Introducing the Sprinter™

With shrinking budgets and growing performance expectations, you need to stretch every dollar you put into your fleet. The affordable new Sprinter™ is designed to do just that.

The Sprinter is made to order for budget minded golf course superintendents and turf managers. This low-cost people mover/light hauler sports a price tag that looks too good to be true.

The Sprinter is a real plus for those who put a priority on appearance. And it will keep its good looks, because it features rustproof, impact resistant body panels and a polypropylene box.

For negotiating all the ups and downs on your turf, go with a gas or electric Sprinter and your budget will go farther.

For a free demonstration or the name of the Sprinter dealer nearest you, call 1-800-228-4444.
Kubota’s precision-cutting turf equipment cuts through your turf chores in less time, with less fuel, while delivering more power and versatility.

The heavy-duty, 2WD M4030SU turf/utility tractor is powered by a Kubota 51 horsepower liquid-cooled diesel engine. With standard features such as "creep speed" transmission (16 forward/16 reverse), hydrostatic power steering, wet disc brakes and an independent hydraulic system, this powerful special turf tractor can lift and move heavier loads and quickly attach/detach a variety of implements.

For the ultimate in maneuverability and versatility, the Kubota diesel front mower F-Series offers you hydrostatic transmission for quick, smooth operation. The 24HP F2400 and 20HP F2100 come with four-wheel drive and a front differential lock. The fuel-efficient, 2WD 20HP F2100E offers excellent visibility and power. And, the FZ2100 and FZ2400 with 20HP and 24HP offer the exclusive combination of Zero Diameter Turn (ZDT) and Auto Assist Differential (AAD) 4-wheel drive.

Kubota has a wide selection of Kubota performance-matched implements such as rotary, flail and real discharge mulching mowers.

Cut through your turf chores with a Kubota.

For more information on Kubota's versatile turf equipment that can increase your productivity, write to:

KUBOTA TRACTOR CORPORATION
P.O. Box 2992, Dept. GCN, Torrance, CA 90509-2992
Financing available through Kubota Credit Corporation
The introduction of ESN precision controlled nitrogen represents the latest in scientific advancements that now allow you a vastly improved method of maintaining healthy, vibrant turf.

Developed in the laboratories of Exxon Chemical, ESN represents a major advancement in nitrogen management made possible by the most sophisticated scientific resources available.

Much more than a slow release fertilizer, ESN's patented polymer coating allows the release of nitrogen based entirely on temperature. The same temperature pattern that regulates a plant's demands for nutrients.

**ESN's Temperature Sensitive Polymer Membrane - the Secret for High Performance**

The secret to ESN's innovative technology is the polymer membrane surrounding a high quality urea granule. Once exposed to moisture, the inner nitrogen remains encapsulated and will only be released when the surrounding temperature is sufficient for plant growth.
You Control the Duration of Nitrogen Release

To allow you complete control of your fertilizer program, you may choose different ESN longevity formulations. For example, in some applications a two month material may be appropriate, while in others a 4-6 month material is more suitable.

ESN comes blended with other essential nutrients vital for a well rounded fertilizer program.

Controlled Release for Maximum Results

Since temperature is the only environmental factor determining nitrogen release, the ESN technology greatly reduces the potential of wasted nitrogen associated with other traditional fertilizer products.

With the precision of ESN's controlled release of nitrogen the volume of clippings is greatly reduced while overall turf color and vigor improves.

Turf trials and university research across the U.S. have demonstrated ESN's ability to outperform all other fertilizer technologies on the market today.

ESN represents a quantum leap in fertilizer technology and is setting new standards for fertilizer performance.

For more information on ESN and the complete line of UHS products, please contact United Horticultural Supply, toll free at:

1-800-847-6417
Troubled Waters?

Before water can enhance a landscape, it has to be healthy. The results of poor water management can be unsightly, smelly and costly.
Otterbine quality water management keeps ponds and lakes sparkling, clear and odor-free. Naturally, efficiently, and beautifully.

Otterbine CONCEPT₂ surface aerators give nature a boost by stimulating natural water cleanup processes. They offer interchangeable spray patterns for almost unlimited versatility.

And our TRITON and AIR FLO subsurface aerators are virtually undetectable as they create strong currents to produce oxygen that cleans and purifies.

