

# Cushman Turf-Truckster becomes a self-propelled sprayer.



Fairway Sprayer on the Pickup Model Turf-Truckster sprays a 30-foot wide swath. Boomless nozzle, handgun assembly and 50 feet of hose are standard.



Complete Greens Sprayer shown mounted on Big Box model. Six-speed dual-range transmission and variable speed fast-acting governor assure uniform ground speed over varying terrain.

# TURF-TRUCKSTER

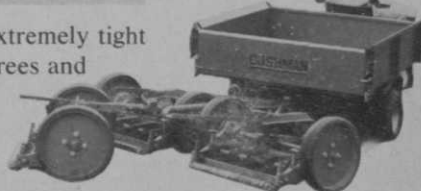


Handgun is standard equipment with Fairway Sprayer. Optional equipment with Greens Sprayer. Can be adjusted for direct stream reaching 45 feet high. Ideal for spraying ornamental trees and inaccessible areas. Excellent for mosquito control.



Big Box Model dumps manually. Meters out the material at correct flow. Swinging tailgate is operable from driver's seat.

You can mow in extremely tight situations around trees and shrubs with the Turf-Truckster.



## **CUSHMAN MOTORS**

1017 N. 21st Street, Lincoln, Nebraska 68501  
A Division of Outboard Marine Corporation

See your Cushman Dealer today for a demonstration.  
Mail the coupon below for full information  
on the Cushman Turf-Truckster.

### CUSHMAN MOTORS

1017 N. 21st Street, Lincoln, Nebraska 68501

Yes, I'd like to know more about the Cushman Turf-Truckster.

Name \_\_\_\_\_

Title \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

# The man with this cap will tour your course.

He's your VERTAGREEN Turf Specialist from USS Agri-Chemicals. And when it comes to turf grass management, he's a good man to get to know. Your VERTAGREEN Turf Specialist will meet you on your own ground with a Professional Turf Program specifically suited to the needs of your course.


Before he discusses the use of fertilizers and turf protection chemicals, he'll want to walk your course with you...to look over your turf...ground contours...and general course condition. Then he'll take a soil sample, at no charge, for a



nutrient level analysis and nematode inspection. Then, your VERTAGREEN Turf Specialist will recommend exactly the right VERTAGREEN turf nutrients and VERTAGARD turf protection chemicals that will work hardest for your own climate and course condition. For great turf in the 70's, call the professional today...your USS VERTAGREEN Turf Specialist from USS Agri-Chemicals. He'll meet you on your own ground with a full line of dependable turf products and services.

## with the Vertagreen pros.



Score in the 70's with the  Vertagreen Professional turf program.

For more information on the USS VERTAGREEN Professional Turf Program, visit the 42nd International Turf Grass Conference, Booth #E-30, Denver, Colorado, February 7-12, 1971.

For more information circle number 241 on card

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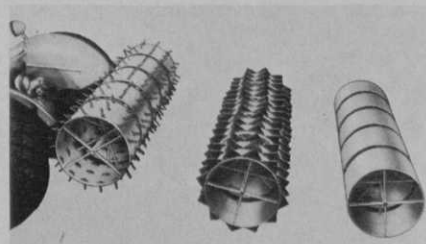




MAINTENANCE CONTINUED

clone Model BP Spreader/Seeder for lawn tractors, the Cyclone Broadcast Hand Sowers in four models, the Cyclone Broadcast heavy-duty spreader/seeder and two electric-powered broadcast spreader/seeders among others.

**Dedoes Industries, Inc.**, introduces a contour aerator unit which produces a down force of over 2,000 pounds and weighs 300 pounds. It has twice as many pluggers as Dedoes' standard aerator drum.



