

One tree doesn't make a Woods

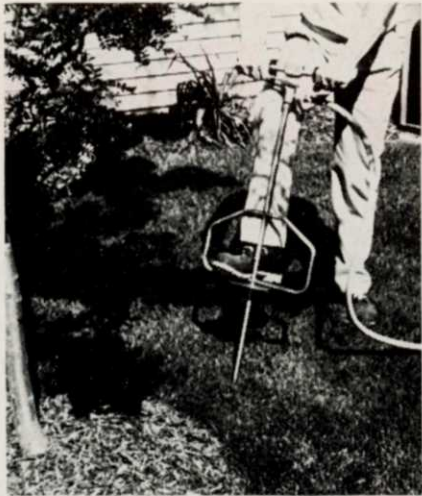


Nor does just one product. That's why when Woods introduced the world's first successful tractor powered rotary shredder back in 1947, they didn't rest on their laurels. Instead, they continued to apply outstanding engineering expertise producing equipment packed with performance, reliability and value. The results: a line-up of over 50 different products including mowers, cutters, rear scraper blades, backhoes and specialty machines. The best that money can buy.

Find out all about these proven performers. Send for your free copy of Woods' latest Full Line Catalog today.

Division of Hesston Corporation
Oregon, Illinois 61061





root injection of water-soluble fertilizers, insecticides and iron products.

The feeder operates with high volume equipment with 150-200 psi. The feeder fits on 1/2-inch hose and injects nutrients or insecticides into the plant's root zone.

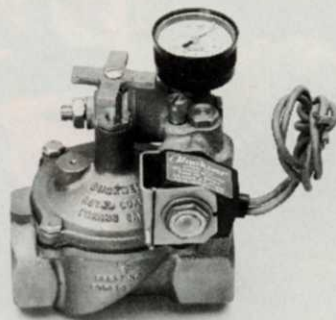
The hole at the end of the replaceable tip permits quick penetration of the turf. A splash plate protects the operator, who can operate the unit either right- or left-footed.

Tip, shaft and handle are stainless steel, with rubber grips on the

handle for comfort.
Circle No. 211 on Reader Inquiry Card

Brass valves regulate pressure on irrigation

Buckner's 20120 (pictured) and 20130 Series pressure regulating brass valves reduce and regulate pressures in commercial and golf course irrigation systems for precise application control.



The valves have no side-mounted external regulators. All porting is designed internally within a bronze casting that fits on top of the valve.

A manual operator that features no

external bleeding plus pressure regulation allows installers to set the downstream pressure at the valve without electric power.

Valves are available in 3/4-inch through 3-inch sizes with a field stainless pressure gauge mounted on each valve in the 20120 Series or a Schrader Valve from remote pressure settings on the 20130 Series. Outlet pressures can be set from 10 to 100 psi with flows as low as 1 gpm.

Circle No. 212 on Reader Inquiry Card

Natural turf product solves turf problems, feeds grass

Turf Restore from the Ringer Corp. is an all-natural problem solver for golf courses, resort and residential turf managers and independent lawn care operators.

Turf Restore eliminates conditions in which patch diseases occur, reducing thatch buildup and feeding turf with natural slow-release fertilizers.

Turf Restore uses soil organisms and natural enzymes to eliminate pathogens causing fusarium, necrotic ring spot, brown patch and other diseases. It also helps break down thatch by speeding natural decomposition.

Take Aim on Crabgrass and Goosegrass with



ACCLAIM!® 1EC Herbicide Brings High Technology Down to Earth!

Acclaim is the only truly selective postemergence herbicide that eliminates warm season grassy weeds in cool season turf grasses.

New Chemistry for Superior Performance!

Acclaim translocates from the site of contact to the heart of weed growth – cleanly decomposing the entire weed after 21 days. Acclaim has no residual soil effect, and avoids the turf injury problems associated with other postemergence herbicides.

Hoechst-Roussel Agri-Vet Company
 Route 202-206 North • Somerville, New Jersey 08876

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Circle No. 213 on Reader Inquiry Card

Walk-behind is company's first commercial mower

Honda enters the commercial mower market this year with the HRA216SXA walk-behind lawn mower. The unit is self-propelled, with a 5.5 hp overhead valve engine, cutting a 21-inch swath.

