker points, condenser, spark plugs, oil fill, dipstick, air cleaner, and carburetor are easily accessible

for service.

Circle 714 on free information card

**Bush Hog 2400 QT and 3400 QT** front end loaders fit many tractor makes and models. Designed to mount or dismount in four minutes, they attach to compact mounting brackets that remain out of the way in normal tractor operation or maintenance. The 2400 QT loader fits 35- to 75-horsepower tractors. It has a lifting capacity of 2,400 pounds and breakaway capacity of 3,340 pounds. Features include a standard level indicator, single frame cross member for good visibility, regreaseable pivot points for long life, and tubular hydraulic system.

The 3400 QT loader (shown) fits 80- to 120-horsepower tractors. Its lifting capacity is 3,500 pounds and breakaway capacity 5,000 pounds. Features include rust-resistant, chromeplated, high-tensile steel cylinder rods and V-type piston packing that withstands weather.

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