**Excel Industries, Inc.**, introduces the Hustler Hydrostatic XL-272 Rotary Mower. It features 1 3/4 inch diameter axles and an 18hp, four-cycle air cooled engine with hydrostatic transmission. Three 24 inch overlapping blades rotate to cut a six-foot area at a choice of seven cutting heights. In addition the Tilt Deck Trailer with a capacity of 2,000 pounds is offered. Among its features are a three-inch box-steel frame, four-ply tires and a ball type hitch with safety chain.

**E-Z-Rake, Inc.**, introduces the Model 300 Thatcher-Baler designed to bag grass clippings as it thatches lawns. It features a five hp engine, flexing rubber-sleeved thatching tines, auger pickup and can be easily attached to any garden tractor.

In addition, the Model 110 Pull Thatcher with a three hp engine and easy pin hitch and two models of the Powered Lawn Tool which loosens and lifts thatch are offered.

**Ford Motor Company** makes the Model 400 SU tractor capable of close-quarter operations. Its 52-PTO hp engine pulls a scraper, flail mower or large rotary cutter and can be equipped with a front loader. Fea-



tures include an eight-speed transmission, wet disc brakes, three-point hitch, differential lock and power steering. Available with gas or diesel engines.

**Gandy Company** offers a line of precision applicators among them the Model 42 Turf Tender that will handle granular chemicals, seed and fertilizer. Available with a tractor hitch or handle, it features positive shut-off to assure complete control of material and a precision cam gauge which controls application rate.

The Gandy Tender line, which is designed for chemical trimming, will also be offered. It applies insecticides in bands of between one and 21 inches wide. In addition Gandy makes the Spread-It line of chemical applicators and the Turf & Field Tender precision applicator.



**Giant-Vac Mfg., Inc.**, manufactures a complete line of vacuums, blowers, truck loaders and thatchers for cleaning all types of debris and renovating turf areas. The line includes 50 different machine models which will be shown through demonstrations and motion pictures.

**Goodall Div.,** Bunton Company, introduces two new models in its line of lawn and turf equipment. They are the Direct-Drive Trimmer-Edger with recessed steel wheels and a



cutting width of 18 inches and the Heavy Duty Self-Propelled Mower with 10 by 2.75 wheels and front wheel drive.

**Hahn West Point Div.,** Kearney-National, Inc., makes the Aeri-Vac turf vacuum with a six-foot wide vacuum and six-cubic yard trash hopper. It features a rear door for hand dumping litter, high flotation tires and an anti-scalping assembly. It is hydraulically powered and can be towed up to 10 mph. In addition,



Hahn makes the Tournament Triplex Greensmower with precision cutting reels, variable speed control, hydrostatic drive and heavy-duty tee mowers, among other features.

**Hawaiian Motor Company** introduces the Daihatsu Hi-Jet 360CC turf trucks in two models, the LS-37T and the LS-37T0. They are powered by a two-cylinder, two-cycle, water-cooled engine which is said to allow the engine to run at low temperatures, increasing engine life.

(Continued on page 54)



MAINTENANCE CONTINUED



International Harvester Company offers five new finger touch control mowers in key-start or cord-start models. Each model features three-point height control. In addition, the 12hp 127 Cub Cadet lawn and garden tractor with the Sand Trap Rake, will be offered. The rake is 72 inches wide and mounted on a three-point hitch. It has a transport height of eight inches.

Also offered will be the 6hp Cadet 60 Electric Riding Mower with four-speed transmission, 32-inch rear discharge mower, front and rear bumpers and storage stand.

Jacobsen Mfg. Company introduces the Greens King Triplex greens mower new in its line this year. Also shown will be the Model F-133 5-Gang Mower, a riding reel mower which features an 11-foot cutting area, a hydrostatic foot speed control and front cutting for wheel streak prevention.



Also in the line are the Model G-10 tractor with fairway gang mowers, the Model F-10 seven gang mower for outfront cutting, the Rogers Model

720 sweeper and the Rogers Model 510 Aero Blade.