It is equipped with a two-speed

transmission with a higher ground speed to shorten mowing time. Honda's Roto-Stop system, which stops the blade but not the engine with the release of a handle, is also standard.

The HRA216SXA has a heavy-duty steel deck, large diameter steel wheels with sealed ball bearings and a five-interval adjustable cutting height ranging from one to three inches. The rear-mount grass catcher holds 2.1 bushels.



Circle No. 214 on Reader Inquiry Card

Steep slopes no problem with powerful new mower

The Super Slopemaster from Kut-Kwick

Corp. is designed to safely and efficiently mow steep slopes as well as flat areas with heavy-duty 34 hp gasoline or 35 hp



diesel water-cooled engines.

Both engines have patented safety and performance features of existing Slopemaster series models.

Circle No. 215 on Reader Inquiry Card

Rider comes equipped with dual hydro axle

Walker Manufacturing has introduced a gear case axle drive developed for the Walker mower.

Until now, dual hydrostatic mowers have used chain drive or hydraulic wheel motors to independently drive wheels; both approaches require maintenance and may cause downtime.

With the new all-gear axle, the hy-



1EC HERBICIDE

One Application Does It!

When applied thoroughly to non-drought-stressed grassy weeds from 3 leaves to 3 tillers in size, chances are once is all you'll need!

Apply to fine or tall fescue, perennial ryegrass, and Kentucky bluegrass.

Take Aim on crabgrass, goosegrass, barnyard grass, foxtail species, Panicum species and Johnson grass.

Circle No. 118 on Reader Inquiry Card

Reseeding and Mowing Convenience!

Fescues and ryegrass can be overseeded immediately following Acclaim application. Bluegrass can be overseeded after 21 days. And mowing just 24 hours after Acclaim application won't reduce efficacy.

Great Turf Deserves Acclaim!

As a professional, you take pride in having and maintaining lush green turf throughout the season. Acclaim can help you get the acclaim you deserve!

For information, contact your distributor or your local Hoechst-Roussel Agri-Vet Company representative.



Hoechst 
Roussel 

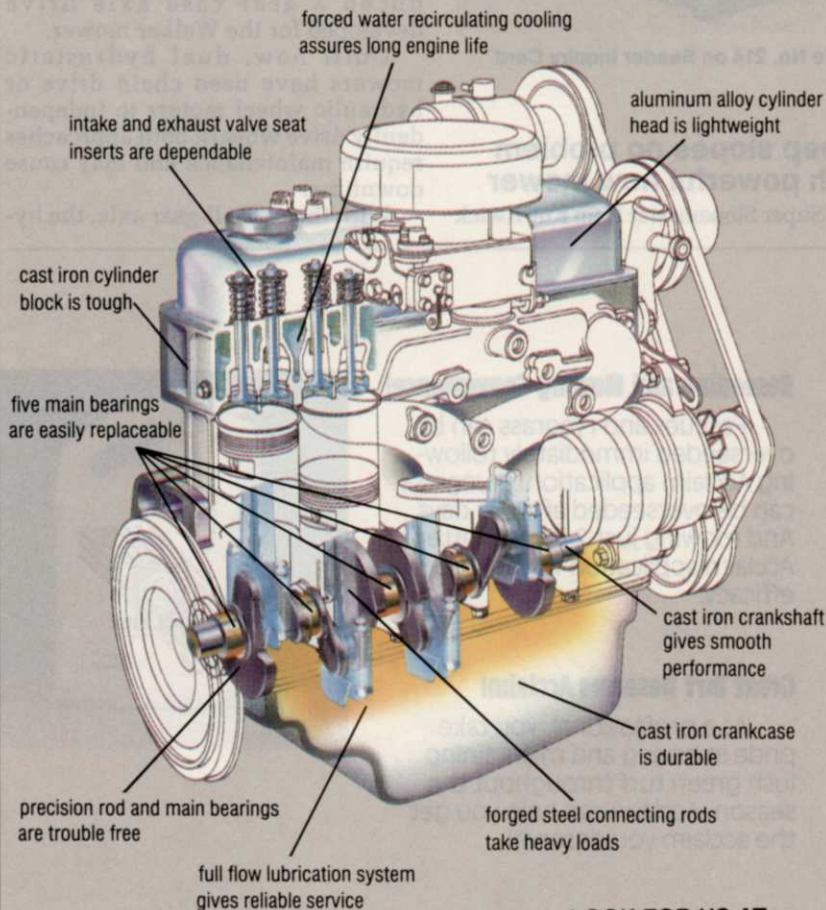
10 reasons why you should ask for a Continental R-Series engine

