



PART OF THE SECURITY IS KNOWING ITS A HIJET.

Introducing the Daihatsu Security Vehicle.

The unique HIJET Security Vehicle from Daihatsu gives you stability, power and performance when you need it. It can even double as a utility vehicle.

The rugged chassis is powered by a whisper-quiet, 3-cylinder, water-cooled, gasoline engine. Unlike electrical vehicles, you never have to plug in and recharge. So Daihatsu's Security Vehicle works 24 hours a day, seven days a week.

You get a 4-speed synchromesh transmission, MacPherson strut type front suspension, 4-wheel braking and a top speed of 25 MPH.

It's so maneuverable, you can make turns in a radius of only 12½ feet. You can drive it over paths designed for golf carts and with its standard turf tires, you can drive across the most tender turf without leaving a mark. Street tires are also available as standard equipment for use on paved surfaces at airports, industrial complexes, parking structures and other locations, like motor-home parks, private residential communities, hotels and resorts.

The enclosed cab offers lots of leg and head room, headrests, a highly visible instrument panel, a moveable spotlight and a heater with defroster. There's also a large, damage-proof tool chest and a durable floor mat in the bed, plus heavy-duty bumpers in the rear for towing and in the front for pushing other vehicles in distress.

For information on the Security Vehicle or the full line of HIJET Multipurpose Utility Vehicles, see your HIJET dealer or call (714) 761-7000.



DAIHATSU
HIJET
Multipurpose Vehicles

You'll think the world of Daihatsu.™



Daihatsu America, Inc.
4422 Corporate Center Dr.
Los Alamitos, CA 90720



Classified by Underwriters Laboratories Inc. as a low hazard only, Type GS industrial truck.

Circle No. 112 on Reader Inquiry Card

Equipment

continued

Hoffco Inc/Comet Industries
Howard Rotavator Co
Solo Inc
Vicon Farm Machinery Inc

Dethatchers

Ariens Co
BlueBird Intl Inc
Brinly-Hardy Co
Brouwer Turf Equipment Ltd
J I Case Outdoor Power Equipment Div
Classen Mfg
Earl J Crane Inc & Assocs
Cushman-Ryan/OMC Lincoln Div
Deere & Co
Deutz-Allis Corp
Ford New Holland Inc
Fuerst Brothers Inc
Gravelly Intl Inc
Hahn Inc
Hoffco Inc/Comet Industries
Howard Rotavator Co
Jacobsen Div
F D Kees Mfg Co
Kinco Mfg
Mathews Co
Middlesworth Engineering & Mfg Inc
Olathe Mfg Inc
R L Parsons & Son (Bomford Center)
Salsco Inc
Vrisimo Mfg Co

Wheel Horse Products Inc
Yard Vac Products Inc

Dozers

Bomford & Evershed Ltd
Deere & Co
Deutz-Allis Corp
Excel Industries Inc
Grasshopper Co
Ingersoll Equipment Co

Drainage Tubing

Advanced Drainage Systems Inc
Cambridge Soil Services of America Inc
Hancor Inc
LESCO Inc
Warren's Turf Nursery Inc

Drills

Bush Hog
Feldmann Engineering & Mfg Co
Hoffco Inc/Comet Industries
JISCO
Stanley Hydraulic Tools

Dusters

B & G Equipment Co
Green Machine

Maruyama US Inc
D B Smith & Co
Southern Mill Creek Products Co
Trebtor Corp
Woodstream Corp

Edgers

Ames Co
Bunton Co
Earl J Crane Inc & Assocs
Deere & Co
Excel Industries Inc
Green Machine
Hoffco Inc/Comet Industries
Jacobsen Div
Steiner Corp
Tanaka USA
Turfco Mfg Inc
Wheel Horse Products Inc

Edging, Lawn

Oly-Ola Sales Inc
Plastics Div Eberhart Steel Products

Engine Parts

Briggs & Stratton Corp
Bunton Co

Olathe

**DISC CHIPPER FOR
PROFESSIONAL USERS**



MODEL 986. Compare its 42" diameter drum, hydrostatic drive for variable feed speed, 15° curbside angle for operator safety and 360° swivel chute. Gas or diesel — you'll buy Olathe.

Write or call your local Olathe/Toro commercial dealer for a free demo or call Olathe toll-free 1-800-255-6438.

