bobcat LOADERS

Choose from different model sizes, with operating capacities ranging from 600 to 4000 lbs.

bobcat

P.O. Box 6019 • Fargo, North Dakota 58108-6019

MELROE

Take a turn For the best

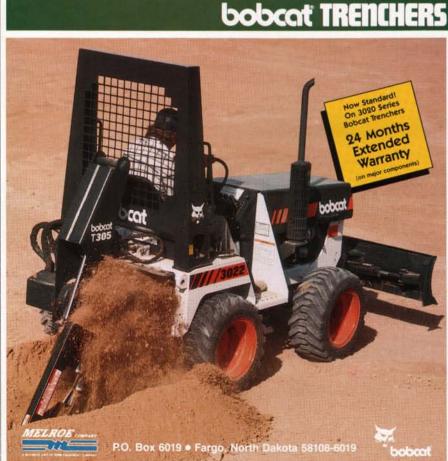
Turn out more work and return more profit to your business with a versatile Bobcat skid-steer loader. Bobcat loaders offer a wide variety of attachments to help you do your job better, whether it's loading, grading, excavating or sweeping. Choose from different loader model sizes, with operating capacities ranging from 600 to 4000 lbs. to fit your needs.

Regardless of size, all Bobcat loaders are wellbuilt and offer outstanding agility in tight areas, attachment versatility, rugged durability, easy maintenance and operation, reliable parts and service, comfort and top performance.

Bobcat loaders. Take a turn for the best in performance and value.



*Selected by Fortune Magazine as one of America's top 100 products.



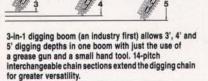
THE WORLD'S MOST VERSATILE TRENCHERS

Designed for more uses, with lower equipment costs!

If your work includes a wide variety of tasks, you need a service line trencher with a new dimension. The fully hydrostatic drive Bobcat 3020 Series trenchers are the world's first true multiple attachment trenchers, featuring Bobcatch™, a revolutionary quick-attach system.

The Bobcat 3020 Series trenchers are the only 30 hp class units equipped with liquid-cooled engines, and they're backed by the industry's best warranty







For the long run.

Introducing a powerful new force in riding rotary mowers.

CUSHMAN

DIESEL

Now there's more to Cushman[®] Front Line[®] Mowers than top cutting performance. More power. More operator comfort. More endurance.

Now there's the new dieselpowered model Cushman 807.

Its totally integrated power train and new hydraulicallypowered steering gives you unmatched performance over the long run. The 807 dispatches thick, wet grass on tricky maneuvers around obstacles without losing ground speed. No other rotary mower gives you a cleaner cut.

At the heart of the new, four-wheel 807 is a powerful 21.5 horsepower, 3-cylinder Kubota 950 diesel engine. We've also included a heavy-duty Donaldson air cleaner and a new, heavy-duty Cushman PTO clutch to keep your new Cushman Front Line running longer. A complete family of Cushman Front Lines and a wide range of accessories are available to meet all your needs all year 'round. Choose a 3 or 4 wheel design with 60- or 72-inch side or rear discharge mower deck. Or add the exclusive Cushman Grass Caddy TH system, which lets you cut, catch, and hydraulically dump 16 bushels of clippings without leaving the seat.

For a convincing demonstration contact your Cushman dealer today. Or call toll-free: 1-800-228-4444.



4013 Cushman, P.O. Box 82409, Lincoln, NE 68501
© Cushman Inc., 1989. All rights reserved.



The Official Publication of The Sports Turf Managers Association

PROGRAM

VOLUME FIVE, NUMBER 12

DECEMBER 1989

SECOND ANNUAL PRODUCT DIRECTORY

You are holding in your hands the second annual sportsTURF Product Directory. The directory is the result of five years of research and information gathering. Never before has such a targeted and comprehensive resource been published. It is truly unique for the sports turf industry.

The entire December issue is devoted to one purpose; helping those responsible for large, recreational turf areas locate products they need quickly. Not only does the Product Directory list manufacturers of standard turf maintenance products, it also includes manufacturers of products designed specifically for sports turf managers and golf course superintendents. This single, comprehensive directory can help you obtain product information quickly and easily.

You'll want to keep this directory as a handy year-round reference. We encourage you to contact manufacturers to obtain their latest catalogs and the names of their local distributors. Tell them you found about their company in sportsTURF magazine.

The directory is divided into two sections. The first half is a listing of more than 100 different types of equipment, chemicals, materials, and seed. The manufacturers or suppliers of each type of product are listed along with their city and state.

To find the address and phone number of these companies, go to the second section of the directory where they are listed in alphabetical order. Letters next to each company's name indicate the categories of products they make. There are five categories, as follows:

- C Chemicals
- E Equipment
- Irrigation
- M Materials & Supplies
- S Seed

As the sports turf market grows, more and more companies create products to make your job more efficient and effective. In future directories, we will endeavor to add these newcomers and to keep you abreast of their products. Since it is your directory, we are always anxious to hear your comments and suggestions to improve it.

