

CampeyNews



A breath of fresh air for Real Madrid

Award winning groundsman Paul Burgess puts new air injector through its paces.



Why Koro?

Leading Groundsmen give their views.



Dynamic Vredo suits Stoke FC

Stoke City FC Head Groundsman Andrew Jackson is delighted with the performance of his Vredo DZ Compact Seeder. Now coming up for its second year, Andrew has had a whole season to evaluate the effectiveness of this little dynamo of a machine.

Over-seeding regularly helps maintain a healthy, robust sward. The difference with the Vredo method of over-seeding is that it allows you to resume play immediately. The seed is placed directly into the soil and covered up. This process also encourages fast germination with almost 100% uptake of seed.



Vredo Compact Seeder in action at Stoke City FC

“Although we use the Vredo for over-seeding throughout the year – particularly in heavy use areas such as the six yard box – its primary function is to help with the pre-season preparations and post season renovations,” explained Andrew.

Autumn renovations on the training pitches began in September and the over-seeding was completed by the beginning of October. Three weeks later and the pitches are already showing 95% grass cover on the training pitches.

“It is the fast recovery that is so essential for the quality of play on the pitch,” said Andrew. “I put this down to the 75mm close spacings on the Vredo. The seed pattern is very tight and with the excellent germination rate, the result is impressive. It’s easy to use, easy to calibrate and maintain. All in all – money well spent.”



Air is everything to anything that lives

This year saw the introduction of a new machine from America that has created quite an impact, both in the impression it gives to those who see it in action and literally in the ground it is working on.



Air 2G2 in action on a green

The Air2G2 is designed to use pressured air to aerate deep into the soil. Tried and tested on golf courses and sports turf around the world, the Air 2G2, is perfect for tackling deep seated compaction on and around golf greens, walkways, professional football pitches and bowling greens. It uses air to shatter the hard pan created through normal to heavy everyday activity on the course

Glen Black the President of GT Air Inject Inc. who manufacture the Air2G2, sums up the philosophy behind the machine. “It’s about understanding and going back to the basic principles of what is the purpose of aeration. The purpose of all types of aeration should be to increase air movement within and throughout the soil profile and choosing the

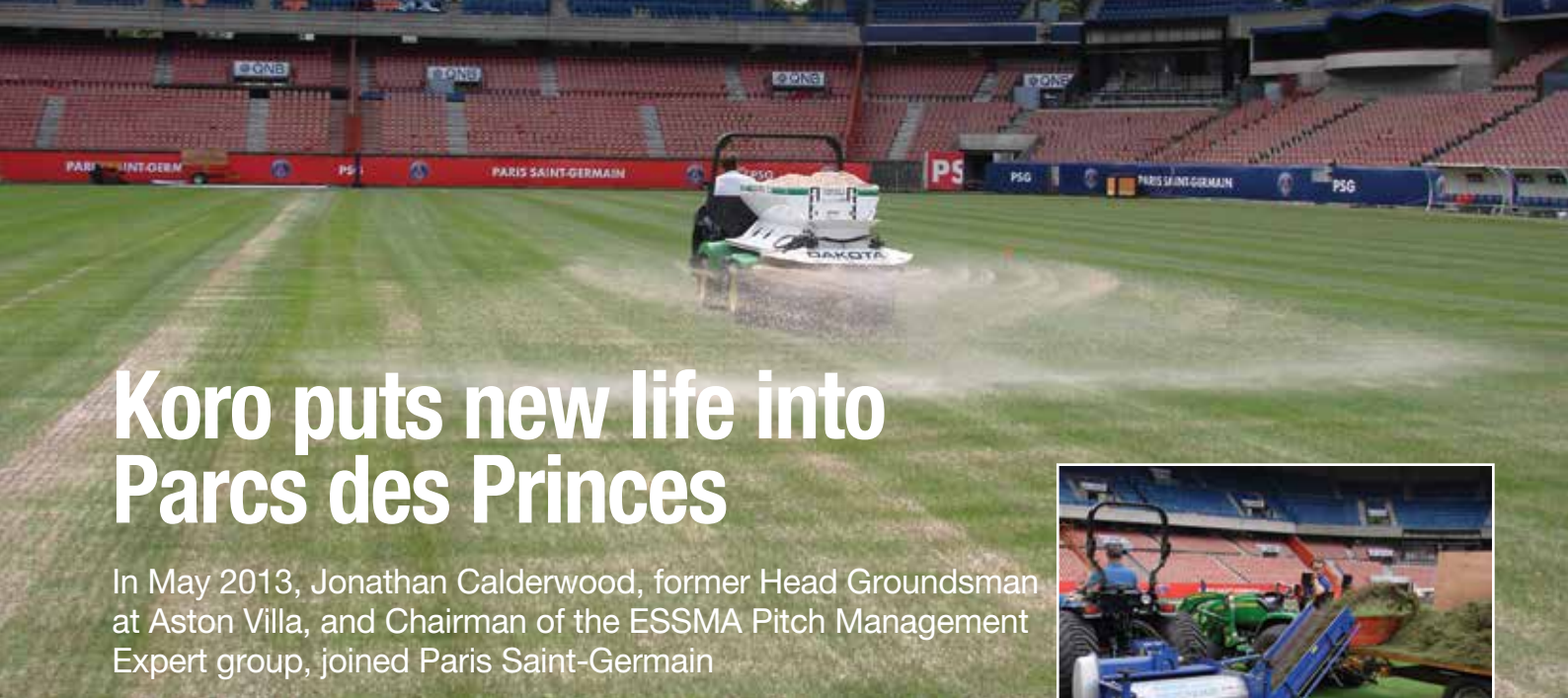
right equipment to achieve that aim is the key to accomplishing that goal.” The Air 2G2 is extremely effective at doing this. More importantly it is an excellent form of total aeration for golf greens and other fine turf area especially during the summer months, as there is no disruption to the playing surface whatsoever.



