FRONT-MOUNT MOWERS

Made specifically for commercial turf maintenance, Kubota's diesel 2- and 4WD F6(J series front-mount mowers are now available. The three models sport 22-, 25-, and 30-hp Kubota ISO-mounted engines, which are clean burning and can outperform bigger engines because of their high torque rise, says the company.

Kubota Tractor/888-4KUBOTA
For information, circle 146 or see www.oners.ims.ca/2076-146

KOHLLER-POWERED MOWER

Grasshopper introduces its model 725A mower with new Kohler AEGIS liquid-cooled engine and G2 transmissions to provide power for any application. Operator station offers all-day comfort, with all controls within easy reach. Unit accepts 46, 52, 61- and 72-in. DuraMax Decks, which let you mulch, collect, or discharge clippings using the same deck.

QuickConventional implement system lets you change deck sizes or add a complete line of year-round implements in minutes. PowerVac collection systems available from 8-25 cu. ft.

The Grasshopper Co./316-345-8621
For information, circle 144

NEW!
for the Best Turf + Best Condition

Use New Soluble

1-2-3 + Condition™
Biostimulant plus Wetting Agent

ROOTS® 1-2-3 + Condition™ is a balanced combination of Chelated micro-nutrients and anti-stress biostimulants, plus a premium wetting agent. It increases root development and turf color, while reducing localized dry spots and water repellance.

ROOTS® 1-2-3 + Condition™ delivers the very best turf results under the toughest turf stress conditions.

One 7 lb. box treats 1 acre. 3 boxes per case.

http://www.sportsturfmanager.com • STMA
SERVICE PARTS CATALOG

Prime Line is a one-stop source for all outdoor power equipment service parts with its 2003 catalog, which includes 293 new part numbers.

The catalog includes an even mix of high-popularity products for both commercial and residential applications including thirty-seven new Kawasaki products covering items such as engine gaskets, air filters and pre-filters, and ignition components.

Most of the catalog is arranged by product categories such as air filters, mufflers, engine parts, blades, etc. and with the categories, the products are arranged by O.E.M brand.

Prime Line/217-324-9400
For information, circle 145 or see www.oners.ims.ca/2076-145

The thing practically crawls up walls.

This may very well be the most versatile tractor line on the globe. To be versatile, you've got to do two things: be agile and be user-friendly. Lots of old guard tractors are so big and clunky that they're hard to maneuver. Yes, they're durable, but difficult. Options can cost you.

Carraro tractors offer a unique array of ergonomic and operational functions built in, and are engineered for simplicity, comfort and increased return on investment.

A patented system called "Actio" in all Carraro tractors lets the chassis articulate to all terrain types and each wheel independently grips the ground for superior balance and stability. The center of gravity is so low that it virtually hugs the turf. Each wheel being the same size means you get equal ground pressure on all 4 wheels, all the time. Other neat features include a completely reversible seat and control system that changes direction in seconds, loads of attachments that mount front, back and even on top, as well as powerful, yet fuel minimizing engines that help keep operations costs down. Call us for our free video and more details.

BLADE CAPABLE TRIMMER

Shindaiwa has manufactured a 4-cycle T2500X trimmer, the company's latest in a range of products featuring C4 technology. At 24.5 cc and 1.1 horsepower, the T2500X is designed especially for demanding markets.

The T2500X is a unique cross between a 2-cycle and 4-cycle engine, combining the best of both worlds: It has the lightweight, great throttle response, and capability for all day, all position use like a 2-cycle engine, coupled with the low noise, better fuel economy, high torque, and dramatically reduced exhaust gas emissions of a 4-cycle.

Shindaiwa, Inc./800-521-7733
For information, circle 148 or see www.oners.ims.ca/2076-148
UTILITY VEHICLE

Broyhill's new TerraSport utility vehicle has a 1500-lb. total capacity and robotic-welded tubular steel frame construction for exceptional strength and durability. With a 16-hp Briggs and Stratton engine, continuously variable transmission (CVT), power steering, and multi-leaf spring, dual shock suspension, the TerraSport provides a smooth ride at speeds up to 20-mph.

