

## ECO BUNKER build it once

### Sandbelt Style Bunker Renovation with EcoBunker



We are immensely proud to be involved with the latest green-side bunker renovation at Hole 1 at The Clearwater Bay Golf & Country Club. Responding to the request of Peter Downie, General Manager/Director of Golf at The Clearwater Bay Golf and Country Club, we provided the EcoBunker for the renovation of these green-side bunkers at Hole 1. Richard Allen, CEO of EcoBunker, came over from the UK in February 2020, his last trip before the lockdown, to give his input on how EcoBunker can help accomplish the required Sandbelt style with sand faces and long and sharp edges. EcoBunker has also proven to be able to survive Typhoons and the heavy downpours in this region. The use of a structural backfill, exclusively developed by EcoBunker makes all the difference. This is extremely important to lock the shape of the edges in place.

Golf Course Architect Harley Kruse, who has been doing this style of bunkering for a couple of decades now in Australia and Asia, came over to Hong Kong to recreate the original shape of these bunkers. These bunkers are characterised by their steep faces and flowing shape along with elongated bunker noses. Harley also introduced new access points to these bunkers, to allow for easier access from a golfer's perspective. The use of EcoBunker made it possible to achieve the stable lips and sharp edges and create a bunker with varying dimensions of bunker lip depth.

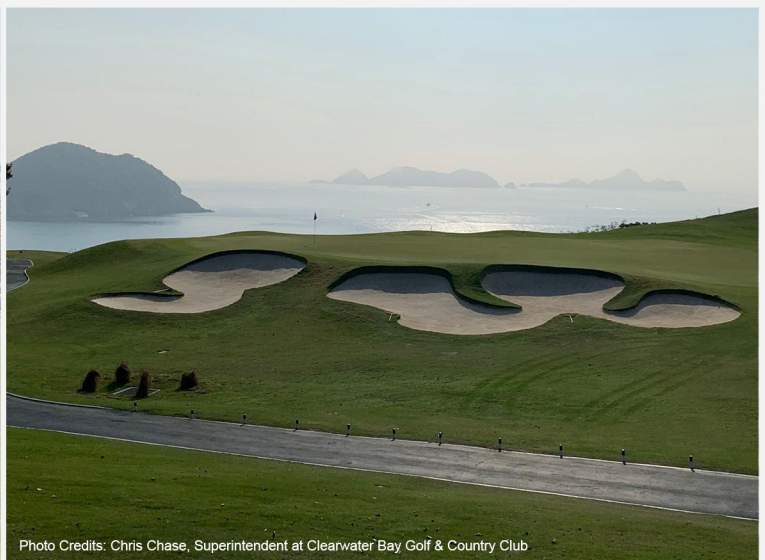


Photo Credits: Chris Chase, Superintendent at Clearwater Bay Golf & Country Club





Jacobsen's **LF550/570** lightweight fairway mowers offer industry leading productivity and functionality through programmable controls, increased performance and simplified maintenance.



Jacobsen's **ECLIPSE2** offers best in class quality of cut, industry leading productivity and customized controls.




Exclusive Distributor in Singapore, Hong Kong and Macau.

## Orange is the new green

In May, we've seen the arrival of new Jacobsen turf machinery destined for its new home at the Singapore Island Country Club.

The patented true floating head and Classic XP™ reels on the Eclipse2 122F combine to produce Jacobsen's legendary quality of cut throughout all Jacobsen equipment.

If you would like to receive more information or have any questions, please feel free to contact us at [info@centaur-asiapacific.com](mailto:info@centaur-asiapacific.com)




PROUD TO BE AN  
OFFICIAL SUPPLIER  
TO THE 2018 RYDER CUP



OFFICIAL SUPPLIER  
2018 RYDER CUP



# The most effective drainage system for Golf Courses and Sports Fields



## PCDrainage

January saw the completion of PCDrainage at the Old Course, Singapore Island Country Club. The project took place over 10 months with no down time or course closures for the installation.

Passive Capillary (PC) Drainage is the only drainage system that can be laid into Sports fields, Golf Greens, Golf Tee's & Fairways at narrow 1 meter spacing for more efficient drainage with no disruption to play whatsoever. PCDrainage can also be installed at the construction phase of a new golf green or sports field.