Lee Morgado of Campey Turf Care Systems demonstrating the Air 2G2

The benefits include improved growth in the root zone through good micro biotic activity. Better drainage and aeration provides a more efficient take-up of nutrients and moisture that will have long term beneficial effects to the soil structure and health of the grass.

Campey
is an official sponsor
of FEGGA 2014 conference in
Gerona, Spain.



Koro puts new life into Parc des Princes

In May 2013, Jonathan Calderwood, former Head Groundsman at Aston Villa, and Chairman of the ESSMA Pitch Management Expert group, joined Paris Saint-Germain

Jonathan has earned a reputation as one of Europe's leading groundsman since arriving at Villa in 2002, having previously worked at Wembley and Wolves. He has regularly won accolades for the quality of his work at Villa Park and Boddymoor Heath where he was responsible for 12 pitches.

In early June Jonathan attended a Campey demonstration day at the renowned Tecomah Sports College in Paris, where he saw the latest Koro rotors being put through their paces. He discussed with Sales Director Simon Gumbrell, the possibility of using them at the Parc des Princes stadium in Paris.

As it was already getting late in the season leaving no time for a full traditional pitch renovation, Simon suggested the next best thing would be to use a Koro Field Top Maker with the latest Universe® rotor.

The objective was to remove the Poa Annua that was prevalent on the pitch and any weak grasses in order to strengthen the sward in time for the first match of the season – six

weeks later. The Universe® rotor is the perfect choice for all surfaces including Desso Grass Master Pitches. Its spiral blades extract unwanted matter, while leaving the healthy grass in place.

The amount of waste extracted from the surface was quite staggering. Once koro'ed the pitch was swept with an Imants RotoSweep to ensure a clean hygienic surface, ready for a pass with a Shockwave to decompact the soil structure and level the surface.

Top dressing was applied using a Dakota 410 Turf Tender, followed by overseeding with a Vredo Super Compact Seeder to put the last touches to the renovation.

A week after completion the pitch was already showing signs of rapid recovery. Seventeen days later and it had its first spiking and looked immaculate!

Considering the time frame, they accomplished an extraordinary result that exceeded all expectations.



Lee Morgado and Simon Gumbrell carrying out the renovation using the Koro FTM.



The pitch 44 days after renovation

Proud sponsors of UEFA WU-17

Campeys are proud to be Official Sponsors of the UEFA European WU-17 Championship 2013/14.

2013 will have been a good year – and a big year – for women's football in Europe. Michel Platini UEFA President declared that – "This year will be remembered for a UEFA Women's EURO that was remarkable from every point of view. Full stadiums, record TV audiences and magnificent football will have finally managed to convince the last remaining sceptics that women's football is currently enjoying unprecedented growth – growth that fully justifies the expansion of the next final tournament in 2017 from 12 to 16 teams."