PRODUCT SECTION

Chemicals .		 	•	• : (. ,			•	•	 			•		 			•		 •:-	•	 . 14
Equipment .										÷		•	 								•				. 11
Irrigation		 					•3				•	•	 			•		 		•3			 	•	 . 15
Materials & S	Supplies .	 		-83							•	•	 	•		•		 			•		 		. 16
Seed		 	•	•			•	•			-	•	 	•		•	•		•	•	•	•			. 18
ALPHABETICAL	LISTING				•																				19
CLASSIFIED ADS																									32
INDEX OF ADVER	RTISERS				•	 			•					•	•						•		•		34

COVER: Photo courtesy of Crop Science Society of America, Division C-5, Turfgrass.

STAFF

PUBLISHER DENNE GOLDSTEIN ASSOCIATE PUBLISHER BRUCE SHANK EXECUTIVE EDITOR ANNE GOLDSTEIN EDITOR JAMES GREGORY ASSISTANT EDITOR MATTHEW TRULIO ADVERTISING SALES BOB WEISS ART DIRECTOR SUE NOBLE PRODUCTION PAM BROOKS CIRCULATION DENISE ALLEN ADVISORY BOARD ED BIRCH, TOM COOK, WILLIAM DANIEL, VIC GIBEAULT, FRED GRAU, DON HOGAN, HENRY INDYK, WILLIAM KNOOP, GREG PETRY, STEVE WIGHTMAN

ADVERTISING AND EDITORIAL OFFICES

P. O. BOX 8420, VAN NUYS, CA 91409 / 818-781-8300

SUBSCRIPTION RATES

ONE YEAR \$18 TWO YEARS \$30 FOREIGN (ONE YEAR) \$40



6913 VALJEAN, VAN NUYS, CA 91406 (818) 781-8300, FAX (818) 781-8517

OTHER GOLD TRADE PUBLICATIONS

LANDSCAPE & IRRIGATION. ARBOR AGE, IRRIGATION JOURNAL LANDSCAPE DESIGN

EXECUTIVE STAFF

PRESIDENT DENNE GOLDSTEIN EXECUTIVE VICE PRESIDENT BRUCE F. SHANK VICE PRESIDENT ANNE GOLDSTEIN VICE PRESIDENT RANDI GOLDSTEIN VICE PRESIDENT IRA GOLDSTEIN

sportsTURF Magazine

is published monthly by GTP, Inc. Material in this publication may not be reproduced or photocopied in any form without the written permission of the publisher. Copyright ©1989. Member of the Business Publications Audit of Circulation, Inc.



SECOND CLASS POSTAGE PAID at Van Nuys, CA (ISSN 0890-0167)

Postmaster: Please send change of address form 3579 to **sportsTURF magazine**, P.O. Box 8420, Van Nuys, CA 91409.



61st INTERNATIONAL GOLF COURSE CONFERENCE & SHOW

February 19-26, 1990 Orange County Convention/Civic Center Orlando, Florida

- TRADE SHOW
- GOLF CHAMPIONSHIP
- GCSAA ANNUAL MEETING
- EDUCATIONAL SEMINARS

For conference, seminar or exhibitor information: 800/472-7878 or 913/841-2240

1617 St. Andrews Drive Lawrence, Kansas 66047-1707

GOLF COURSE SUPERINTENDENTS ASSOCIATION OF AMERICA

Introducing the next generation in full-circle swing joints

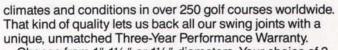


Inlet and outlet fittings at no extra cost.

Absolutely no cracked fittings. No leaks. No lost time. Our new Unitized Swing Joints come fully factory assembled. They're free of solvent welded joints. And the low cost will surprise you.

You get full three-way 360° action, so the standard 12" one-piece molded swing arm easily adapts to all installations.

And you get the reliable Lasco swing joint quality proven since 1982 in all kinds of



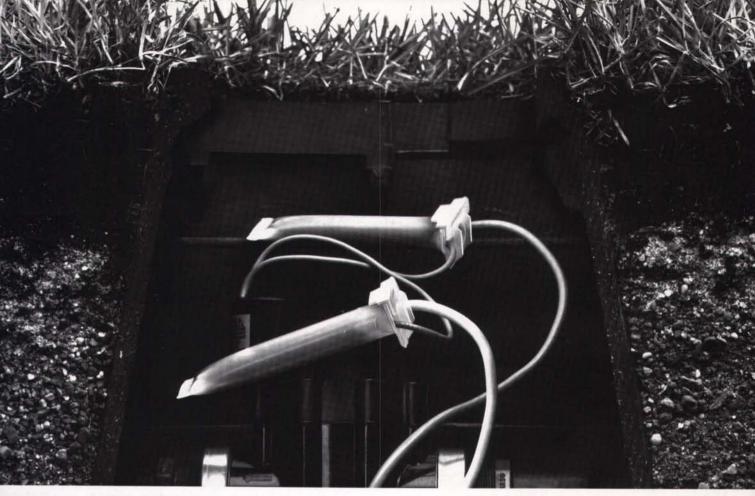
Choose from 1," 11/4," or 11/2" diameters. Your choice of 3 outlets and 4 inlets needed to fit your system — at no extra cost.