High performance, long life design — that's what the Continental R-Series liquid-cooled engines from Teledyne Total Power can offer you.

Take a look at the counter-weighted spheroidal cast iron crankshaft with five main bearings and forged steel connecting rods...right down to the cast iron cylinder block and crankcase, you can depend on the quality to keep up with your

equipment.

Ask for Continental R-Series engines from Teledyne Total Power, with over 5,000 distributors and service centers in over 90 countries ready to serve you. Send for your free "Reasons Why" brochure today: Teledyne Total Power, P.O. Box 181160, Memphis, TN 38181-1160, 901/365-3600, Telex: 462-1058 (ITT)



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R-11/14

drostatic transmission bolts directly to the gear case, providing a sealed drive that is simple, rugged and main-



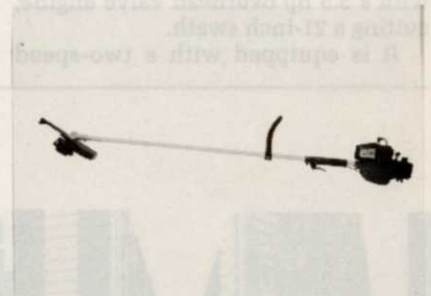
tenance-free. The gear drive will be installed on the 1988 commercial model Walker mower. It will be optional on the standard model.

Circle No. 216 on Reader Inquiry Card

More powerful line trimmer tackles weeds and brush

The XR-125 straight shaft gas-powered trimmer-brushcutter from Weed Eater features a two-cycle, 22.2cc power head for tough jobs.

The 14-pound trimmer also features an 18-inch cutting width, a solid



steel straight drive shaft with gear reduction, padded shoulder strap for comfort and an automatic line advance. An optional eight-inch brush blade kit is also available.

Circle No. 217 on Reader Inquiry Card

Lawn Vac collector is rear-mounted

Mower operators can now pick up debris and trimmings while mowing without sacrificing zero-turning ra-



Circle No. 139 on Reader Inquiry Card



Agile as a cat

Jacobsen Turfcut II gives you
all the moves for quality cutting.

Get the agile machine with the moves of a cat. Get a fast-moving, clean-cutting Jacobsen Turfcut II*.

Featuring smooth power steering, four-wheel wide-track stability, and hydrostatic traction. A touch with your right foot delivers variable speed for precise maneuverability . . . the left pedal raises or lowers implements hydraulically for easy transport.

The heart of the Turfcut II is a rugged 23-hp, 51.6 cu. in., 4-cylinder,

liquid-cooled Continental gasoline engine. And our special dual-screened radiator assures cleaner, cooler engine operation. With a warning system to alert the operator when screens need cleaning—for longer engine life.

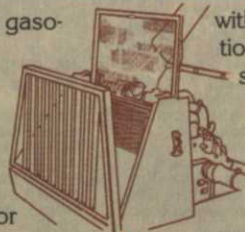
Superior rotary-deck performance delivers a quality cut on all types of turf. And, the Turfcut's mechanical or hydraulic PTO drive,

with a wide implement selection, gives you a year 'round system.

For speed and maneuverability, pounce on the Turfcut II. It's agile as a cat.

Jacobsen Division of
Textron Inc.,
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*Choose from five models, diesel and gasoline, with three-wheel or four-wheel configurations and a variety of deck sizes.



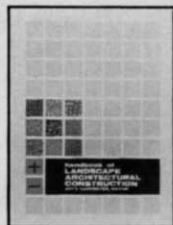
JACOBSEN
TEXTRON

Jacobsen Division of Textron Inc.