Optional rear cargo box offers a unique 1/3-2/3 design, making room for a toolbox, sprayer tank, or line marker paint tank, and is located behind the seat. Steel or wood boxes convert to a 48 x 48-in. flatbed. Accessories include Broyhill's dedicated VacMate, Refuse Mate, and Fastliner marking system.

Broyhill/800-228-1003 ext. 34
For information, circle 140 or see www.oners.ims.ca/2076-140

Because their definition of “playable” will never be the same as yours.

Most sport facilities are often faced with very short periods of time between sport seasons to get their fields “playable”. Typar® Turf Blankets will enhance germination and root growth, allowing for earlier usage and greater survival through seasons.

Call 800-455-3392
Hand-held power: techno-marvels

By Tom Bernosky

Hand-held power equipment today is truly a modern techno-marvel. There are enough features, items, and brand names to give you plenty of choices as a professional. Let's take a look:

Blowers
Today when it comes to power blowers, the sky's the limit. There are hand-held blowers, backpack blowers and 8-plus-hp walk-behind blowers. With all the fuss over noise, manufacturers have produced some of the quietest blowers ever. Sure, there are many to choose from, but only a professional grade blower will outlast its price tag. A box mart blower is a toy not worthy of your consideration.

With all machines, consider first who will service it, and then its price. Choosing equipment any other way is certain disaster. Every lawn needs a back-up professional who knows the ins and outs of the machine.

Trimmers
Today, manufacturers of all shapes and sizes of trimmers in virtually all price ranges have something for you. Curved-shaft trimmers are often found in your local box mart. They're not too pricey, but these units are built for the weekend warrior (homeowner), definitely not for someone who has to rely on this machine at work. However, some professional curved-shaft models are available through your local servicing dealer.

Straight-shaft models are often the trimmers of choice for pros. But don't make of assuming that something is automatically a professional unit just because it has a straight shaft. Many deceptive practices are presently taking place by manufacturers that offer straight-shaft units built like their curved cousins and not intended for everyday use, so don't be fooled. If it's in one of the box-mart stores, it's probably a dressed-up homeowner unit built solely for price, not performance.

Lastly, we have the multi-attachment trimmers that are the pros' top-end models. With everything from hedge-trimmer attachments to small garden tillers, these units are versatile and easy to use in a variety of applications.

Tom Bernosky, president of Green Thumb Power & Equipment Corp., West Mifflin, PA, can be reached at gtpet@nauticom.net.

Where to find it...

<table>
<thead>
<tr>
<th>Chainsaws</th>
<th>Blowers</th>
<th>Trimmers</th>
<th>Edgers</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Arborist (800-441-8381)</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>American Honda (800-426-7701)</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Ames True Temper (800-624-2654)</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Bannerman Ltd. (800-685-2696)</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Billy Goat Industries (816-524-9666)</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Corona Clipper (800-234-7863)</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>E-Z Equipment (760-737-2400)</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>E-Z Trench (843-756-6444)</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Easy Lawn Inc. (800-638-1769)</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Erosion Control Tech. (800-245-0551)</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Ewing Irrigation (800-343-9464)</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Flinn Corp. (800-543-7166)</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Forestry Suppliers (800-647-5368)</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Giant Vac (800-423-7741)</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Goossen Industries (800-228-6542)</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Great Dane (877-246-8770)</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Husqvarna (800-487-5969)</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>John Deere (800-537-8233)</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Jonsered (800-447-1152)</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
</tbody>
</table>
**DRAG MATS**

Beacon Ballfields now offers cocoa mat drags in two sizes. The 6-ft. wide by 4-ft. deep mat is available with or without the Beacon leveling bar. The company also offers a 6-ft. by 2 1/2-ft. deep hand cocoa mat drag. The 1-in. thick natural fiber cocoa mats have a vinyl backing. The lead edge is steel reinforced. Cocoa mats give your field that major league finish and are affordably priced for the budget conscious groundskeeper. Call Beacon for pricing and a catalog.