The One-inch diameter fiberglass element fibers draw water through capillary action when water is perched above the element. The stainless-steel mesh core carries drainage water away with efficiency during the first several hours following heavy rain.

***"It is amazing that we were able to install drainage in all our greens and some of our poorly draining fairways with no disruption to play whatsoever throughout the whole project. We utilised our course maintenance days to do the PCD installations on our greens. On some days we were even able to install two greens worth of drainage before we opened for play at 12 noon, that's on average 1,000 meters in 5 hours completed and ready for play. We are satisfied with the ease of installation for this product but most importantly, our management is please that the installation was done without affecting golf play"***

***Lokman Sabtu***  
***Golf Course Superintendent (The Singapore Island Country Club)***

Golf and sports field organizations who once struggled to dry playing surfaces in the event of excessive wet weather finally have a solution to their maintenance challenges with little to no downtime required. PC Drainage can be installed quickly and at a price comparable to conventional drainage systems—but without the disruption or closure of playing fields.

**"PCD provides a rapid, economical system with minimal surface disruption. The inner, open core, of the PCD element provides a good flow capacity at the closer spacing and for reasonable run lengths. The ability of the PCD element to maintain a hanging water column provides additional capillary drainage and removes water that would not be accessible with a conventional pipe system."**

**Dr. Ed McCoy, Ohio State University,  
Developer of PC Drainage Technology**





# First delivery of the SGL UVC180 in Hong Kong



One of the sport venues in Hong Kong took recently delivery of the first SGL UVC180 in this part of the world. The UVC180 has been specially developed to keep sports grass healthy, by breaking down the DNA of plant fungal diseases with UVC radiation treatment. The size and operation of the UVC180 is specifically designed to treat football pitches in the most efficient and effective way.

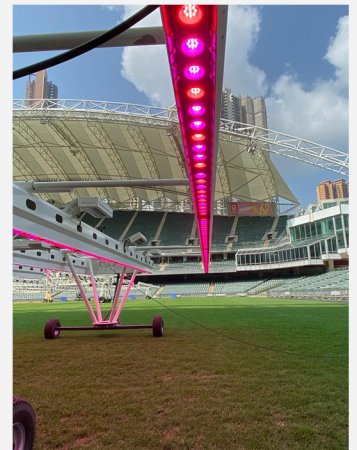
Please contact us if you have any questions about the UVC180.  
Email: [info@centaur-asiapacific.com](mailto:info@centaur-asiapacific.com)



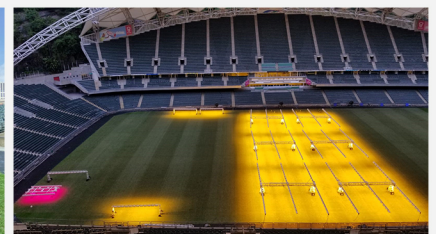
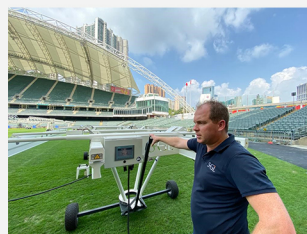
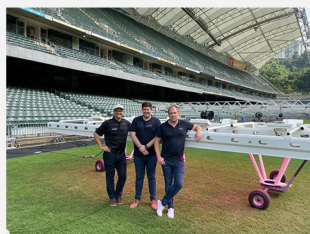
## An amazing and successful trial with SGL LED35 at a stadium in Hong Kong!

We recently successfully finished the demonstration of the SGL LED35 grow lighting system in Hong Kong. Over seven months the sport venue benefited greatly of the additional plant and root growth the LED35 enabled on their warm season grass pitch. They've witnessed a significant difference between the area the LED35 was used on and the areas that did not get the supplemental light.

The LED35 has already been successfully used by Manchester City, the New York Red Bulls and Red Bull Arena Leipzig. During the demo in Hong Kong, which started in October 2019, data was collected with the SGL Analyser as well as a Clegg-Hammer test and Shear Strength Tests. Different values for the root length, root mass and a visual interpretation of each section were analysed, and the results confirmed the effectiveness and efficiency of the LED system that SGL claim. The LED had positive effects on leaf and root growth, plant recovery and plant resistance of the C4 grass.