Engineered from the ground up.

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345 - COST DATA FOR LANDSCAPE CONSTRUCTION 1987
Kathleen W. Kerr, Editor
 An updated unit cost data reference for designers and cost estimators. Developed to fill the tremendous need for detailed landscape construction cost data. Laid out in easy-to-use CSI format. Annual **\$32.00**

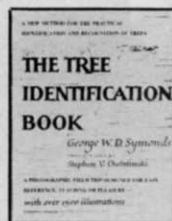
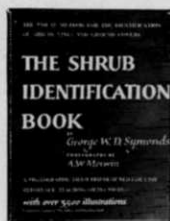
350 - HANDBOOK OF LANDSCAPE ARCHITECTURAL CONSTRUCTION
edited by Jot Carpenter
 A practical how-to reference on landscape construction. Published by the Landscape Architecture Foundation, the book carries the expertise of more than 25 landscape professionals. **\$45.00**

300 - LANDSCAPE DESIGN: A PRACTICAL APPROACH
by Leroy Hannebaum
 Geared for the commercial designer/salesperson, this is a one-stop guide to the landscape design process. Covers the entire highly competitive field including design analysis techniques, pointers on land forms, specialized business landscaping methods, environmental design guidelines, specifications, estimations, bids. **\$33.95**

370 - LANDSCAPE OPERATIONS: MANAGEMENT, METHODS & MATERIALS
by Leroy Hannebaum
 An in-depth examination that combines technical training in landscape science with methods of accounting, business management, marketing and sales. Discusses effective methods for performing lawn installations, landscape planting and maintenance. Step-by-step accounting calculations are explained in simple terms. **\$31.95**

365 - LANDSCAPE PLANTS IN DESIGN
by Edward C. Martin
 An annotated photographic guide to the design qualities of ornamental plants and their aesthetic and functional use in landscape designing. Over 600 trees, shrubs, vines, ground covers and turfgrasses are described in nontechnical language. Over 1900 photographs. Provides a basis for selecting the best plant materials for any particular use in landscape design. Contains detailed indexes that provide quick reference to particular design qualities and growing conditions. **\$55.00**

375 - RESIDENTIAL LANDSCAPES
by Gregory M. Pierceall
 An excellent reference for individuals involved in the design and development of plantings and constructed features for residential sites. Illustrations and actual residential case study examples are used to communicate graphic, planning and design concepts which are the focus of this text. **\$36.95**



665 - ARBORICULTURE: THE CARE OF TREES, SHRUBS AND VINES IN THE LANDSCAPE
by Richard W. Harris
 Provides comprehensive coverage of complete planting, site analysis, preparation and special planting methods, fully detailed coverage of fertilization, irrigation and pruning guidelines on preventative maintenance, repair and chemical control, how-tos of diagnosing plant problems, practical data on non-infectious disorders, diseases, insects and related pests and pest management. **\$47.95**

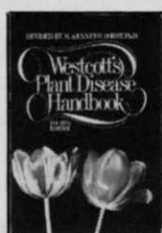
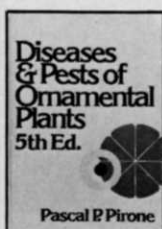
720 - SHRUB IDENTIFICATION
by George Symonds
 Pictorial key to identify shrubs. Contains more than 3,500 illustrations to check specimens. Popular and botanical names are given for each shrub and handy index tabs for quick reference. **\$12.95 paperback**

750 - TREE IDENTIFICATION
by George Symonds
 Pictorial reference to identifying trees by checking leaves, buds, branches, fruit and bark. Like its sister publication, SHRUB IDENTIFICATION, popular and botanical names are listed with index tabs for easy reference. **\$14.95 paperback**

760 - TREE MAINTENANCE
by Pascal Pirone
 The fourth edition of this guide for anyone involved in the care and treatment of trees. Special sections on tree abnormalities, diagnosing tree troubles, non-parasitic injuries and assessing the suitability of different trees. **\$49.95**