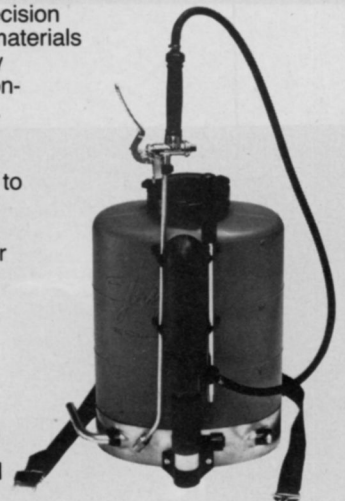
OLATHE MANUFACTURING, INC.
100 INDUSTRIAL PKWY, INDUSTRIAL AIRPORT, KS 66031
1-800-255-6438 • 913-782-4396



*Now the Best
is even Better!*

BIRCHMEIER Backpack Sprayers Fit Any Size Person Instantly!

New scuba-type straps adjust quickly and easily to fit any size person. Lightweight and well-balanced with operator comfort in mind. This UV treated polyethylene tank has precision components of the best materials available. Pump assembly is external to minimize contact with corrosive liquids. The trigger control is the best of its kind, made of solid brass and designed to last a lifetime. Birchmeier Backpack Sprayers have proved their worth all over the world.



**TREBOR
CORPORATION**

4045-A Jonesboro Road
Forest Park, GA 30050
404/366-0957
Telex 759-353

outside Georgia 1-800-331-1449

Circle No. 144 on Reader Inquiry Card

Circle No. 164 on Reader Inquiry Card

Turf-Seed's

CITATION II

contains naturally pest resistant endophyte

... a fungus that occurs within plant tissue between the cells.

New turf breeding discovery proves resistance to bill bugs, sod webworm, and other pests without harmful chemicals!



Left, insect damage in perennial ryegrass. Right, endophytic ryegrass resists insect pests.

CITATION II Turf-Type Perennial Ryegrass

is well known for its rapid establishment, fine texture, dark green color, improved mowability and drought tolerance, both in a monostand or as part of CBS II blend. But, the REAL plus is Citation II's high endophyte level (over 80%) that make it naturally resistant to leaf eating insects.

This plus results in savings . . . in chemical costs to maintenance people and less exposure to insecticides for applicators, homeowners, golfers and picnickers.

Citation II is not only an investment in finer turf, but it's a savings account for turf managers . . . and our delicate planet.

PVP 8400142. Unauthorized propagation prohibited.



Black lines are endophyte mycelium in leaf tissue.



Magnified endophyte in seed.

Qualified turf grass associations can earn cash for turf research by saving Citation II Oregon certified blue tags. Call us or write for details.



Produced and marketed by:

Turf-Seed, Inc.

PO Box 250, Hubbard, OR 97032
Outside Oregon 1-800-247-6910
503-981-9571 TWX 510-590-0957
FAX 503-981-5626

Equipment

continued

Earl J Crane Inc & Assocs
DOB Distributors Inc
Kohler Engine Div
LESCO Inc
Power Lawnmower Parts Inc
Strong Enterprises Inc
Tecumseh Products Co
Teledyne Total Power

Engines

Briggs & Stratton Corp
Earl J Crane Inc & Assocs
Deere & Co
DOB Distributors Inc
Ford New Holland Inc
Kawasaki Motors Corp USA
Kohler Engine Div
LESCO Inc
Professional Turf Mfg
Strong Enterprises Inc
Tecumseh Products Co
Teledyne Total Power

Erosion Control Blocks

Presto Products Inc

Erosion Control Fabric

Advanced Drainage Systems Inc
Atlantic Construction Fabrics Inc
BASF Corp Fibers Div
E I DuPont de Nemours & Co
Exxon Chemical Americas
Jonathan Green Inc
North American Green Inc
Presto Products Inc
Warren's Turf Nursery Inc

Fertilizer Injectors

Aquatrols Corp of America Inc
Doggett Corp

Encap Products Co
Inject-O-Meter Mfg Co
LESCO Inc
J J Mauget Co
Moyer & Son Inc
Nature's Touch
Smith Precision Products
Westheffer Co

Filters, Sand

Claude Laval Corp

Foggers

B & G Equipment Co
Solo Inc
Southern Mill Creek Products Co
Trebtor Corp

Forklifts

Bomford & Evershed Ltd
Brouwer Turf Equipment Ltd
Deere & Co
Ford New Holland Inc
Guest Industries Inc
Ingersoll Equipment Co
Raymond Corp
Waldon Inc