Kohler Company has added larger topmounted fuel tanks of 1 1/2-gallon capacity to its 6 1/4 hp, 7hp and 8hp engines. Also new is a 15-amp alternator system which replaces a 10-amp system and provides more electricity. All three engines are air-cooled, large bore, short stroke and constructed of cast iron.

Lely South West, Inc., offers the 12500 Fertilizer Spreader which features a 2,500-pound capacity hopper, auger agitator, automatic remote control shut-off and an adjustable spreading pattern 48 feet wide. The L2500 is PTO-driven with 10 by 15 ribbed implement tires.



Lindig Mfg. Corp. has added the Kajon Chopper to its line of shredders and screeners. Kajon models will chip branches up to 2 1/2 inches in diameter. Available with four or seven hp gas engines, Kajon models feature the



Chop-All Rotor which accepts a variety of material and chops it into one-half-inch sizes. Options include an attachment for leaf collection and a trailer. Also new is the SCM-720 Porta Screen with four bearing system suspension to prevent bogging down.

\*Locke Manufacturing Company

Mott Corp. introduces the Mott Hammer Knife and the Interstater,

\*Information unavailable at press time

both new in a line of vertical flail mowers. The Hammer Knife features fine-cut and coarse-cut knives mounted individually, shielded universal drive shaft, belt and pulley guard and rear trash deflector. Among the Interstater's features are side mounted mowers that can cut level over a 14-inch curb, a separate power unit for each mower and self-contained chaff and clipping exclusion systems.

National Mower Company offers the 68- and 84-inch Triplex mowers. The 68-inch Triplex has free-floating reels which follow turf contours without scalping. Its low center of gravity makes it stable. The 84-inch Triplex will go anywhere a fairway mower can't, according to the maker.



Rogers Mfg. Company, see Jacobsen Mfg. Company

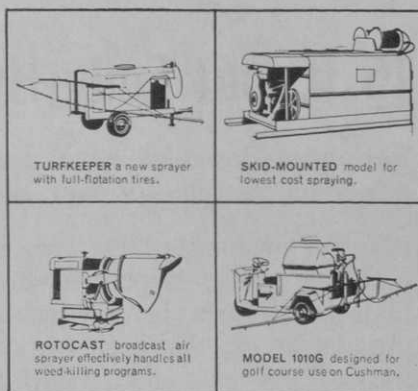
Roseman Mower Corp. introduces its Hydraulic Mower with 11 gangs and a 24-inch cutting swath. It can be used with utility tractors equipped with a hydraulic system.

Ryan Equipment Company makes a line of turf equipment which includes the Greensaire for greens aeration available in two models, the Spikeaire, a power disc spiker with a 25-inch cutting swath and Spread-Rite, a top dresser and fertilizer spreader available in two models. Also in the Ryan line are the Mataway power rake, deep slicer and