When asked to support the Tournament Simon Gumbrell eagerly agreed. "It is a pleasure to be a part of something that

encourages women and young girls in particular to take a keen interest in football."

Simon continued "We concentrate our efforts throughout the year on supplying the equipment to produce the finest playing surfaces possible. It is good to also be involved with supporting those who actually play the game."

The spectacular development in women's football has only been possible thanks to UEFA's member associations, which have realised the need to implement women's football development programmes. Their efforts are making all the difference.



Where once there were only a handful of women's clubs, there are now thousands, with millions of women in Europe eager to get involved in the game, as players, coaches, volunteers and fans.

Congratulations to the winners – Germany!



Air 2G2 perfect for hire in Ireland

Landcraft Grass Machinery in Dublin, is a successful business providing machinery sales and service to professionals responsible for the maintenance of amenity and sports turf facilities in Ireland. In conjunction with this the company also has a thriving machinery hire side and is always looking for equipment suitable for this side of their operation.

The Air2G2 air injector is designed to use pressured air to aerate deep into the soil. It works by injecting air at a depth of 7 to 10 inches, fracturing the ground horizontally and forcing the air upward to de-compact the soil around the root zone.

They first came across the Air2G2 in late summer when Brian O'Shaughnessy, Product Specialist for Campeys in Ireland, arranged a series of demonstrations in and around Dublin and invited owner of Landcraft, Noel Sutton, to come along with a number of his customers to see this new addition to the Campey range.



Air 2G2 in action at Bray Golf Club, Ireland

"I was impressed with the machine straight away," said Noel. "The guys who came to see it were looking for something that would tackle troublesome greens that hold the water. The Air2G2 is compact, effective and perfect for improving aeration and drainage.

"When you are looking for something to address flooding on a golf course, you need a machine that will create very little surface disruption," said Noel. "We can see that after using the Air 2G2 play on greens and fairways, tees and around bunkers can be resumed immediately following the treatment."

"From a hire company's perspective, the Air 2G2 is ideal," said Noel. "It is easy to use, you can complete 18 holes comfortably in two days and transporting it between sites is no problem with a trailer."

"Bray Golf Club, in the town of Bray, County Wicklow, was the first to use our Air2G2 and John Bishop, Course Manager has reported excellent results, with huge improvement of the greens. Play has been significantly extended during wet weather, which is exactly what we were expecting."

Noel currently has a waiting list for hiring out the machine and intends to build up a regular customer base that will use the Air2G2 at least twice a year during spring and autumn maintenance programmes.



Win - win situation for schools

Due to economic pressures our schools are required to make full use of their sports facilities and this includes maximising the use of sports pitches. As well as pupils putting in a full daily curriculum of sporting activities, many schools now hire out their facilities to local leagues, youth organisations and private clubs. Whether its rugby, football, cricket or hockey.

This extended usage puts an enormous burden on the turf and consequently the people in charge of maintenance have to find ways of combatting the additional wear and tear.

Tim Dawson runs contracting company- Cropper Grounds Maintenance, based in Stoke on Trent – and is responsible for looking after the sports pitches for 300 schools in the Staffordshire and Cheshire area.

It's no easy task, but it has been made more effective with the purchase of an Imants ShockWave this summer.

"We have been looking for some-time at the benefits of using a ShockWave to decompact and improve drainage on sports pitches" said Ted "It's about providing a professional turf maintenance service which addresses the issues and demands of today's schools sports venues. It's no longer just about mowing the grass."

Without proper maintenance, matches get cancelled or postponed – this is an important factor for the school – both in terms of revenue and continuity for the players.

"It's a win – win situation with the shockwave," said Tim

"We provide a more professional service, the pitches remain playable all year round and the quality of the surface is vastly improved. The Schools are happy, the players are happy and even the FA approves."

No waste at Wigan

The pitch at the Greater Manchester based DW Stadium – home of Wigan Athletic FC and Wigan Warriors has seen a lot of activity this year. Nineteen games have been played since the pitch was renovated at the beginning of June – including two Europa cup fixtures – and the turf is still looking and performing great.