Please contact us if you would like to know more about the LED35 grow lighting system.  
Email: [info@centaur-asiapacific.com](mailto:info@centaur-asiapacific.com)







# Werecon W7 Acid Injection System landed on Tanah Merah Country Club.



Joe Wantulok, President of Werecon systems visited Singapore to conduct operator training on the recently installed W7 acid injection & fertigation system at Tanah Merah Country Club. With the launch of the new Green Scorpion 7 controls, Werecon has taken water treatment and fertigation control to the next level.

The W7 Series pH systems offer a safe reliable way of adjusting the pH of irrigation water. The systems are available in many different models with or without fertigation capability. With the capability of utilizing virtually any type of pH control agent, including sulfuric, N-phuric, etc., the W7 series offers excellent flexibility. Due to the fact that the concentrated product is never under pressure, the W7 Series has inherently better safety and reliability than competing systems incorporating pressurized injection techniques.



**TRILO**  
**T1**  
Independently driven suction unit



- ✓ Fits on most vehicles
- ✓ Easy to operate
- ✓ Little maintenance required
- ✓ Easy to clean
- ✓ Removes various waste materials

\*For more information, email us at info@centaur-asiapacific.com





**Campey**  
TURF CARE SYSTEMS  
QUALITY GROUND CARE EQUIPMENT



**AIR2G2**  
The Air2G2 324 uses three probes to laterally inject pressurised air up to 12-inches beneath the surface of the soil to fracture the compacted layers that form as a result of foot traffic, mechanical traffic and nature's daily wear and tear.



For more information, email us at info@centaur-asiapacific.com





**selectline**  
PREMIUM LINE MARKING PAINTS

## Selectline still making its mark in Singapore.

Brandon Low conducted a very successful demo using the Selectline machine and Ready paint at Centaurs Rugby field at Turf City. Selectline continues to shine and show our customers the quality it provides with the prolonged cost savings.

Selectline has been developing and producing line marking paints in Europe for over 30 years. Selectline have their own research & development and production facilities in The Netherlands, France, and Canada. This keeps delivery times short as well as it guarantees consistent top of the line quality. Every production batch is checked by their own quality control and samples are stored for future reference.

Selectline is your reliable and personal partner in high quality line marking paints and machinery. For more information, contact us at [info@centaur-asiapacific.com](mailto:info@centaur-asiapacific.com).

## SOIL SCOUT Wireless Soil Moisture Sensor

Soil Scout enables land use related water and energy optimization in an unprecedented detail and ease by providing a future-proof below-ground monitoring system.

Soil Scout provides the only wireless sensors capable of transmitting moisture, temperature and salinity data in near real-time out-of-sight performance from up to 2 metres / 6 feet below the surface, for up to 20 years, maintenance free.

Understanding what's happening below the soil surface is critical for many industries. Soil Scout takes monitoring to the next level by providing a detailed view into in-field variation, enabling our customers to expand the Precision Agriculture approach to all land use challenges, be that smart farming, irrigation control or turf quality optimization.

Centaur Asia Pacific is the distributor for Soil Scout range of products in Hong Kong, Macau, Singapore, Malaysia, Vietnam, China, and South Korea.

For more information on how Soil Scout can help you save on water and money, email us now at [info@centaur-asiapacific.com](mailto:info@centaur-asiapacific.com)



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TOOLS FOR GROWTH



Amp Agronomy™'s Catalyst Technology™, a proprietary process that employs multiple U.S. patents, is a foliar nutritional line that provides the most efficient nutrient delivery system available on the market today.

Prep & Recover™

Mega Cal™

C.A.N.™  
18-3-3, plus micros

Petro 30-0-0™

Carbon Karma™

Triple Eight™  
Field & Fairway

Ultimate™

Max Amino™

Salt Remedy™

Root Driver™

Ca Plus™

Renew 911™

K&P™

Macro Micro™

Your solutions for Agriculture, Golf Courses, Sod Farms & Sports.  
[Click here to learn more.](#)



# Upgrading the TurfBreeze Fan at Shek O Country Club

Hole 12 at Shek O Country Club is surrounded by a hillside covered with trees, shrubs and other dense foliage. Although this lush vegetation adds a very tranquil and serene character to the hole, this also provides an extra challenge agronomically. Air flow is crucial when dealing with fine turf situations. Ross Grieve, Course Manager at Shek O Country Club, purchased a TurfBreeze fan in 2006 for that very reason.