Rugged and built to last, all Otterbine aerators are simple to install. Efficient. Compact. Self-contained. Safety tested. And approved by the Electrical Testing Laboratory.

Our comprehensive product line ranges from the highest technology in aeration systems to OTTERSHELDF, the new environmental lake dye. And we stand behind a 35-year tradition of quality, pride and fast, effective service.

Call or write, today, to find out how Otterbine can help make your water work, beautifully.

Water works with Otterbine.
3840 Main Road East
Emmaus, PA 18049 USA
(610) 965-6018
1-800-AER8TER
Question: If a perfect, digital one-way signal is sent to a field controller, will the irrigation system perform?
Answer: Maybe. Maybe not. You'll never know.

And what you don't know could be a serious problem. Vandalism, power outages, damaged field controllers, stuck valves, broken pipes... all problems you need to know about the minute they happen.

Buckner's Universal Radio Controlled Irrigation System provides minute-by-minute system status reports based on true TWO-WAY communications. Reports include the unique FlowTrac™ function and Command Verification™.

FlowTrac™ keeps you in control. Flow data is received from the field, then displayed graphically on your central PC screen. At a glance you know whether your actual flow matches your predicted flow.

Command Verification™ keeps you in direct communication with each and every field unit. No matter what type of radio communication you use, you must know if your field equipment is unable to receive a signal. The health and appearance of your planted areas depend upon it.

Buckner Introduces the New
Ultima Radio Controlled Irrigation System
The ultimate system for retrofit and new construction includes Universal's FlowTrac™ and Command Verification™ features, plus:
- retrofits to any existing controller
- stores programs at both field units and at central
- monitors flow and reacts to flow alarm conditions
- reports all field activity and water use

Select Ultima for ultimate performance and value... only from Buckner.
“Why JacklinGolf pays me to take a club to their grass.”

“Being a professional golfer for 32 years now, I know a thing or two about golf courses. Like how to make the ball roll smoothly on a putt. Or how to outsmart those tricky contoured greens. But when it comes to the precise science of growing the best grass for the course, I have to admit, I’m not the expert.

“That’s why I trust my friends at JacklinGolf. They’ve got turfgrass solutions down to a science. You see, the JacklinGolf Team is made up of a tremendous research staff of professionals, like plant breeders, agronomists and scientists. So you know you can count on highly specialized assistance whenever you’re making those all-important turfgrass decisions.

“From site analysis to troubleshooting to tailored recommendations, JacklinGolf is there to help.

“Now, I can’t say they can offer you tips on your golf swing. Maybe that’s why they hired me. Or, come to think of it, we do share the same name...”

5300 West Riverbend Avenue
Post Falls, Idaho 83854-9499
1-800-760-4321 Fax: 208-775-4846
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CIRCLE #108
For some, beautiful drives down the fairway occur long before the first tee time.
While golfers sleep,
you don’t.
Because a superintendent
Reelmaster® 5100-D has
Automatic Control Electronics™
for advanced reliability and
serviceability. Reelmaster® 5100-D
packs extra power to take on hilly
terrain and other challenging
conditions.

Your course is a 24 hour concern.

We see things your way. So we don’t
measure the performance of Toro
equipment solely in terms of horsepower
and rpms. We measure it in your terms.

Consistently superb quality of cut.

For example, we know that your
climate, terrain and turf are unique.

That’s why Toro

offers a complete

range of

fairway mowers.

So you can

choose the one

that best keeps your fairways strikingly
beautiful and eminently playable.

No better way to enjoy your
morning drive.

Reelmaster® 4500-D.
Has variable clip control for
highest quality of cut in
varying course conditions.

TORO

Helping You Put Quality Into Play.

For more details, contact your Toro Distributor.
1-800-803-8676, ext. 152

CIRCLE #103
Pinhigh Quality
With A Twist

No more cutting, pulling or prying with our exclusive Twist Lid Twenty Five. Just a half turn and it's On or Off access to Pinhigh's quality reel sharpening compound.

- Completely premixed and ready to use Pinhigh saves time—eliminates waste!
- Formulated with quality minerals and water soluble gel.
- Provides Clingability with Cleanability—easy water rinse off.
- Non-toxic—not harmful to the environment.
- Available in all popular grit sizes from 54 to 220.