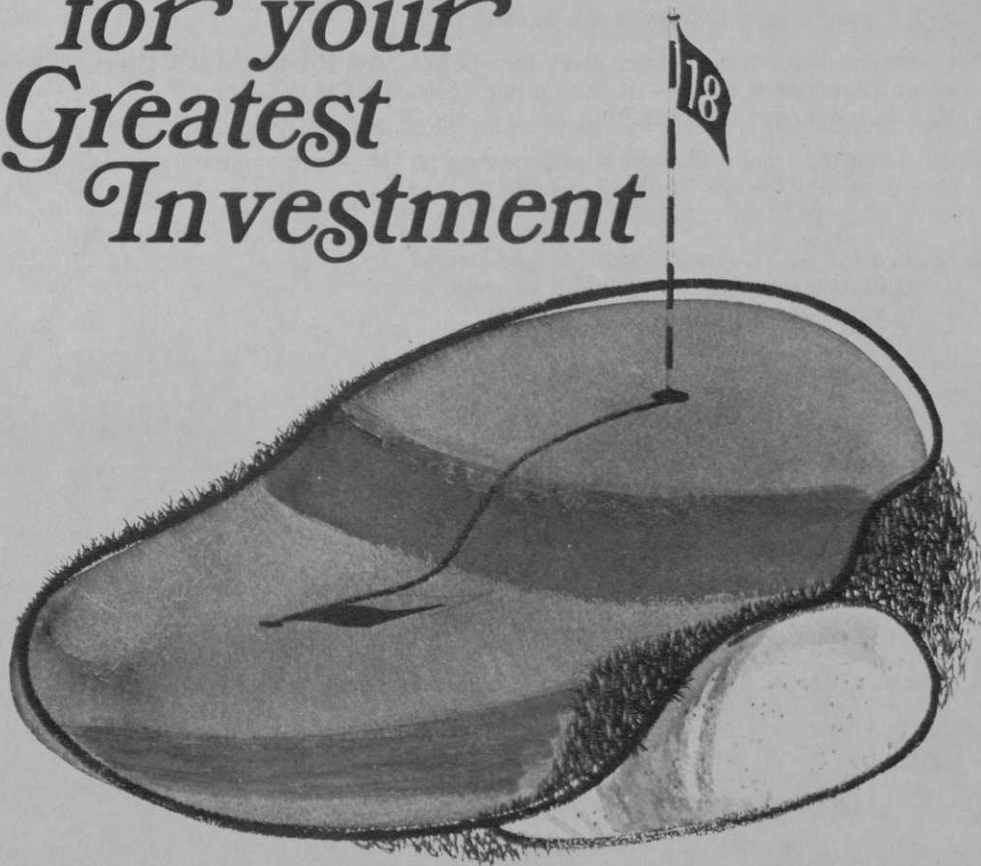


(Continued on page 61)

No question about it, that priceless investment in greens you have needs all the protection you can give it. Such as turf fertilizing, weed control, root-feeding, insect and disease control. This is where John Bean comes in . . . As the largest sprayer manufacturer in the country, John Bean can most closely match your need. Whether you want to stand off some distance from that green—which isn't a bad idea when it comes to avoiding turf damage—and aim a controlled spray from a Rotocast . . . whether you want a boom-type sprayer for your fairways . . . or whether you want to windrow leaves, spray trees and shrubs, pressure-clean other equipment, or eliminate a mosquito problem . . . you'll find a real "pro" in a John Bean sprayer. Call in your John Bean dealer for a demonstration.



# Best protection for your Greatest Investment



POWER SPRAYING EQUIPMENT

**JOHN BEAN**

DIVISION

Lansing, Mich. - Orlando, Fla. - San Jose, Calif.

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# Ransomes know about

## 15 ft. cut Fully-Hydraulic 7-unit Power Gang Mower

Ransomes designers have used hydraulic power successfully for over 20 years.

Plan for profitable large area grass-cutting with Ransomes, the people who know about hydraulic power. The Hydraulic 5/7 has a proven record of a high work output over the last two years and a great record too for rugged reliability under testing conditions.

All gang mowing operations on the 5/7 are handled, hydraulically, with fingertip con-

trol, from the driving seat.

The units are raised and lowered . . . hydraulically. Forward, neutral and reverse reel drive is provided . . . hydraulically. The result is a superb cut every time, and a much easier job for the driver.