Ian Forshaw is the Head Groundsman in charge of maintaining the grounds to the highest professional standards and says the quality of the turf is in no small measure down to the efficiency of the Raycam Aeraseeder.

"We purchased the Raycam Aeraseeder 1.2metre machine following a demonstration earlier this year and preferring it to our current method of over-seeding," he said. "The precision placement of the seed with the dimpled front and rear rollers is so effective that I can genuinely say we achieve as near to 100% germination as you can get – absolutely no waste whatsoever!"



At the beginning of October Ian used the overseeder again to trickle a small amount of seed into the turf. "Accurate calibration gives us this option," said Ian. "We still have another ten games to complete this side of the New Year and adding seed in this way provides a solid, strong and healthy sward to keep the pitch in great condition."

Another benefit Ian noted was the Raycam Aeraseeder rear brush also helps with surface hygiene by removing any surface algae as it passes while also lifting the grass up.

Ian has the smaller width model but it still only takes approximately three hours to complete the whole pitch. It is also used regularly on the training grounds to overseed the well-used goal mouths.

Renovation day at King William's College, Isle Of Man is a huge success

"A resounding success" is the overwhelming response to the Campey Renovation Day held recently at the prestigious King William's College, Castletown, Isle of Man.

Head Groundsman Mike Atherton is over the moon with the event. "The day itself went fantastically well, and a number of additional demonstrations were also very well received."

He added "I must also say that it has been a pleasure to have both Ian and Lee here (Ian Campbell, Product Specialist and Lee Morgado, demonstrator for Campeys) – they have both done much to enhance the name of Campey Turf Care on the Isle of Man."



"I'm led to believe that a number of purchases have already been made, and I'm sure there will be many more to follow in the future – all of which will go a long way to raising standards of groundsmanship on the IOM,"

The occasion was marked by Campey's demonstrating a whole range of the best turf maintenance equipment machinery, some of which was new to the Isle of Man, such as the Koro FTM with Terraplane®, Vredo overseeder, Imants ShockWave and the new Air 2G2.

Mike went on to say "It is my sincere hope that we can build on the foundations that have been laid over the last week or so, and I will do whatever I can to support any further involvement Campey Turf Care wish to have with the IOM turf care sector."

Ian Campbell of Campey's is positive about the future. "We always relish the opportunity to showcase our products and to talk to new people about machinery and groundsmanship. The interest shown by the visitors made all the effort worthwhile and we will be delighted to do more with the college in the future."



A breath of fresh air for Real Madrid

On a very hot and sunny day in September, the new Air2G2 air injection system was causing quite a stir. The location was the London Colney Training Centre, in Hertfordshire – the state-of-art training ground of the Premier League club Arsenal Football Club – where it was being put through its paces to a small group of top groundsmen from the UK and across Europe.

Multi-award winning Grounds Manager, Paul Burgess, responsible for the grounds at Real Madrid, had invited Campeys to demonstrate the Air2G2 along with other pieces of kit, to a number of his fellow groundsmen.

Richard was happy to oblige and approached Head Groundsman Steve Braddock, who kindly allowed access to the Arsenal training grounds. "We could see the machines working in the

best of environments," said Richard. It also gave us an opportunity to explain the principles, demonstrate and compare methods of aeration.

Paul said of the day "I would like to thank Richard for agreeing to hold this event and for Steve Braddock for allowing us into the grounds. My objective was to see 4 different machines working on surfaces similar to those at Real Madrid. Richard almost got the temperature the same too – another 10 degrees higher might have done it! A great day – I saw the Koro Field TopMaker Universe® rotor working for the first time and the Air 2G2 – which also has great potential. Very Impressed."

Paul has since gone on to purchase an Air 2G2 and Koro Field TopMaker with Universe® rotor to add to his fleet of maintenance equipment used to perfect the pitch at the Santiago Bernabeu Stadium and the rest of the eleven training pitches under his direction."

Jersey invests to keep sports facilities in play

Campey Turf Care Systems delivered a fleet of grounds care machinery to the Transport and Technical Service Department of The States of Jersey earlier this year.

Ian Syvret and fellow Assistant Manager Bob Kearsy continually look at ways of maximising the use of the sports facilities on the island. By improving the maintenance regime, they hope to reduce long term maintenance costs and radically improve the playability of the current sports pitch facilities.

