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Hunter Training Site

As many customers know, Hunter's no-cost, comprehensive training site, training.hunterindustries.com, is a tremendously valuable tool for irrigation professionals. The site provides courses, tutorials, and other educational resources that let business owners and employees work and learn at their own pace. It even features discussion forums and support features to ensure you're getting the most out of courses.

Some of the most recent classes include:

- MP Rotator
- Dual Two Wire Installation
- X-Core Fundamentals
- Solar Sync Weather Sensor



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Hunter Golf Products Help Luhuitou Grow into One of China's Top Courses



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After being banned for decades, golf in China is now enjoying an explosion in popularity like nowhere else in the world. To keep up with the new demand for Golf, hundreds of new courses have been built throughout China in the last ten years. One of the premier Chinese courses constructed in recent years is the Sanya Luhuitou Golf Club.

Luhuitou is located in China's southernmost province, and features 18 holes that span 1.7 kilometres along the South China Sea's beautiful coastline. It runs 7,310 yards from the first tee to the eighteenth green, and incorporates the surrounding terrain to create a playing experience that appeals to players of all levels. The course was designed by N&H Golf Architects Ltd, and constructed by Lanxing Golf Course Engineering. Along with the golf course, Sanya Luhuitou Golf Club also features a two story driving range, a luxury seaside hotel, a gym, restaurants, banquet halls, and an impressive clubhouse.

One of the most interesting factors of the Luhuitou golf course is the integration of water. Where there's not seawater surrounding the course, there's 100,000 square metres of man-made lakes. This creative design feature resulted in 17 of the 18 holes being on the water. The abundance of water around the course not only creates a great playing challenge and beautiful scenery, it also created an interesting opportunity for the Superintendent to use the seawater to irrigate the turf, which includes Salam® Seashore Paspalum on the fairways and SeaDwarf® Paspalum on the tee boxes.

“TTS allows every serviceable component of the rotor to be accessed through the top. Mechanical and electrical, big and small, literally every part can be accessed from the playing surface . . . ”

When specifying the saltwater-friendly irrigation system, the plans called for high quality, durable products that could accommodate the complexities of a state of the art golf course and withstand the extreme wear and tear the salt laden water places upon system components. To create their perfect system, Luhuitou and N&H chose to install Hunter products, including the G880E, G875E, and G995E gear-driven golf rotors, as well as AGC Field Satellite Controllers, and Surveyor Central Control.

One of the primary reasons Hunter G800 and G900 rotors were chosen was their exclusive Total Top Serviceability (TTS) feature. TTS allows every serviceable component of the rotor to be accessed through the top. Mechanical and electrical, big and small, literally every part can be accessed from the playing surface, so there's no digging involved when rotor updates are needed. Since there's

no digging, there's no unsightly maintenance scars on the course, and changes can be made in a fraction of the time compared to ordinary rotors. Beyond the TTS feature, Hunter golf rotors were a great fit for Luhuitou because of their durable construction and efficient use of water as evidenced by the results; a very playable and great looking course.

Hunter's Surveyor Central Control software and AGC controllers were chosen for Luhuitou because they bring a fresh new approach to golf system control by combining user-friendly simplicity with high-tech accuracy. Surveyor offers a computerized, central irrigation control system that can start small and simple, and grow into a full-fledged, weather-driven, flow-balanced system with an interactive map on the computer's monitor. AGC controllers work in conjunction with Surveyor to offer an information-packed, easy-to-read backlit display, as well as a user-friendly dial that walks users through programs, records, manual operations, and diagnostics.

With Hunter products in the ground, and a team of highly qualified and dedicated professionals monitoring the system, the Luhuitou course has quickly become one of the most popular destination courses in China. In 2009 it was even named one of the 10-best courses in the entire country. As Golf continues to rapidly expand in China and throughout Asia, Luhuitou is expected to be on an increasing number of golf destination wish lists for many years to come.



Solar Panel Now Available for XC Hybrid and Node

Hunter has recently developed a Solar Panel accessory for the battery-operated Node and the XC Hybrid controllers. The Solar Panel provides maintenance-free operation by harnessing the sun's energy to power the controller 24 hours a day, 7 days a week for years on end.