Contact Your Local Distributor or Call Us Toll Free 1 (800) 422-4748
Our Secret Mini-Granular Sizing Process May Help Shed Some Light.

The Andersons' proprietary mini-granular sizing process delivers big performance results. Our new line of Tee Time Fertilizer+Barricade combination formulas provides the proof.

**Mini-granular particle sizing means:**

- Easy, "no-stick" uniform application
- Better ballistic characteristics for efficient distribution
- Elimination of excessive dustiness
- Excellent flexibility for application rate setting

An early season application of The Andersons' Tee Time Fertilizer+Barricade mini-granular combination products gets right through the turf canopy and into the subsoil where they set up an effective pre-emergent weed blockade that can last all season long.

And because Barricade is blended with one of our famous, high-performance fertilizer formulas, you deliver two important treatments in a single application.

**Barricade**

The Andersons Tee Time Fertilizer+Barricade products are available in the following formulations:

**Barricade+:**

- 6-3-18
- 5-5-30
- 14-0-28 with Nutralene®
- 20-5-10 with Nutralene

The Andersons' mini-granular Fertilizer+Barricade selection of technically advanced combination products are available from your close-by Tee Time distributor.

For more information, call us toll free at: 1-800-225-ANDY

®Nutralene is a trademark of Nor-Am Chemical Co.
®BARRICADE Herbicide is a trademark of Sandoz Ltd.
®1993 The Andersons
LOTS OF INSECTICIDES
LET YOU TAKE CARE OF GRUBS.
OURS LETS YOU TAKE CARE OF
YOUR WORKERS,
TOO.

Worker safety is becoming an increasing concern for employers today.

So an insecticide that works better, yet is less toxic to people

and the environment sounds pretty good, right?

Well that's exactly what you get with MERIT® Insecticide.

Our new chemistry enables you to effectively control grubs while using

85% to 96% less active ingredient than you'd use with other soil insecticides.

And performance? In 88 trials across the country, MERIT has
delivered an average of 94% control of grubs.

What's more, you can apply MERIT in the spring to control

billbugs and Hyperodes weevils and provide enough residual to
effectively control grubs throughout the summer.

To find out more, contact Miles Inc., Specialty Products,
Box 4913, Kansas City, MO 64120. (800) 842-8020.

Because where workers and insecticides are concerned, less is more.

So use MERIT and use less.
Show 'em Where to Stick It . . . With "Trash Mates" Recyclers.

You're looking at the most convenient, cost efficient, environmentally friendly way to handle player-generated waste on your course. Trash Mates get players to separate their cans right on the course - so you don't have to later - thanks to the restricted opening in the snap-on, "Cans Only" lid.

A second Trash Mate handles the rest of the trash - over 9 gallons of it. And, they accept common bag liners for quick, no-mess emptying.

Contact your Par Aide dealer today. Order Trash Mates for your course. They'll enhance your image as a conscientious turf manager and a friend of the environment.

Par Aide Products Company • 3565 Hoffman Rd. East • St. Paul, MN 55110 • 612-779-9851
Graduated With Honors From Over 25 Prestigious Universities

Why do competitive fertilizers "go to school" on Par Ex® with IBDU® slow release nitrogen? Maybe it's because IBDU®'s been passing the test at major universities for more than 20 years.

Not just in controlled laboratory experiments. In actual field testing. On all types of turf. Under every conceivable combination of soil and weather conditions.

Par Ex® earns straight A's when it comes to performance:

- Steady, continuous feeding to the root zone
- Extra staying power for fewer applications
- Primarily unfazed by temperature, moisture extremes
- Uniform turf growth for reduced mowing, labor costs
- Unmatched for late season applications

To study up on Par Ex®, call us at 1-800-767-2855.

We'll show you how to get an advanced degree of IBDU® slow release nitrogen for your turf.
YOUR PRESENCE IS REQUESTED

An open invitation to experience the new John Deere 220
The new John Deere 220 elevates greens mowing to a higher standard—ANSI B71.4-1990. As the certified successor to the popular John Deere 22, the 220 brings you a host of new design advantages. Take time to learn more about this exciting new mower, then call 800/503-3373 for more information or the location of your nearest John Deere Golf & Turf distributor.