Write for details, or ask your distributor. You'll get the facts on the new generation — along with data on our Factory-Assembled and Assembly Kit Swing Joint models, too.

Lasco, 3255 East Miraloma Avenue, Anaheim, CA 92806. Warehouses and sales offices nationwide.

Circle 108 on Postage Free Card



Make easier, faster underground splices. Dirt cheap. Now in two

No more messy goop or wasted material. No crimping tool. No bad splices. Just quick, reliable underground electrical splices. Dirt cheap.

3M DBY/DBR direct bury splice kits are perfect for all underground projects of 30 volts or less. Each kit contains all you need for two splices. Simply strip the wires, twist on the Scotchlok[™] electrical spring connector, insert wires to the bottom of the gel-filled tube, snap closed the cover, and bury.

> Now in two sizes. Each kit contains two gel-filled insulator tubes and two Scotchlok™electrical spring connectors.

Now in two sizes: DBY for 2-5 #18 AWG through 2 #12

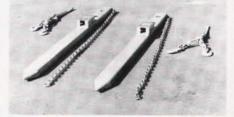
AWG; and DBR for 5 #16 AWG through 3 #10 AWG. DBY/DBR splice kits are great time savers. And their reliable performance cuts callbacks. See for yourself. Pick up a couple at your irrigation distributor and start making underground splices easier than ever, faster than ever. Electrical Products Division, 3M Austin Center, Building 130-4N-40, P.O. Box 2963, Austin, TX 78769-2963.







From Bucket Loader to Versatile Fork Lift in less Than 5 Minutes!



C.C. Bucket Forks can change a bucketloader into a multi-purpose lifting vehicle. No drilling, welding or bolting.

Easy-on, easy-off installation -in less than 5 minutes. Made in the U.S.A. Canadian Patent No. 1,103,622 U.S. Patent No. 4,242,035



A NEW CONCEPT IN MATERIAL HANDLING! CHECK THESE SPECIAL FEATURES! • Easy storage – tines are separate and flat

- Transports easily no awkward angles
- Easy to handle–each fork weighs only 50 pounds
- Universal fits most popular brands of loader buckets
- Easy-on, easy-off installation in less than 5 minutes!
- Ideal for farm use or at construction sites
- Handles most materials load capacity is 3,000 pounds
- Full money back guarantee!



(delivered anywhere in U.S.) Send your check or money order to:

C.C. Bucket Forks, Inc. P.O. Box 3796, Orange, CA 92665

In Calif. call collect: Toll-fr

1-714-637-4645

Toll-free, except in Calif. 1-800-854-3532

CA RES. ADD 6% SALES TAX Copyright 1981 C.C. Bucket/Forks, Inc.

Locke makes the cut...

at the finest playing fields around the world.

Locke Single

Locke Triplex

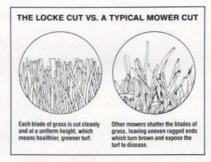
On baseball, football, soccer fields and golf courses, Locke's cutting edge, a unique scissor action, produces a clean and uniform cut unmatched by the competition. While other mowers shatter or sheer the grass, Locke reel mowers actually cut each blade of grass cleanly and consistently. The result is a uniform playing surface that maintains its healthy, green appearance and helps improve the quality of play.

Constructed from forged steel frames, machined cast-iron components and precision carbon steel blades, Locke mowers have been proven season after season. Powered by durable cast-iron engines, Locke mowers are built to last more than 20 years. So make your next cut with a Locke... Choose from the Locke Single, when maneuverability is crucial on smaller grounds; the Locke Triplex, setting the standard for commercial mower performance, quality and durability for over fifty years; or, a riding mower, the Locke Professional, is ideal for the larger sports turf grounds.

For the name of your nearest authorized dealer, contact Locke today.



Professional Quality Reel Mowers Since 1928



Locke Mowers, Inc. 2133 Mountain Industrial Blvd., Tucker, GA 30084 (404) 939-1505 FAX (404) 491-6815 Ask for our Sports Turf Specialist

Dealer Inquiries Invited.

sportsTURF

Circle 110 on Postage Free Card

Circle 111 on Postage Free Card