565 - WEEDS
by Walter Muenscher
 Second edition. Premier text for identification and basic natural history for seeds found in the continental United States and Canada. Ecological data on weed biology combined with excellent keys and plant descriptions make this an essential reference book. **\$39.95**

405 - WOODY ORNAMENTALS
by Partyka, Joyner, Rimeispach, Carver
 Illustrates plant identification characteristics. Organized in two basic sections: plant identification and plant disorders, this text utilizes 430 color photos, 430 line drawings and 45 black and white photos to simplify identification. **\$32.50**



410 - DISEASES & PESTS OF ORNAMENTAL PLANTS
by Pascal Pirone
 This standard reference discusses diagnosis and treatment of diseases and organisms affecting nearly 500 varieties of ornamental plants grown outdoors, under glass or in the home. Easy to understand explanations of when and how to use the most effective fungicides, insecticides and other control methods. **\$34.95**

690 - INSECTS THAT FEED ON TREES AND SHRUBS
by Johnson and Lyon
 Essential information for identifying more than 650 insect pests and the injuries they cause. More than 200 color illustrations. **\$49.50**

570 - WESTCOTT'S PLANT DISEASE HANDBOOK
by Kenneth Horst
 This fourth edition offers professionals the latest diagnostic and disease control information. Plant entries designed to simplify diagnosis, plus background on the classification of plant pathogens. This handbook gives a specific description of each disease, susceptible plants, specific symptoms of the disease, reported locations and control measures for each disease and their side effects. **\$41.95**

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LANDSCAPE MANAGEMENT

NOVEMBER 1987

This card expires

Jan. 15, 1988

MY PRIMARY BUSINESS AT THIS LOCATION IS:
(PLEASE CHECK ONE ONLY IN EITHER
A, B OR C)

**A. LANDSCAPING/GROUND CARE AT ONE OF THE
FOLLOWING TYPES OF FACILITIES:**

- 0005 Golf courses
 0010 Sport complexes
 0015 Parks
 0020 Rights-of-way maintenance for highways, railroads & utilities
 0025 Schools, colleges & universities
 0030 Industrial & office parks/plants
 0045 Condominiums/apartments/housing developments/
hotels/resorts
 0050 Cemeteries/memorial gardens
 0060 Military installations & prisons
 0065 Airports
 0070 Multiple government/municipal facilities
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- 0105 Landscape contractors (installation & maintenance)
 0110 Lawn care service companies
 0125 Landscape architects
 0135 Extension agents/consultants for horticulture
 Other contractor or service
(please specify) _____

C. SUPPLIERS:

- 0205 Sod growers
 0210 Dealers, Distributors
 Other supplier (please specify) _____

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by Joyner and Larsen
Leading U.S. turf pathologists report on turfgrass diseases, pythium blight, snow molds, fairy rings, leaf spot of Kentucky bluegrass in Minnesota, initial and field fungicide screening, turfgrass disease resistance, etc. Contains new ideas on how to combat turfgrass problems. **\$27.95**



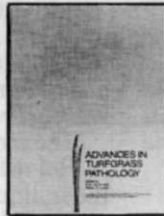
220 - CONTROLLING TURFGRASS PESTS

by Shurtleff, Ferminian, Randell
New comprehensive guide provides the most up-to-date information available on the identification, biology, control and management of every type of turfgrass pest. Covers weeds, insects, animal pests and diseases in detail. Also provides information on cultural management practices: the establishment, care and renovation of low-, medium- and high-maintenance turf areas. 50 color and 400 black and white photographs. **\$27.95**



654 - MANAGEMENT OF TURFGRASS DISEASES

by J.M. Vargas
Identifies turfgrass diseases by description and illustration. Includes a holistic approach to healthy turf and lawns. Presents practical management strategies for golf courses, lawns and athletic fields. 204 pages, illustrated. **\$26.70**



225 - TURFGRASS MANAGEMENT

by A.J. Turgeon
Revised edition. Covers the latest developments in turfgrass science and technology. Heavily illustrated with dozens of new drawings. Provides specific recommendations for applying the newest pesticides, fertilizers and other materials to combat turfgrass problems. A valuable reference for diagnosing problems and determining their causes. **\$32.95**