A John Deere-manufactured 11-bladed reel is now standard on the 220 — delivering not only improved durability, but also improved frequency of clip for a better quality cut.

A new machine-grooved front roller delivers more durability and precision. Cut from solid bar stock, it's stronger and stays in-round better for a more consistent quality of cut.

Redesigned controls make the 220 easier to operate. The engine on/off switch is now located near the handlebars for easier access.
Standard operator-presence system and new loop-style handlebars add comfort and safety to the 220's design. A low-effort bale must be pushed forward to engage and mow; while releasing the bale immediately and automatically disengages the reel and traction drive for safety.

The 220's new Greens Tender Conditioner (GTC) features 75 blades to better stimulate vertical grass growth. Like the model 22, it's powered by an optional gear-drive assembly that mounts ahead of the reel.

A new, more powerful, Kawasaki engine powers the 220. Now, the combination of 3.7 net horsepower, overhead valves, and 4-cycle design translate into not only more power — but quieter operation, as well.

Aluminum traction rolls on the 220 are now smooth for less green disturbance, and have been widened to cover the entire length of the bedknife. External differential drive still splits power to both traction rolls for superior tracking.
**Engine**

<table>
<thead>
<tr>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Kawasaki, air-cooled FE120G</td>
</tr>
<tr>
<td>Cycle</td>
<td>4</td>
</tr>
<tr>
<td>Bore and stroke</td>
<td>2.36 in. x 1.73 in. (60 x 44mm)</td>
</tr>
<tr>
<td>Piston displacement</td>
<td>7.57 cu. in. (124 cc)</td>
</tr>
<tr>
<td>Compression ratio</td>
<td>8.5:1</td>
</tr>
<tr>
<td>Maximum output</td>
<td>3.7 hp (2.8 kW) @ 1,800 rpm</td>
</tr>
<tr>
<td>Maximum torque</td>
<td>11.2 lb. (14.9 N.m) @ 1,800 rpm</td>
</tr>
<tr>
<td>Direction of rotation of output shaft</td>
<td>Counterclockwise viewed from shaft side</td>
</tr>
<tr>
<td>Inclination limit</td>
<td>Tilted up to 25 degrees</td>
</tr>
<tr>
<td>Idle speed at output shaft</td>
<td>650 rpm</td>
</tr>
<tr>
<td>Maximum speed at output shaft</td>
<td>1,800 rpm</td>
</tr>
<tr>
<td>Fuel</td>
<td>Regular grade — unleaded or leaded</td>
</tr>
<tr>
<td>Type</td>
<td>SAE 30 or SAE 15W-40</td>
</tr>
<tr>
<td>Tank capacity</td>
<td>2.6 U.S. qt. (2.5 L)</td>
</tr>
<tr>
<td>Oil</td>
<td>SAE 30 or SAE 15W-40</td>
</tr>
<tr>
<td>Type</td>
<td>SAE 30 or SAE 15W-40</td>
</tr>
<tr>
<td>Capacity</td>
<td>1.3 U.S. qt. (0.6 L)</td>
</tr>
<tr>
<td>Differential drive capacity</td>
<td>1 pt. (0.5 L)</td>
</tr>
<tr>
<td>Park brake</td>
<td>Band-type, lever activation</td>
</tr>
<tr>
<td>Cutting equipment</td>
<td>22 in. (559 mm)</td>
</tr>
<tr>
<td>Cutting width</td>
<td>22 in. (559 mm)</td>
</tr>
<tr>
<td>Cutting height (minimum)</td>
<td>1/8 in. (3.2 mm)</td>
</tr>
<tr>
<td>Standard—3.0-mm bedknife</td>
<td>1/8 in. (3.2 mm)</td>
</tr>
<tr>
<td>Optional—2.5-mm bedknife</td>
<td>7/64 in. (2.8 mm)</td>
</tr>
<tr>
<td>Frequency of clip</td>
<td>1.55 in. (3.9 mm) standard .195 in. (4.9 mm) optional</td>
</tr>
</tbody>
</table>