Generators

Earl J Crane Inc & Assocs
Howard S Crane Inc
Deere & Co
Fairmont Hydraulics
Homelite Div
Kohler Engine Div
Kubota Tractor Corp
Shindaiwa Inc
Tanaka USA
Winco/Energx Corp

Geotextiles

BASF Corp Fibers Div
Exxon Chemical Americas
Hoechst Celanese Corp
Phillips Fibers Corp
Warren's Turf Nursery Inc

Golf Cars

Club Car Inc
Cushman-Ryan/OMC Lincoln Div
E-Z-GO Textron
Melex USA Inc
Noland Car Co
Professional Turf Mfg
Trojan Battery Co

Golf Course Accessories

J A Cissel Mfg Co
Country Mfg Inc
Earl J Crane Inc & Assocs

FXG Corp
Jonathan Green Inc
LESCO Inc
Standard Golf Co
Westheffer Co

Grass Pavers

Presto Products Inc

Hose & Reels

Agrotec Inc
Ames Co
Arborchem Products Co
Broyhill Co
Encap Products Co
Jonathan Green Inc
Clifford B Hannay & Son Inc
Kuker Industries
LESCO Inc
Professional Turf Mfg
Southern Mill Creek Products Co
Spraying Devices Inc
Strong Enterprises Inc
Tufflex Mfg Co
Westheffer Co

Irrigation Systems & Supplies

AMETEK/Plymouth Products Div
Barebo Inc/Otterbine
Buckner Irrigation
Earl J Crane Inc & Assocs
Franklin Electric
Hunter Industries
Irri-Trol Mfg Inc
LESCO Inc
Master Mfg Co
Motorola Control Systems
Nalco Chemical Co
Pierce Corp
Progressive Electronics Inc
Rain Bird Sales Inc
Toro Co
Toro Co Irrigation Div
Weather-matic

Lighting Systems

Rain Bird Sales Inc

Litter Receptacles

Friend Mfg Corp
Jonathan Green Inc
Landscape Structures Inc
LESCO Inc
Standard Golf Co

Loaders

American Trencher Inc
Atwater Strong Inc
Bomford & Evershed Ltd
Bush Hog
J I Case Outdoor Power Equipment Div
Charles Machine Works Inc (Ditch Witch)

New!

**WR-20
Auto-Dump™**



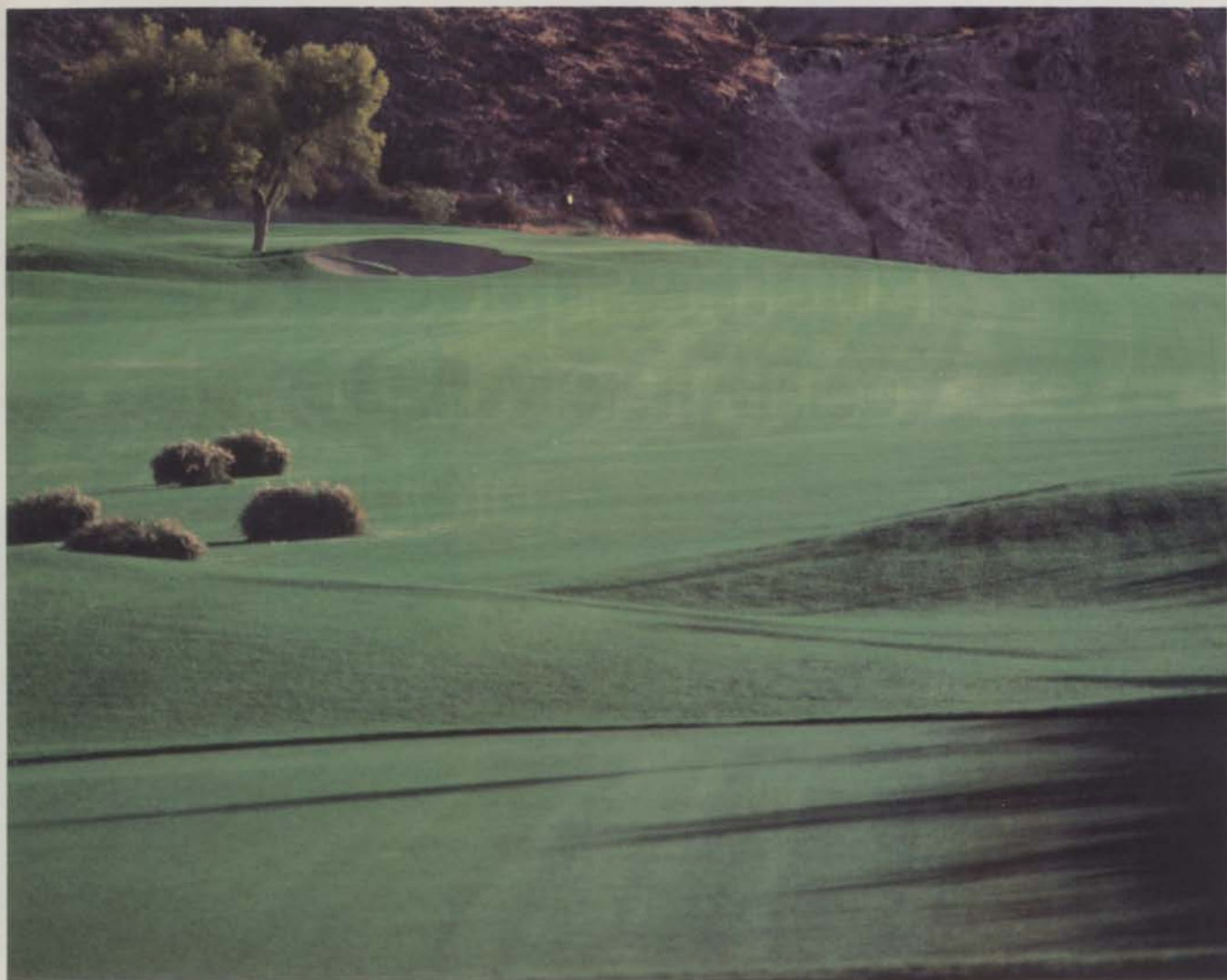
Pat. Pend.