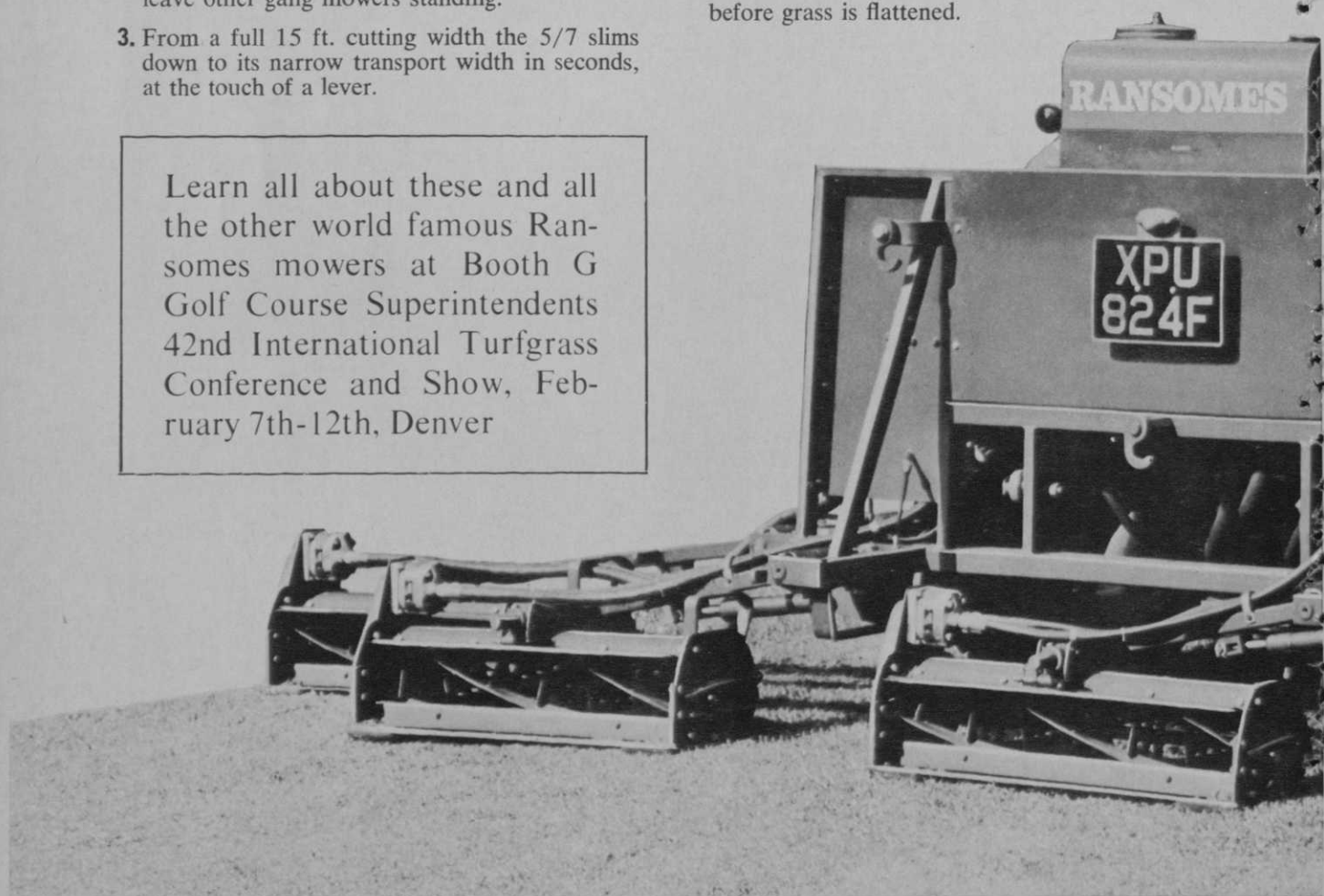
We're proud of the 5/7. It's the biggest step forward in large area grass-cutting for 20 years.

And there's no doubt about it.

### The 5/7 simplifies the driver's job because —

1. Hydraulic direct transmission gives him power where he needs it most — at the cutting reels. Variable cuts per yard from 20 to 75.
2. Providing the tractor can get a grip he can go gang mowing. The 5/7 cuts in conditions that leave other gang mowers standing.
3. From a full 15 ft. cutting width the 5/7 slims down to its narrow transport width in seconds, at the touch of a lever.
4. Reverse drive clears choked reels and allows back lapping.
5. Hydraulic power allows from 1 to 7 units to be used separately or collectively.
6. Units cut in front of the tractor drive wheels before grass is flattened.