**Reel**

<table>
<thead>
<tr>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter</td>
<td>5 in. (127 mm)</td>
</tr>
<tr>
<td>Number of blades</td>
<td>11</td>
</tr>
<tr>
<td>Material</td>
<td>Heat-treated special allow steel</td>
</tr>
<tr>
<td>Bedknife</td>
<td>.118 in. (3.0 mm) 22 in. thick x (560 mm) lateral</td>
</tr>
<tr>
<td>Bedknife (optional)</td>
<td>.98 in. (2.5 mm) 22 in. thick x (560 mm) lateral</td>
</tr>
<tr>
<td>Rotary brush and GTC (optional)</td>
<td>Brush interlocked with reel, rotation in reverse direction</td>
</tr>
<tr>
<td></td>
<td>2.375-in. (60-mm) diameter nylon</td>
</tr>
<tr>
<td></td>
<td>2.375-in. (60-mm) diameter, 75 blades</td>
</tr>
<tr>
<td></td>
<td>Special hardened carbon tool steel star shaped</td>
</tr>
<tr>
<td></td>
<td>(circumference divided into 6 equal sectors of 1/32 in. (0.6 mm)</td>
</tr>
<tr>
<td></td>
<td>13/32 in. (1.0 mm) below or 7/32 in. (5.5 mm) above cut</td>
</tr>
<tr>
<td>Adjustable brush or cutter blades</td>
<td>Gear driven from reel shaft, opposite direction of reel rotation, powers brush or vertical cutter</td>
</tr>
</tbody>
</table>

**Grass catcher**

<table>
<thead>
<tr>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grass catcher</td>
<td>Approximately 7 lb. (3.2 kg)</td>
</tr>
</tbody>
</table>

**Clutches**

<table>
<thead>
<tr>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport</td>
<td>Belt tension</td>
</tr>
<tr>
<td>Reel</td>
<td>Jaw-type clutch on/off</td>
</tr>
<tr>
<td>Brush</td>
<td>Gear engagement disconnect</td>
</tr>
</tbody>
</table>

**Traction drum**

<table>
<thead>
<tr>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport wheels</td>
<td>Dual aluminum traction</td>
</tr>
</tbody>
</table>

**Traveling device**

<table>
<thead>
<tr>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forward speed</td>
<td>5.5 mph (9.2 km/h) with transport wheels @ 1,800 rpm</td>
</tr>
<tr>
<td>Mow speed</td>
<td>3.4 mph (5.5 km/h) @ 1,800 rpm</td>
</tr>
<tr>
<td>Roller (rear)</td>
<td>Aluminum, 7.50-in. (190-mm) diameter</td>
</tr>
<tr>
<td>Roller (front)</td>
<td>Machined, grooved, 2-in. (50.8 mm) diameter</td>
</tr>
</tbody>
</table>

**Dimensions**

<table>
<thead>
<tr>
<th>Description</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length (with tires installed)</td>
<td>37 in. (94 mm)</td>
</tr>
<tr>
<td>Width (with tires installed)</td>
<td>37.25 in. (946 mm)</td>
</tr>
<tr>
<td>Height (with tires installed)</td>
<td>46.8 in. (1190 mm)</td>
</tr>
<tr>
<td>Weight (less brush drive and transport wheels, with catcher)</td>
<td>217 lb. (98.6 kg)</td>
</tr>
</tbody>
</table>

(Specifications and design subject to change without notice.)
Job performance is judged on results — not intentions. So it pays to use tools you can rely on. Like Barricade herbicide. Barricade gives you consistent, season-long control of crabgrass, goosegrass, and other grassy weeds. Even better, Barricade’s prescribed rates deliver the precision timing you need to accurately determine its length of control. So you can overseed precisely when you need. Barricade is safe on turf and doesn’t stain or leach out of the weed germination zone. And Barricade’s lower active ingredient makes it easier on the environment. Barricade herbicide. The cost-effective turf management tool that makes you and your course look good. To receive your FREE brochure and product label, call 1-800-435-TURF (8873).
When it's time to overseed, Barricade®'s season-long control stops on a dime. Now that's...

Confidence

Yours is a precision business. So you need turf management tools that give you predictable results. Like Barricade herbicide. A single early application of Barricade provides consistent season-long control of crabgrass, goosegrass, and other tough weeds. And when you're ready to reseed — no problem. That's because Barricade's prescribed rates deliver the precision timing you need to accurately determine its length of control. Its low solubility keeps it near the surface, in the weed germination zone, and away from developing roots. And Barricade's low active ingredient makes it easier on the environment. What's more, Barricade eliminates the concern for staining. Barricade herbicide. Cost-effective performance that builds confidence. To receive your FREE brochure and product label, call 1-800-435-TURF (8873).
With All The Abuse Your Turf Takes, Who Needs Root Pruning?