- Easy one lever control
- Front end loader features at much less cost

**WESTENDORF
AUTO-DUMP™**

P.O. Box 29 • Onawa, IA 51040
Phone (712) 423-2762

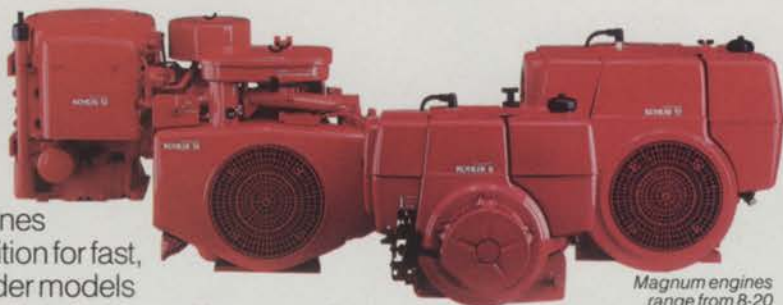
Circle No. 168 on Reader Inquiry Card



FOR THIS YOU NEED A MOWER WITH MORE THAN JUST YOUR AVERAGE GARDEN VARIETY ENGINE.

For a job like this you need an engine you can depend on. You need a Kohler Magnum engine.

All Magnum engines feature electronic ignition for fast, sure starts. Twin cylinder models include full pressure oil lubrication, with automotive-type oil filters. Additional features include dual element air cleaning, PosiLock™ connecting rod cap, optional Oil Sentry™ low oil sensing and a two year warranty that covers commercial use.



Magnum engines range from 8-20 H.P. in horizontal and vertical shaft designs.

We designed Magnum engines to require fewer service parts and less routine maintenance, so your equipment will spend less time in the shop and more time on the turf.

To find out how you can benefit by having Magnum engines on your equipment contact: Kohler Engine Division, Kohler Co., Kohler, WI 53044, 414-457-4441.

KOHLER
engines

Built for a hard day's work.

Put the squeeze on
container disposal
problems.

*Trademark of The Dow Chemical Company



DURSBAN*

50W Insecticide Water Soluble

With some insecticides, it's harder to get rid of the empty container than the bugs. Now Dow makes everything easier, with DURSBAN® 50W insecticide in water soluble packets.

Water-soluble packaging. DURSBAN 50W comes in pre-measured packets that dissolve quickly and completely. They're packed inside a foil pouch, which is disposed of easily.

It's simple. It's safe. Just drop the premeasured packets into the tank. No chance of spills, no wasted chemical, no measuring errors, less risk of exposure.