Learn all about these and all the other world famous Ransomes mowers at Booth G Golf Course Superintendents 42nd International Turfgrass Conference and Show, February 7th-12th, Denver



# grass cutting...

## NEW GREENS MOWER

Britain's newest, best greens mower for perfect turf grooming. Ten high-speed knives of NEW super-tough, impact-resistant steel, together with an extra-thin bottom blade combine to give the closest possible cut — faster with the Auto-Certes.

Dual drive provides complete mower control.

Power-driven wheels provide rapid, effortless site-to-site transportation.

Brush and comb set and outrigger rolls available.

Powerful whisper-quiet engine starts first time—every time.



To obtain full information of the Ransomes range contact one of these importers: —

Warrens Turf Nursery  
8400 West 111th Street, Palos Park, Illinois USA  
Telephone 312 974-3000  
Importers for the USA

Duke Lawn Equipment  
1184 Plains Road East, Burlington, Ontario  
Telephone 637-5216  
Importers for the Province of Ontario

Morin Equipment Inc.  
2075 Branly (Centre Industrial STE-FOY)  
Quebec 10  
Telephone 418 681-7741  
Importers for the Province of Quebec

Morin Equipment Inc.  
721 Halpern, Dorval, Montreal, Que.  
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Importers for the Province of Quebec  
and the Maritime Provinces

# RANSOMES





# The Red Rider is for the Birds.



*Photo taken at Palmetto-Pine Country Club • Cape Coral, Florida • Victor Correll, Superintendent*

**The Famous Red Rider**—the most-proved, most dependable turf work cart in the land—has been joined by America's best known turf birds ... the LARK, HAWK, CHICKADEE and GOLDEN EAGLE ... the *finest sprayers and equipment* ever to go to work on a golf course. Here's the first team of the turf ... ready to go to work for you!