You know the story. The guys who swing an iron the way a lumberjack wields an ax are the same guys who yell the loudest when weeds give them a bad lie. So, with all the abuse your turf takes, the last thing you need is root-pruning from your herbicide. That's why you need CHIPCO® RONSTAR® brand G herbicide. University root pull studies show that CHIPCO® RONSTAR® G works without pruning turf roots. That means healthier roots and stronger, more durable turf. Best of all, just one pre-emergence application provides season-long control of 25 tough broadleaf and grassy weeds—including goosegrass, crabgrass and Poa Annua. You'll also appreciate the fact that CHIPCO® RONSTAR® G is labeled for use on a wide variety of ornamentals, and is now available in a new low-dust formulation that makes application even more convenient. CHIPCO® RONSTAR® brand G herbicide. It can’t improve the quality of play on your course, just the quality of weed control.

New Low-Dust Formulation
Chipco Ronstar® G
Brand Herbicide

Rhône-Poulenc Ag Company, 2 T.W. Alexander Drive, Research Triangle Park, NC 27709. For additional product information, please call: 1-800-334-9745. As with any crop protection chemical, always read and follow instructions on the label. CHIPCO and RONSTAR are registered trademarks of Rhône-Poulenc. ©1991 Rhône-Poulenc Ag Company.
You probably never expected to think about shop towels today.

If you've ever had hydraulic motor problems, you know how dangerous a little piece of lint might be. That's why we worked with Johnson & Johnson® to create Gem Wipe™, a great new low-lint towel specifically made for golf course maintenance. ♦ Gem Wipes are remarkably strong and durable, thanks to their unique fiber structure and high-performance, non-woven construction. Since they're compatible with all industrial cleaners, they're perfect for heavy-duty cleaning and general maintenance around the shop. And because they can be used several times before discarding, they're economical, too. Best of all, Gem Wipes are non-abrasive and low-linting, so they're as safe as they are strong! ♦ If you're currently using laundry service towels or ordinary disposables, you owe it to your hydraulics to give Gem Wipes a try. For more information, contact your nearby Standard Golf distributor. We think you'll be very pleasantly surprised!

Low-linting and non-abrasive, our new Gem Wipe™ is the perfect alternative to laundry service towels and ordinary disposables.

STANDARD GOLF

Standard Golf Company
P.O. Box 68
Cedar Falls, Iowa 50613
U.S.A.
319-266-2638
FAX 319-266-9627
Everything you wanted in a greens mower.

Almost.

The Ransomes Greensplex™ 160

We had to draw the line at the kitchen sink. But, other than that, the Greensplex™ 160 has everything you asked for in a greens mower: a combination of quality of cut and quality performance. The Greensplex 160 hydrostatic drive assures accurate ground speed on slopes. Standard power steering delivers steady control and incredible maneuverability. Fingertip controls provide maximum comfort and easy operation.

In addition, it is easy to service with features such as interchangeable cutting heads and on-board backlapping. Available in both gas and diesel.

You no longer have to choose between quality of cut and quality of performance in a greens mower. The Ransomes Greensplex 160 offers the highest standards of both.

For a free demonstration call 1-800-228-4444. We’ll give you the name and location of the nearest dealer. FAX (402) 474-8522.

A/ailable in both gas and diesel.

We didn’t throw in the kitchen sink, but we are throwing in a free video on the Greensplex. Send for it today by calling 1-800-228-4444.
**ENERGY SAVING**
By varying pump speed, the pump performance closely follows the operating system curve, using precisely the power needed and eliminating the need for a pressure robbing hydraulic regulating valve. Additionally, soft starting reduces costly utility demand charges.

**SURGE FREE**
Surges are eliminated by using the variable frequency drive (VFD) to start pumps slowly and vary their speed to match systems demands.

**FLEXIBILITY**
The VFD can be adjusted for additional capacity and pressure for future expansion.

**EXPERIENCE**
Watertronics, a pioneer in the use of microprocessors to control pump station functions, applies the same time proven technology to VFD systems.