All that, and efficacy, too. No insecticide controls a broader spectrum of turf and ornamental insects than DURSBAN insecticide. And as a wettable powder, DURSBAN 50W has even more residual power than emulsifiable concentrates. There's no solvent, so there's no vaporizing or "flash-off" even on the hottest days. DURSBAN 50W stays where you apply it—won't migrate in the soil. And it has a proven human safety record.

Choose your package. DURSBAN 50W comes in water-soluble packets enclosed in one-pound foil pouches.

You can also get DURSBAN 50W insecticide in 2-lb. fiber containers.

Put the squeeze on container disposal problems—and on bugs. With DURSBAN 50W insecticide.

Attention: Always read the label before use and carefully follow all label directions and precautions.



DURSBAN® 50W

Circle No. 115 on Reader Inquiry Card

Equipment

continued

Howard S Crane Inc
Deere & Co
Deutz-Allis Corp
Engineering Products Co (Power King)
Ford New Holland Inc
Ingersoll Equipment Co
Kubota Tractor Corp
Massey-Ferguson Inc
Melroe Co
Steiner Corp
Strong Mfg Co
Waldon Inc
Westendorf Mfg Co

Loading Ramps

American Road Equipment Co
Giant-Vac Mfg Inc
Magline Inc
Melcher Mfg Co
Salsco Inc

Log Splitters

Bush Hog
J I Case Outdoor Power Equipment Div
Deere & Co
Didier Log Splitters
FXG Corp
Giant-Vac Mfg Inc
Ingersoll Equipment Co

Lindig Mfg Corp
Morbark Industries Inc
Promark Products Inc
Vermeer Mfg Co

Markers, Field

International Reforestation Suppliers
Precision Laboratories Inc
Richway Industries Ltd
Westheffer Co

Measuring Wheels

Gandy Co
LESCO Inc
Professional Turf Mfg
Strong Enterprises Inc
Westheffer Co

Mist Blowers

Agrotec Inc
Broyhill Co
Howard S Crane Inc
Friend Mfg Corp
Green Machine
Homelite Div
Maruyama US Inc
Rigo Co

Solo Inc
Strong Enterprises Inc
Tanaka USA
Trebtor Corp
Westheffer Co

Mower Accessories

Ariens Co
Bolens Corp
Earl J Crane Inc & Assocs
Cushman-Ryan/OMC Lincoln Div
Deere & Co
Deutz-Allis Corp
Engineering Products Co (Power King)
Grasshopper Co
Hoffco Inc/Comet Industries
Jacobsen Div
LESCO Inc
Scag Power Equipment Inc
Simplicity Mfg Inc
Snapper Power Equipment
Toro Co

Mower Parts

Ariens Co
Bolens Corp
Bunton Co
Earl J Crane Inc & Assocs
Deere & Co
Deutz-Allis Corp
Engineering Products Co (Power King)
Hoffco Inc/Comet Industries
Lawnboy Product Group
LESCO Inc
MoTrim Inc
National Mower Co
Power Lawnmower Parts Inc
Ransomes Inc
Snapper Power Equipment
Toro Co
Vrisimo Mfg Co

Mowers, Flail

Bomford & Evershed Ltd
Bush Hog
Earl J Crane Inc & Assocs
Howard S Crane Inc
Dandl Mfg Co
Deere & Co
Engineering Products Co (Power King)
Ford New Holland Inc
Gravely Intl Inc
Jacobsen Div
Mathews Co
Middlesworth Engineering & Mfg Inc
MoTrim Inc
Mott Corp
National Mower Co
R L Parsons & Son (Bomford Center)
Steiner Corp
Toro Co
Vrisimo Mfg Co
Woods Div
Yazoo Mfg Co

Mowers, Reel

Brouwer Turf Equipment Ltd
Earl J Crane Inc & Assocs



SIGNAL™
SPRAY COLORANT...
NOW YOU CAN SEE
WHERE YOU
SPRAY!

Circle No. 148
on Reader Inquiry
Card

See your turf dealer. If he doesn't carry SIGNAL,
call or write for information and a trial sample.

 **PRECISION LABORATORIES, INC.**
P.O. Box 127 • Northbrook, IL 60065
312-498-0800 • 800-323-6280

INTRODUCING SCAG'S FULL LINE OF COST CUTTERS.