"Our priority is to find machinery that would help us to keep costs down and standards high," explained Ian. "Our sports facilities are in demand all year round so we invest in ways to improve the general quality of the sports pitches, and reduce the cost of future

maintenance." "The Koro Speed Harrows, Dakota top dresser and Vredo overseeders will allow us to renovate some surfaces in a short closed period when changing from winter to summer use."

Richard Campey knows that the combination of equipment supplied to Jersey will have a huge and positive impact on the sports activities over there.

"By taking a few radical steps, you can ensure the standard of pitch surface will be healthy, playable and easy to maintain for years to come," he said.



Top marks for the Raycam Line Marker

Even more versatile than before, the Raycam Line Marker now has a new wheel width option - a 12cm wheel which allows you to interchange the wheels to mark at 10cms (LM3010) and / or 12cms (LM3012) as required by FIFA.

The Raycam LM3010 liquid transfer Line Marker is a simple and easy way to apply painted boundary lines and markings to turf.



Line Marker in action

What sets this line marker apart from the rest is that it only marks the leaf/plant and not the soil. This means that when it comes to greening out the lines for re-marking, it is an easy task to remove existing colour and re-line with greater precision and less time.

While the Raycam Line Marker is light and effortless in operation, it is also a robust piece of kit that delivers a clean, crisp professional look to any pitch.

The lines are produced by transferring the marking liquid from the 20litre hopper to the 10 cm wide marking wheel by a grooved rubber roller, giving even and accurate lines. Other features include adjustable tubular steel handles, pneumatic tyres, and adjustable flow rate and a front roller for marking up to a post or flag.



The Raycam Speedressers make the grade in the US of A

Campey Turf Care Systems have supplied a Raycam Speedresser 24H to North American based Magic Valley Bentgrass - an American provider of premium creeping bentgrass turf for the golf and sports turf industry.

Co-founder of MVB is former USGA senior agronomist Matt Nelson. He recognizes the importance of proper root zone selection and management for bentgrass turf production. Matt uses carefully selected root zone sand and applies proven management techniques during grow-in to ensure rapid and successful establishment of quality turf.

To maximize the efficiency of his turf production regime, Matt was looking for a machine that could apply heavy rates of sand in a single pass. He found out about the Raycam Speedresser after researching for large drop-spreaders and their capabilities on the internet.

"I contacted Richard directly who put me in touch with Dakota Peat, Campeys distributor for Raycam Speedressers in the US," explained Matt. The Speedresser has good manoeuvrability, sufficient capacity and is accurate. It also appears to have enough durability for our application of the machine."

The Raycam Speedresser 24H is a 2.4m wide drop-spreader designed to handle all topdressing material. So it is perfect for any turf application for golf courses and sports fields use.

"We spread over 1000 tons of sand within the first two weeks of owning the machine," said Matt. For large-scale applications of sand requiring uniformity, accuracy and speed, the Speedresser 24H has certainly delivered on its promises." The Speedresser has a high work rate that allows the spreading of top dressings of 2mm - 75mm depths in one pass.

We are delighted that Matt is pleased with the performance of the Raycam Speedresser," said Richard Campey, Managing Director of Campey Turf Care. "Our aim is to increase awareness of our products globally and the more companies using our equipment to improve the quality of their natural turf surfaces, the better it is for sport generally."

Campey machinery on show at St. George's Park

An excellent turnout of Campey dealers from UK and Europe were represented during three dealer educational days recently held at St Georges Park, home of the English Football Association's national football training centre at Burton on Trent.

Delighted at the opportunity to visit such a prestigious venue, Campeys European

dealers from as far afield as Spain to Poland and Denmark to Slovenia, expressed their enthusiasm at seeing first-hand how Campeys - a forward-thinking, dynamic company, leads the way in specialist machinery for turf maintenance and renovation.

Demonstrations of existing product lines were accompanied by the introduction of a number of new and prototype (available from 2014) equipment for perfecting all types of sports surfaces.



European dealers with England football shirts

Presentations were given by Simon Gumbrell on the renovation work at the Parc De Princes stadium, home to football team

For all your replacement tine needs visit

TINES DIRECT
www.tinesdirect.com

Alliance formed with ESSMA

Earlier this year Campey and Imants formed an alliance to become a Stadium Partner for ESSMA in the field of pitch management. ESSMA is the European Stadium & Safety Management Association, which offers a platform for stadium – safety - and head grounds managers to exchange knowledge and expertise. Although ESSMA has a European focus it allows non-European stadiums and organizations to join.