Adding the optional Solar Panel kit to either of the controllers is an easy process that can be done quickly by any installer. Once connected, the Solar Panel supplies 100% of the controllers' power, and eliminates the need for battery replacements. Since there are no batteries involved, there's no need to worry about running out of power or scheduling replacement runs. Installing a Solar Panel is also the most environmentally friendly solution for battery operated irrigation control, as it eliminates the need to dispose of batteries.

The Solar Panel is compatible with 4, 6, 8, 10 and 12 station XC Hybrid models. With odd/even/interval scheduling and 3 programs with 4 start times each, the XC Hybrid gives up nothing in programming flexibility. With so much efficiency and so many options, the XC Hybrid is a perfect solution for a wide range of residential and commercial applications such as small yards, parks, gardens, roadway medians and roundabouts.

For at-the-valve placement, a Solar Panel is also compatible with the all-new Node controller. While the Node is placed within the valve box, the Solar Panel is installed outside the box in an area with high exposure to sunlight. Node offers 1, 2, 4, and 6-station control, and is designed for isolated sites, power-restricted areas, or the special needs of drip zones. The Node mounts to a valve solenoid quickly and easily, and without screws, drills or additional wires. The unit's solid construction and waterproof exterior ensure it can handle the harsh environment of a valve box.

Solar Panel kits will be sold as an accessory to each controller and are expected to be available in February 2012.



Hunter Industries' New I-35 LP Nozzles Offer Complete Coverage at Lower Pressures

One of the most common problems irrigation professionals face in commercial sites is low system water pressure. To combat this issue, Hunter has created the I-35 Low Pressure Nozzles. Once installed, the nozzles allow the best-selling Hunter I-35 rotors the ability to water normally, even when system pressure is undesirably low.

With the I-35 rotor operating normally, system managers can get the efficient, complete coverage needed for open turf areas. And all it takes to achieve these outstanding results is a simple switch of the nozzle. I-35 Low Pressure Nozzles still have many of the same features as the standard I-35 nozzles including color coding, flow rate ID, triple nozzle ports, a flat front for

easy installs and an easy removal tab. They are only for use in the popular I-35 rotor, the only large turf rotor on the market with FloStop.

The new nozzles were also designed to be compatible with all current I-35 models, so retrofitting a configuration of already-installed I-35s is a simple and easy process. I-35 Low Pressure Nozzles are available now, and stand as just another example of Hunter's ongoing commitment to constantly provide irrigation professionals with the solutions they need to build the best systems possible.



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All New Node Battery-Operated Controllers Now Available

For isolated sites, power-restricted areas, or the special needs of drip zones, the Hunter Node is the smart, reliable solution. The Node mounts to a valve solenoid quickly and easily without screws, drills or additional wires. The unit's solid construction ensures it can handle the harsh environment of a valve box. Once placed in a valve box, the Node is operated by one or two 9V batteries, which provide standard or extended power throughout a season.

Along with exceptional reliability, the Node also features an easy-to-program LCD screen with a simple interface. With three programs and four start times each, the Node offers the flexibility to handle watering schedules for a multitude of needs, including new turf or steep slopes with low infiltration rates.

When using the Node, operators don't have to sacrifice many of the advanced features common in Hunter Controllers. The Node's advanced features include Easy Retrieve memory, seasonal adjustment, master valve operation, and up to six-zone control.

A flexible and powerful choice for irrigation installers of all levels, the Node is available now.

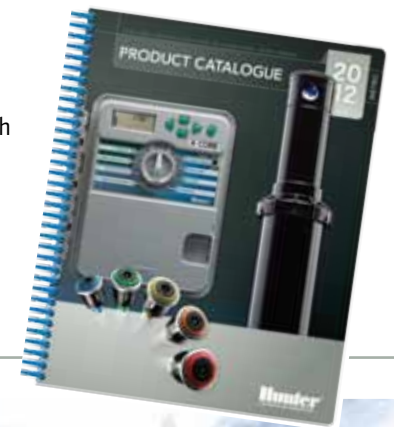
The Node is fully submersible and resists all moisture intrusion in water, mud, and debris as deep as 3.7 metres.