Scag offers a full line of money-saving, low-maintenance commercial riders and walkers tough enough to handle all your jobs. Scag's simple, self-service design allows for on-site tire changes, replacement of spindle bearings and other repairs at a fraction of the usual time and expense. This means Scag mowers can cost up to 25% less to maintain than comparable models.

What's more, when you save with Scag you don't sacrifice performance. Scag machines cut faster than most compe-

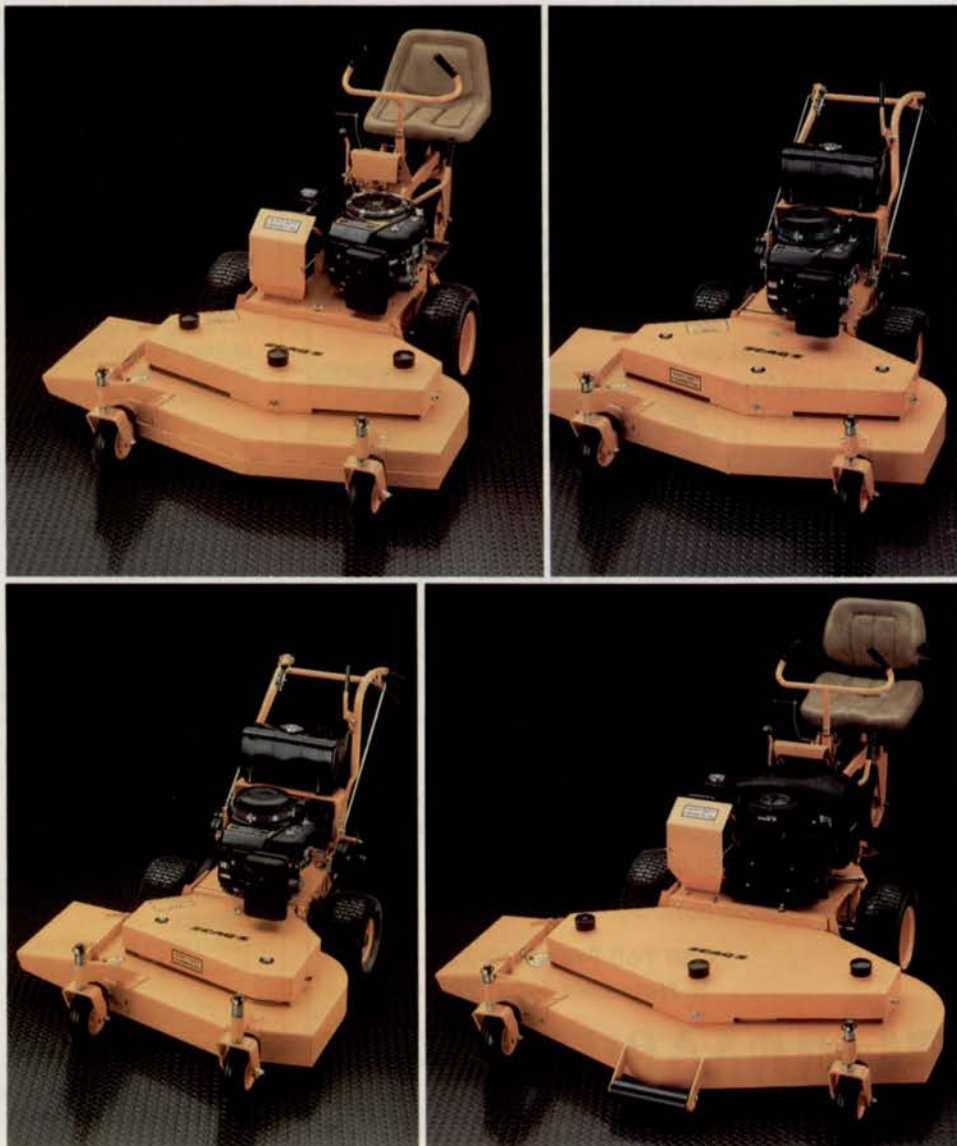
titive brands and give you a manicure finish cut every time. Scag mowers are built from the highest quality parts and materials, like oversize cast iron pulleys, heavy-duty spindles and rugged pneumatic caster wheels. So, they'll outlast as well as outperform ordinary mowers.

Boost your bottom line with Scag's profit line of riders and walkers from 8- to 18-HP models with 32 to 61 inch cutting widths. See for yourself why no mower is easier to use than Scag.