*Smithco Sprayers formerly manufactured by Thuron.*





**Lark**



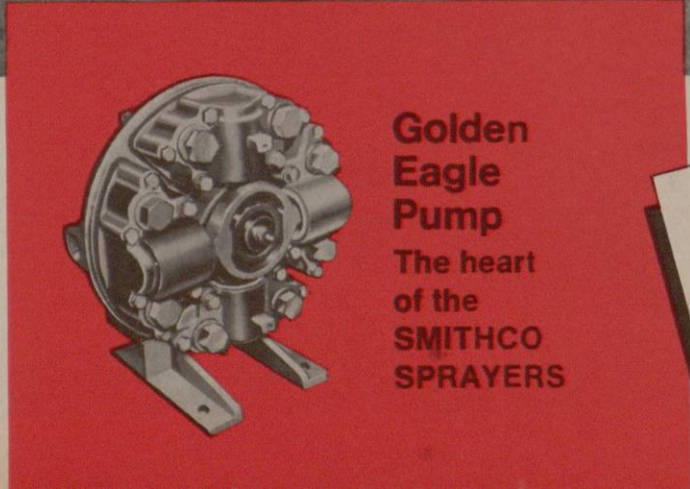
for general spraying

**Hawk**

for fairways

**Chickadee**

for greens



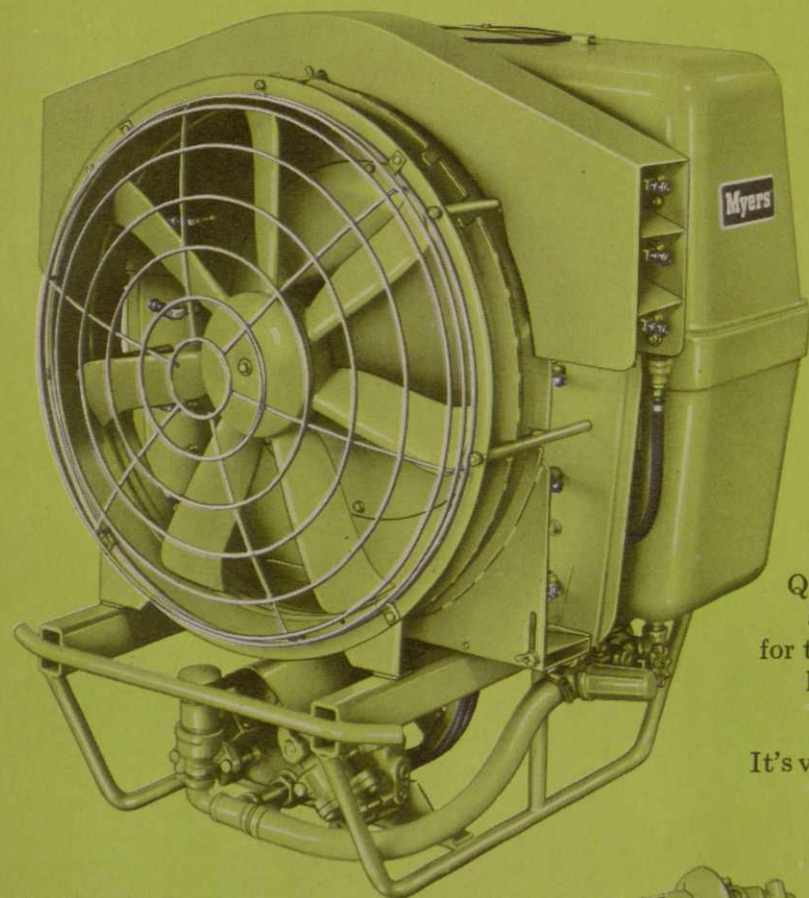
**Golden Eagle Pump**  
The heart of the  
**SMITHCO SPRAYERS**

**SMITHCO inc.**   
11 WEST AVENUE, WAYNE, PA. 19087

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# New Tractor Mounted PTO Air Sprayer

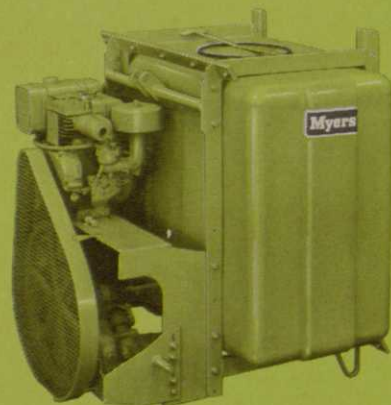
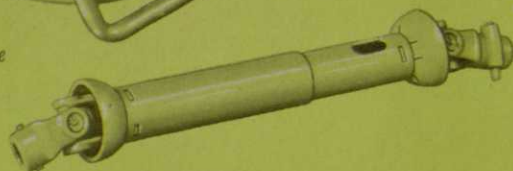


Myers new A32TM "Mity Mist" is a multi-use air sprayer that is ideal for spraying fairways, greens, trees and shrubs. Its features include: rustproof 100 gallon molded synthetic tank, 32" high-velocity fan, exclusive high pressure Du-All piston spray pump and Drive Mist Nozzles for accurate gallonage application.

Quick-change fairway head (F-50) covers 50 ft. swath or can be removed with ease for tree spraying. Unit can also be used with hose and gun for high pressure spraying, cleaning and flooding.

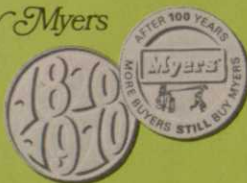
It's versatile, it's economical! See your Myers Sprayer Dealer, or write:

A32TM with F50 Air Case



*After 100 Years...More Buyers Still Buy Myers*

THE F. E. MYERS & BRO. CO.  McNEIL CORPORATION  
400 ORANGE STREET • ASHLAND, OHIO 44805



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New 100ETM Sprayer fits in utility cart beds or mounts on 3-point hitch tractors. 100-gallon polyethylene tank. For boom or gun spray application. Tractor PTO model also available.