2012 Hunter Irrigation Catalog Now Available

At Hunter, our goal is to create products of the highest quality that allow irrigation professionals to work efficiently, quickly, and successfully on every job. Our recently released 2012 irrigation catalog is a reflection of that mission. With several new products added and a multitude of updates implemented into existing products, we're more proud of our line than ever.

The pages within the catalog are effectively organized to help you quickly find the information you need. Each product category is marked with its own colored tab for easy navigation. Spec builders and product charts include detailed information where necessary, so you can be sure you're getting the right product for the right application.



New Additions to the 2012 catalog include:

Synthetic Turf System

The ST Rotors take Hunter's legendary rotor prowess and deliver durable, efficient long-range coverage for synthetic turf applications.

Node

The next generation battery operated controller is here. The small, durable NODE offers 6-station control and works with one or two 9V batteries.

GPRS

Adds GPRS wireless mobile communications as an option for ACC Com modules and controllers in IMMS systems.

Ethernet

Adds Ethernet (TCP/IP) as a communications option for ACC Com modules and controllers in IMMS systems.

To download your copy of the 2012 Hunter catalog, go to hunterindustries.com and look for the link on the homepage.



ST1600BR

Ethernet Option for IMMS Central Control Now Available

Hunter offers a new communications solution for IMMS central control: an Ethernet, or Local Area Network (LAN) Com module. The ACC-COM-LAN looks like other ACC communications modules from the front, but features a standard network jack on the back for easy connection to a customer's computer network.

Many IMMS customers and prospects already have an existing communications channel at their fingertips. Computers, printers, and other devices already communicate with one another over what is often simply called the "network".

In most cases, the "network" is actually an Ethernet system designed to move data around buildings, facilities, and even entire cities over special cabling. With Hunter's new option, this technology can now be used for IMMS

communications, and offers many advantages over more traditional communications.

Ethernet is fast, reliable, and secure. It is maintained by the customer's Information Technology

department, and there is no monthly charge or licensing fees. The communications infrastructure is already in place in many institutional and governmental installations, and using it is often just a matter of asking permission.

ACC-COM-LAN looks just like the other ACC communications modules from the front. The reverse side has a standard network jack, or 8P8C (8-pin, 8-conductor). This is sometimes called an "RJ-45" jack, which are commonly found on the port panels of most computers.

Ethernet works on IP (internet protocol) addresses, and the ACC-COM-LAN uses a "fixed IP" assigned by the network administrator. The com module is also assigned a standard IMMS address for use by the central software, in the usual manner at the com module. The LAN or Ethernet module can still also be used to reach additional controllers via UHF radio or hardwired cable. Controllers on the site can share the IP connection by adding ACC-COM-HWR to the other controllers, with appropriate radio or hardwire options (RADxxx or ACC-HWIM).

The controller with the ACC-COM-LAN installed can be up to 100 m (300 ft) from the Ethernet jack. Wiring is done with CAT5, CAT5e, or CAT6 cable, and is determined by network requirements. Customers who desire remote access to their IMMS control system may do so via remote desktop software if the administrators permit this. Most Ethernet systems allow direct outside access via the Internet, with appropriate security settings.

This exciting new option is available now, and is expected to make an industry-wide impact on large-scale systems around the world.



ACC-COM-LAN: features a standard network jack on the back for easy connection to a customer's computer network.

'Inspire Hunter' Photo Contest Results

Back in the April, 2011 edition of the Blueprint, we held the Inspire Hunter contest and asked our readers to send us photos of sites where Hunter products were used efficiently and creatively. The call was met with a rousing response, and we were very pleased to receive an array of entries from all over the world that did indeed inspire us in many ways.

While it was a difficult decision, we have chosen the winner:

Name: Murat Ozben

Company: Pegasu Irrigation Co.

City/Company: Malatya, Turkey

Site: Sumer City Park

Challenges of Site: Tight corners, odd shapes, wide variety of vegetation

Solutions: PGP and PGP-12 Rotary sprinklers and PS Ultra Spray, ACC 99D Controller

Prize: Digital SLR Camera