**W226 N900 Eastmound Drive
Waukesha, WI 53186
Phone: (414) 544-4090**

SCAG POWER EQUIPMENT

IT SIMPLY COSTS LESS. AND CUTS MORE.



Circle No. 153 on Reader Inquiry Card

Equipment

continued

Dandl Mfg Co
Deere & Co
Engineering Products Co (Power King)
Ford New Holland Inc
Jacobsen Div
LESCO Inc
Locke Mfg Inc
National Mower Co
R L Parsons & Son (Bomford Center)
Howard Price Turf Equipment
Ransomes Inc
Roseman Mower Corp
Steiner Corp
Toro Co

Mowers, Rotary

Ariens Co
Bolens Corp
Bunton Co
Bush Hog
J I Case Outdoor Power Equipment Div
Earl J Crane Inc & Assocs
Howard S Crane Inc
Cushman-Ryan/OMC Lincoln Div
Deere & Co
Deutz-Allis Corp
Dixon Industries Inc
Engineering Products Co (Power King)
Excel Industries Inc

Exmark Mfg Co
Ford New Holland Inc
Giant-Vac Mfg Inc
Grasshopper Co
Gravely Intl Inc
Grazer Div
Heckendorn Mfg Co
Homelite Div
Ingersoll Equipment Co
Jacobsen Div
F D Kees Mfg Co
Kubota Tractor Corp
Kut-Kwick Corp
Lawnboy Product Group
Massey-Ferguson Inc
Middlesworth Engineering & Mfg Inc
MoTrim Inc
R L Parsons & Son (Bomford Center)
Howard Price Turf Equipment
Ransomes Inc
Sarlo Power Mowers Inc
Scag Power Equipment Inc
Sensation Div
Simplicity Mfg Inc
Snapper Power Equipment
Steiner Corp
Toro Co
Vicon Farm Machinery Inc
Wheel Horse Products Inc
Woods Div
Yazoo Mfg Co

Mowers, Sickle Bar

Earl J Crane Inc & Assocs
Ford New Holland Inc
Gravely Intl Inc
Kinco Mfg
Massey-Ferguson Inc
MoTrim Inc
Solo Inc

Mulchers, Hydraulic

Bowie Industries Inc
Deere & Co
Finn Corp
Goossen Industries & Construction
Jonathan Green Inc

Netting

J A Cissel Mfg Co
Jonathan Green Inc

Nozzles & Accessories

Agrotec Inc
Broyhill Co
Buckner Irrigation
Friend Mfg Corp
Hahn Inc
Hypro Corp
Kuker Industries
LESCO Inc
Maruyama US Inc
Professional Turf Mfg
D B Smith & Co
Spraying Devices Inc
Strong Enterprises Inc
Trebort Corp
Westheffer Co

Picnic Tables

American Playground Device Co
BigToys
Playworld Systems

Pipe

Advanced Drainage Systems Inc
Hancor Inc
LESCO Inc
Professional Turf Mfg

Play Structures

American Playground Device Co
BigToys
Landscape Structures Inc
Playworld Systems

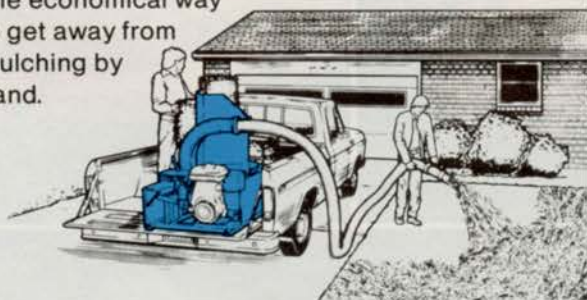
Plows, Sand Trap

Earl J Crane Inc & Assocs
Dedoes Industries Inc
Jacobsen Div

THE MULCHING SOLUTION

The Goossen Bale Chopper -

The economical way
to get away from
mulching by
hand.



Shreds straw (and many other materials) in seconds,
and blows it where you want it. Covers large areas
quickly, yet fills in tight spots easily.

Now with electric start, electric clutch. Improved
blower boosts efficiency 20% (upgrade kits
available for earlier models).

Great for erosion control.

Call Toll Free 800-228-6542
In Nebraska, (402) 228-4226

Goossen INDUSTRIES

P.O. Box 705 * Beatrice, Nebraska 68310

Circle No. 125 on
Reader Inquiry
Card