630 - TURFGRASS: SCIENCE AND CULTURE

by James Beard
Comprehensive basic text and reference source used in many leading university turf programs. Includes findings of current research compiled from more than 12,000 sources. **\$34.95**

640 - TURF IRRIGATION MANUAL

by James Watkins
A guidebook for engineers, architects, designers and contractors. Keeps pace with the latest developments in turf and landscape irrigation. Specific chapters devoted to rotary sprinkler design systems. Golf course design systems and expanded engineering and reference material. **\$23.95**

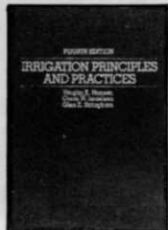
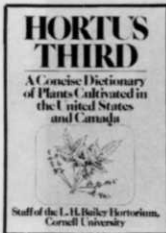


800 - THE GOLF COURSE

by Cornish and Whitten
The first book ever to give the art of golf course design its due, and golf course architects the credit and recognition they deserve. 320 pages and 150 color and black and white photographs. Traces the history and evolution of the golf course, analyzes the great courses, shows how they were designed and constructed. **\$35.00**

510 - HORTUS THIRD

from Cornell University
A 1,300 page concise dictionary of plants cultivated in the United States and Canada. A reference which every horticulture professional should have. **\$125.00**

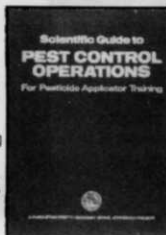


635 - IRRIGATION PRINCIPLES AND PRACTICES

by Hansen, Israelsen, Stringham
A new fourth edition of this highly successful textbook presents essential concepts pertaining to water conveyance, application, storage in the soil and use by plants. Basic underlying principles that govern irrigation practices are stressed. **\$57.00**

125 - SCIENTIFIC GUIDE TO PEST CONTROL OPERATIONS

by Truman, Bennett, Butts
Provides a sound basis for studying the technical aspects of pest control. Covers pesticides, safety, health and environmental concerns, equipment, flies and mosquitoes, rats and mice, birds and much more. **\$35.00**



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dius. The Lawn Vac Collector introduced by Magic Circle Corp. is designed for use with a 44-gallon collector. The lever-operated collector is available with either a rear-mount or deck-mount blower. The high impact plastic top has an easy operating lift which permits simple removal of the collector.

Circle No. 218 on Reader Inquiry Card

Grasshopper K-series for large landscapes

The Grasshopper K-series of mowers is designed for professional landscapers. The K-series consists of three mowers, all- which feature pressurized oil systems to provide optimum lubrication during long hours of mowing.



The mowers also have large drive tires with a newly-designed traction tread pattern. The tires' radial style improves tread-to-turf contact. Another feature of the K-series is the tan and brown coloring which is chemical and rust resistant.

The models in the K-series include Model 1822D, powered by a three-cylinder, liquid-cooled Kubota diesel engine; Model 1822, equipped with an 18 hp Kohler Magnum engine; and Model 2132 which has a 21 hp, three-cylinder, liquid-cooled Kubota gasoline engine.

Circle No. 219 on Reader Inquiry Card

Natural blankets protect seedbeds from erosion

North American Green's blankets protect seedbeds and allow them to establish for permanent erosion control in a variety of applications.

They reduce rainfall impact, reduce water runoff velocity and shield soil surfaces from wind. By moderating soil temperatures they reduce evaporation and help retain soil moisture.

Blankets come in 50-lb. rolls and are easy to install, secured by six-inch staples. Seedbed preparation and lime, fer-

tilizer and seed applications must be



made prior to installing blankets.

Circle No. 220 on Reader Inquiry Card

Zero turning radius steers versatile lawn mower

The Country Clipper from Shivers



The Advanced System for

Billy Goat's TR Truck Loader System is a complete lawn maintenance system that makes fall leaf cleanup easy. Call us today and find out how your lawn service crew can use these four pieces of equipment to clean up in record time.



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Use the backpack blower to remove debris from shrubs and hard-to-reach areas.



The suction sweeper is used for sweeping up leaves in outlying areas, away from the truck.