**ENGINEERING**
Our sales engineers custom design every "ENERGY SAVER" pump station to meet your individual conditions.

Watertronics manufactures a complete line of fixed speed centrifugal, vertical turbine, submersible, and in-line booster stations that utilize our innovative electronic regulating valves. Watertronics also offers retro-fit packages to bring state-of-the-art performance to your present pumping system.

For more information on how we can save you money call 1-800-356-6686, 414-367-5000 or fax 414-367-5551.

Watertronics, P.O. Box 530, 525 Industrial Drive, Hartland, WI 53029 USA
Do you wish to receive/continue to receive Golf Course News FREE? [ ] Yes [ ] No

Signature: ______________________ Date: ______________________

1. My primary title is:
[ ] a. Golf Course Superintendent
[ ] b. Green Chairman/Dir. Grounds
[ ] c. Director of Golf/Head Pro
[ ] d. Club President
[ ] e. General Manager
[ ] f. Owner/CEO
[ ] g. Builder/Developer

[ ] h. Architect/Engineer
[ ] i. Research Professional
[ ] j. Others allied to field

2. My primary business is:
[ ] 1. Public Golf Course
[ ] 2. Private/Semi-Private Course
[ ] 3. Municipal/County/State/Military Course
[ ] 4. Hotel/Resort Course
[ ] 5. Golf Course Architect
[ ] 6. Golf Course Developer
[ ] 7. Golf Course Builder
[ ] 8. Supplier/Sales Rep
[ ] 9. Other, please specify

3. Number of holes:
[ ] a. 9 holes
[ ] b. 18 holes
[ ] c. 27 holes
[ ] d. 36 holes
[ ] e. Other, please specify

4. My total annual maintenance budget is:
[ ] 1. Under $50,000
[ ] 2. $50,000-$99,999
[ ] 3. $100,000-$199,999
[ ] 4. $200,000-$249,999
[ ] 5. $250,000-$299,999
[ ] 6. $300,000-$399,999
[ ] 7. $400,000-$499,999
[ ] 8. $500,000-$599,999
[ ] 9. $600,000-$699,999
[ ] 10. $700,000-$799,999
[ ] 11. $800,000-$899,999
[ ] 12. $900,000-$999,999
[ ] 13. $1,000,000-$1,249,999
[ ] 14. $1,250,000-$1,499,999
[ ] 15. $1,500,000-$1,749,999
[ ] 16. $1,750,000-$1,999,999
[ ] 17. $2,000,000-$2,499,999
[ ] 18. $2,500,000-$2,999,999
[ ] 19. $3,000,000-$3,499,999
[ ] 20. $3,500,000-$3,999,999
[ ] 21. $4,000,000-$4,499,999
[ ] 22. $4,500,000-$4,999,999
[ ] 23. $5,000,000-$5,499,999
[ ] 24. $5,500,000-$5,999,999
[ ] 25. $6,000,000-$6,499,999
[ ] 26. $6,500,000-$6,999,999
[ ] 27. $7,000,000-$7,499,999
[ ] 28. $7,500,000-$7,999,999
[ ] 29. $8,000,000-$8,499,999
[ ] 30. $8,500,000-$8,999,999
[ ] 31. $9,000,000-$9,499,999
[ ] 32. $9,500,000-$9,999,999
[ ] 33. $10,000,000-$10,499,999
[ ] 34. $10,500,000-$10,999,999
[ ] 35. $11,000,000-$11,499,999
[ ] 36. $11,500,000-$11,999,999
[ ] 37. $12,000,000-$12,499,999
[ ] 38. $12,500,000-$12,999,999
[ ] 39. $13,000,000-$13,499,999
[ ] 40. $13,500,000-$13,999,999
[ ] 41. $14,000,000-$14,499,999
[ ] 42. $14,500,000-$14,999,999

5. My capital expenditure is:
[ ] a. Under $100,000
[ ] b. $100,000 - $249,999
[ ] c. $250,000 - $500,000
[ ] d. Over $500,000

6. My purchasing involvement is:
[ ] 1. Recommend equipment for purchase
[ ] 2. Specify equipment for purchase
[ ] 3. Approve equipment for purchase

P.S. Circle the appropriate reader service numbers below. Print your name and address; answer all questions; sign and date this form. Affix 29c postage and mail. 

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