Beacon Ballfields/800-747-5985  
For information, circle 184 or  
see www.oners.ims.ca/2076-184

---

**LITTER COLLECTION VEHICLE**

The mobile MADVAC 101-D now has a dual-side gutter broom with a 48-in. vacuum head for increased ground coverage. The brushes can be hydraulically raised/lowered with the vacuum head for on-the-fly engagement and for down pressure adjustment. This broom can be mounted on either side of the vacuum head to bring litter easily into the nozzle. Features 28-hp Kubota liquid-cooled diesel engine.

MADVAC/800-862-3822
For information, circle 182, or see www.oners.ims.ca/302sp-182

---

**Safety and Performance from the ground up**

Safety for players is your number one concern. Instead of ending up with turf that looks like it's been ground up and spit out, build lush springy turf from the ground up with LAUNCH® Biostimulant.

LAUNCH® combines the best of Gordon's FOCUS® and BOV-A-MURA® into one powerful formulation that encourages strong healthy roots, increased density and wear resistance. When used regularly, it also encourages quick germination, vigorous establishment and the rapid recovery of damaged sports turf, from soccer and football fields to golf greens and fairways.

- Latest surfactant technology for maximum soil penetration
- Ideal for seeding, sodding, sprigging and hydroseeding
- Contains humic, fulvic acid extract and kelp extract
- Enhanced with deodorized dairy manure slurry base
- Root and foliar uptake

LAUNCH®, FOCUS® and BOV-A-MURA® are registered trademarks of PBI/Gordon Corporation.

Information regarding biostimulants can be viewed on our web site.

1-800-821-7925 • www.pbigordon.com

An Employee-Owned Company

Circle 120 on card or www.oners.ims.ca/2076-120
INDUSTRIAL WET/DRY VACUUMS
Mi-T-M Corp. has available two industrial wet/dry vacuums, a 13-gal. and 18-gal., both CSA listed. Units are designed for stackability, cord management, durability, maneuverability, and easy operating. Both have 25-ft. cords, 10-ft. hose with swivel, 14-in. wet/dry floor tool, and wet and dry cartridge filters, on/off switches, and power outlet.
Mi-T-M Corp./800-553-8053
For information, circle 200 or see www.oners.ims.ca/2076-200

SPORTSTURF • http://www.greenmediaonline.com
industrybooks.com

BOOKSTORE

offers SportsTurf readers a one-stop shop for all books on Turf and related topics. We promise to provide the best reference materials to help build and maintain your business. If you would like additional information on our titles or would like to suggest a title or subject not shown please contact us toll free at (800) 203-2552 or on-line at www.industrybooks.com.

Pictorial Guides to Quality Groundskeeping Book I
by Floyd Perry
The only textbooks on the market for the grounds supervisor, athletic coach, little league volunteer, or baseball purist. Over 500 photos in each text with many in color.

Book One, "Covering All The Bases"
(100 pgs) covers Mound and Home Plate Repair; Edging, Dragging, Lip Reduction; Water Removal; Homemade Equipment and Tricks of the Trade.

Item# 4008 - Pictorial Guides to Quality Groundskeeping 1
Book One $37.00

Pictorial Guides to Quality Groundskeeping Book II
Book Two, "There Ain't No Rules"
(110 pgs) covers Football, Soccer, Softball, Little League, Minor League, College and High School Facilities. Also covers Curbside Appeal, Tricks of the Trade, New Ideas for Easy Maintenance; Professional Research from Higher Learning Centers and much more.

Item# 4009 - Pictorial Guides to Quality Groundskeeping 2
Book Two $37.00

The ABC's Grounds Maintenance: Volume I
Softball Field Refurbishment,
by Grounds Maintenance Service,
Features setting/rebuilding; homeplate area; rebuilding pitchers mound; sodding dugout walkways; application of crushed; brick; rounding infield crescent; complete infield; repair of turf; fertilizing & overseeding; patterns; reducing infield lips; removal of dew from grass; water removal in clay areas; edging the running track. VIDEO. 55 Minutes.