By joining ESSMA the two companies bring an extremely high level of knowledge and expertise in professional groundsmanship, to this prestigious European arena. "As Campey Imants we supply to all levels of sport from the grass roots to some of the largest and best known sporting venues in the World." said Managing Director Richard Campey "Together we offer the highest standards of turf maintenance equipment, good honest advice and technical support."

Campey and Imants is a formidable force for best practice. Through intense co-operation they have conceived many beneficial methods that have become standard working practices for professional groundsmen both in regular and annual maintenance.

"Together we encourage education of end-users through initiatives run by the industry's professional associations."

says Simon Gumbrell, Sales Director of Campey Turf Care Systems.



Jerad Minnick and Simon Gumbrell at FC Porto

"Being a stadium partner with ESSMA is an important continuation of our work with industry partners, such as advisory bodies, consultants, sporting governing bodies and the associations. This is to provide sound advice and practical help to all of our customers."

Jonathan Calderwood, Chairman of the ESSMA Pitch Management Expert group was delighted to welcome the new partner. He says "Pitch maintenance plays such a vital role in our industry. Campey Imants as a Stadium Partner allows us to integrate a key machinery player into our forum. Their innovation and on-going research and development will bring added value to the existing knowledge of the stadium partners."

ESSMA holds many educational events during the year covering a whole range of sporting perspectives, which are held in Europe such as the three day seminar event for Head Groundsman and Managers in Portugal last October where Jerad Minnick of Maryland Soccerplex USA was invited to speak about

Integration of European and American Maintenance Techniques.

A Russian delegation of Sport infrastructure stakeholders, representatives of construction companies active for the Sochi Olympic games 2014, Russian premier league football clubs; FC Lokomotiv Moscow & Krasnodar, and a delegation from Kazakhstan, were taken to some of our most prestigious sporting venues including; Emirates Stadium, Arsenal Training grounds, Olympic site and Wembley stadium, Manchester City Etihad Stadium and Manchester United Old Trafford.

The tour finished with a trip to London to see Chelsea FC versus Cardiff City. Because in the end – it's all about the game!



PSG earlier this year, and Dave Harrison on the renovation of Blumisberg Golf Course, Switzerland, using the Koro Field Top Maker on golf fairways.

Alan Ferguson, Head of Grounds and Estates at St George's Park gave a talk on his programme of ongoing pitch maintenance work using many of the pieces of machinery on show.

Richard said: "This is a remarkable venue and a perfect showcase for many of our products, in particular the new rotors for the Koro Field TopMakers – Universe® and Terraplane® which both have been used to such great effect here.

Richard Campey extended grateful thanks to Alan and Carol Ferguson and his team for giving them access to St George's Park.



UK dealers watching the Koro FTM with Terraplane® rotor in action



Education in France

Education is an important part of Campey's contribution to the sports turf industry. This is as important in Europe as it is in the UK. In June they were asked to take part in a two day seminar and working demonstration at the Tecomah Sports School in Paris, France.

The event was organised by Campey's French machinery distributor Hydraparts and the Principal at Tecomah school. The objective was to present the different procedures for the complete renovation of a sports stadium, as practiced in the UK.

Tecomah School specialises, amongst other things, in the training of technical staff in the development of sports facilities. So this was the ideal setting to illustrate through actual demonstration how a complete renovation of a sports pitch is carried out.

Initially, one of the halls of the school showcased through photographs and text - the theoretical steps: stripping, aeration, decompacting, sanding, leveling, re-seeding and irrigating. Hydraparts, assisted by three other companies were on hand to give valuable advice to sixty people on both days.

Simon Gumbrell, Sales Director, gave his perspective on the importance of end of season renovation. He made significant

references to the renovations at Manchester United and Arsenal, which arguably have some of the best playing surfaces in Great Britain.

After the seminars, everyone moved to the site of the school to attend demonstrations of the steps mentioned earlier that morning. Francois Brouillet, Managing Director of Hydraparts thanked Campey for their professionalism and in particular the quality and performance of machines; the Koro Field Top Maker, Imants Shockwave, Koro Recycling Dresser, the Dakota Top Dresser and the Raycam Speedresser, throughout the two day event.