14 years later, in spring 2020, this old fan was upgraded with the newest TurfBreeze TB5900D model. This new model uses a Direct Drive mechanism, so there is less maintenance because it does not use any belts. The TB5900D is extremely quiet while in use, yet provides the same high performance as the previous model.



# Drill & Fill Aerator delivered to Sentosa Golf Club.

**Drill & Fill Mfg.**  
SPECIALTY AERIFICATION EQUIPMENT



A usual working day at Sentosa Golf Club only to see happy faces when we delivered the Drill & Fill machines. When the machines arrived, everyone in the maintenance team were excited and came closer to take a good look at the gorgeous beast.

Ryan & Wae Meng of The Sentosa Golf Club were eager to test out the new Drill & Fill machines and ready to take on the Serapong Course Greens Renovation.

Drill & Fill is a fantastic way of renovating aging putting greens that have built up large amounts of organic matter over the years and slowing down filtration rates. With a specially designed USGA spec sand, blended with Carbon and Profile (PPC) called AmpJect sand, Drill & Fill will help to prolong the life span of your golf greens for many years to come.



# Certified in Sports Turf Management

Continuous education is not only important for superintendents, curators, groundskeepers, and others involved with turf management and maintenance, but also for us involved as a supplier in the turf industry to understand the needs of our customers better and therefore being able to give better advice and support. Our colleague Jennifer Tong, assistant sales-manager and based in our Hong Kong office, decided two years ago to pick up the Sports Turf Management study at the Melbourne Polytechnic in Australia. She studied while she was still working full-time and doing her day job with Centaur Asia Pacific, a tremendous achievement!



We got a chance to talk to Jennifer on what she thinks of the good gesture from the company and how did she still manage to do the part-time courses amidst her busy schedule. Let's hear her out.

**As we always knew, to continue learning and working needs extra effort to commit yourself to do it.**

**How or why did you decided to do this?**

*Jennifer: I love learning. Many thanks to Danny & Jeffrey for offering me this wonderful opportunity. Most learnings were done in Hong Kong with a practical period in Australia.*

**Can you tell us what did the company sponsor and why?**

*Jennifer: Everything including the course fee, ticket & accommodation in Australia, internal training, flexible working hours for group assignments and much more.*

**The course duration is two years, with three weeks of practice in Australia. Can you tell us more about what precisely this program was? Tell us more about the topics which were taught?**

*Jennifer: The learning materials are delivered online under different units. Each unit has a few assessments to complete within the timeframe (normally 2 units in 2 months). The assessments can be multiple choices, short quizzes, individual assignments or group assignments. The units include Work health & safety; Operate Equipment; Information on plant; Establish/Maintenance/Renovate turf; Insecticide/Fungicide/Herbicide. The practical activities in Australia, for example: renovation, turfing, sprigging, seeding, pipe pressure test, install irrigation, jar test, infiltration rate test, sieve test, testing pH, etc.*

**What did you like most about doing this program?**

*Jennifer: All practical activities in Australia and Hong Kong, as I do not have turf background, let me understand more what happens on the turf.*

**Can you tell us more about what you had learned, and have benefited from this program? How will this program help you with your work?**

*Jennifer: The nutrient needs for different turf grasses in different venues and climates vary. I know more about our products by learning how to read product labels. When I have an enquiry from the customer, I understand better what they are looking for and suggest them with the right product.*



**Finally, is there anything you want to say to your friends & family who had supported you on this wonderful journey?**

*Jennifer: I truly appreciate all the support they have given me during that period. They are the best!*

This study teaches the specialist skills related to the preparation and management of grassed playing surfaces. Jennifer just completed the course and received Certification III in Sports Turf Management, a widely recognized qualification in the turf industry.

**Congratulations Jennifer!**

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