Item# 4191 - The ABC's Grounds Maintenance 1
Volume I $34.95

The ABC's Grounds Maintenance: Volume II
Baseball Field Refurbishment,
by Grounds Maintenance Service,
Features setting/rebuilding; homeplate area; rebuilding pitchers mound; sodding dugout walkways; application of crushed; brick; rounding infield crescent; complete infield; repair of turf; fertilizing & overseeding; patterns; reducing infield lips; removal of dew from grass; water removal in clay areas; edging the running track. VIDEO. 55 Minutes.

Item# 4084 - The ABC's Grounds Maintenance 2
Volume II $79.95

Sports Fields: A Manual for Design, Construction and Maintenance,
by Jim Pahola, Jeff Kraus, and Mike Gooley.

Item# 4109 - Sports Fields
$54.95

Picture Perfect:
Mowing Techniques for Lawsns, Landscapes, and Sports
By David R. Meillo,
Picture Perfect gives you first-hand, step-by-step guidance on creating your own unique lawn patterns. You'll learn the basic patterns - checkerboard, stripes, diamonds, waves, arcs and circles - in simple step-by-step instructions, along with practical advice on equipment selection and use. Patterns are demonstrated in simple instructions followed by dozens of detailed photographs. 160 pgs.

Item# 4088 - Picture Perfect
$49.95

Order Form

All Orders must include Shipping $3.00 per book
Illinois residents please add 8.25% Sales Tax
California Residents please add 7.75% Sales tax

Charge my □ VISA □ MasterCard □ American Express □ Check or money order enclosed for $
Acct# ____________________________ Exp. Date ______
Signature ____________________________
Company Name ____________________________ Contact Name ____________________________
Address (no PO Boxes) ____________________________
City ____________________________ State ______ Zip ______ Country ____________________________
Phone ____________________________ FAX ____________________________

It's easy to order
Call 1-800-203-2552
Fax 847-883-3529

order online @ www.industrybooks.com
or fill out the order form and mail it with a check or money order enclosed

All SALES FINAL
PAYMENT MUST ACCOMPANY ALL ORDERS
Please allow 4 weeks for delivery

Prices subject to change without notice

Code# ST203
VENDING MACHINE
EZ Vendor from Royal Vendors is a cost-efficient unit allowing you to buy and place more units and sell more product. Machines are easy to program, easy to load with six wide columns, and easy to convert from 12-oz. cans to 20-oz. bottles. The units are narrow and lightweight so you can move them easily as well.

Royal Vendors/800-321-8837
For information, circle 183, or
see www.oners.ims.ca/2076-183

TURFACE®

Used on more fields
to prevent rainouts and
improve field safety

TURFACE – THE #1 CHOICE
Groundskeepers from Major Leagues
to High Schools rely on TURFACE more
than any product to maximize the safety
and performance of their athletes
through wet springs and dry summers.
TURFACE in the field will dramatically
improve your playing surface. We
guarantee it!
Our commitment to coaches and sports
field managers is shown through our
major sponsorships of the ABCA, STMA,
HSBCA and the NFCA.

FREE VIDEO – $49.95 VALUE!
Mail your request today to receive your
TURFACE Sports Field Maintenance
Video featuring Major League and NFL
groundskeepers with complete
maintenance instructions. This offer is
valid for a limited time.
To receive your video, send us your
Facility, name and UPS address along
with a check or money order for $6.95
shipping and handling made out to
PROFILE Products LLC, 750 Lake Cook
Road, Suite 440, Buffalo Grove, IL 60089.
Allow 2 to 4 weeks for delivery.

TURFACE®
KEEPS AMERICA PLAYING™

1-800-207-6457
www.turface.com

PRIVACY WINDSCREEN
Missouri Turf introduces
SmartScreen, an alternative to
conventional woven windscreen.
The extruded PVC product won’t
unravel and holds its color for
years. According to Missouri Turf
president Jon Graves, “The new
material looks like spaghetti but
provides cushioning and wind
blockage, as well as privacy.”
When used for chain link out-
field fences, the companion prod-
uct SmartCap also can be used to
enhance safety and appearance of
your field.
Missouri Turf/800.426-0774
For information, circle 181

SPORTSTURF • http://www.greenmediaonline.com