Dates are being arranged for a demonstration tour of France in April 2014.

Omarv helps maintain environmental integrity at Suffolk estate

The Omarv TER 190 mower collector found on the Broxtead Estates fills a valuable role in their conservation programme.

The Broxtead Estate, in Woodbridge, Suffolk covers almost 3000 acres, a significant part of which is of national conservation interest. Although 1250 acres is arable the rest of is woodland and parts of it including the Sutton and Hollesley Heaths are Sites of Special Scientific Interest (SSSI). These represent one of the largest remaining fragments of the Sandlings Heaths left in Suffolk.

This land is managed in conjunction with the Suffolk Wildlife Trust and works include grazing by the Trust's flock of (mainly) Hebridean sheep and Exmoor ponies, for scrub clearance and bracken control. This on its own is not enough, there has to be a mechanised approach to assist in maintaining some of the more dense areas of growth and the smaller sections which are not conducive to animal grazing.

Many of the cultivated fields have a 6 metre margin at one of the ends set aside for wildlife conservation and wildflower planting. These areas have to be managed and the Omarv TER 190 mower collector comes into its own as the perfect solution for controlling grass and thick brush on heathland.

This top of the range trailed flail mower collectors are designed for use behind tractors of 90hp plus. They are extremely heavy-duty and are suitable for both grass mowing and thick brush cutting. While suited to sports field and golf course use, they have a wider use in amenity grassland maintenance and heathland management.

As autumn approaches on the estate, once the harvest is finished and the wildflowers have seeded, then the Omarv is used to cut back and gather all the dead growth for forage.

David Andrews has been a working foreman on the estate for 38 years. He is impressed with the Omarv and the sheer amount of material it collects. "It fulfils an important role,



The Omarv TER 190 in action

not just with clearing the wildflower fields and Heathlands, but also helping to prepare the areas around the gun stands for the annual shoots."

"We run a very busy, very active estate which is also open to holiday lets. All the grounds have to be controlled in an environmentally friendly way - the Omarv helps us achieve this goal."



Desso grass plant with all organic removed



Koro reinsurance policy

Maintenance of football surfaces has become an accepted practice in the UK, and some other countries. When suitable maintenance practices are not put in place the playing surfaces can rapidly deteriorate. In high profile professional stadiums these poor surfaces can draw very negative worldwide media attention.

Recently we were asked to install a Koro Field TopMaker (FTM) 1.50mtr complete with the new Universe® rotor for the clean out of a Desso GrassMaster pitch in Russia. But the difference was it was in December! Andy Cole of Sports Turf Research Institute (STRI) drew up a plan of action to remove the excessive build-up of organic layer and clean out down to the original sand surface, approximately 50mm.

The renovation took advantage of the

durability of the GrassMaster surface to facilitate a total clean out and grow-in of a pitch in the harsh conditions of a Russian winter. This is only possible to achieve using the Koro Field TopMaker and Universe® rotor combined with other technological improvements in surface maintenance.

In this instance the Koro FTM was used to create a stable playing surface in an extremely hostile period for growing grass. Ideally a

Koro renovation / preparation will benefit all natural grass playing surfaces and should be carried out before a problem arises, and when conditions are more favourable. By servicing your pitch can you keep your standards at their best and avoid criticism from the outside world.

The Koro renovation methods is part of a football clubs insurance policy to protect from the risk of a failed unstable pitch playing surface.



Campey play a part in Japan's nuclear clear-up

Natural disasters both fascinate and horrify us. When the Tohoku earthquake and subsequent tsunami struck Japan in March 2011, everyone was appalled at the devastation which resulted in the deaths of around 19,000 people, effecting 115 cities in eight prefectures (regions) of Japan.

Further horror was to come with critical damage to the Fukushima Daiichi Nuclear Plant. This third disaster resulted in radioactive contamination of soil and grass in and around 53 cities.

The humanitarian response to the earthquake and tsunami was massive and immediate. But the long term effects of environmental nuclear contamination needs years of recovery and Campeys are proud to be able to play a small but significant part in this process.

In the months following the disaster, the Japanese Government took measures to decontaminate the worst affected areas. The Ministry of the Environment experimented with many different ways to reduce the radioactivity held in the grass and soil of public spaces and sports fields.

The Toyo-Green Group is one of the foremost companies in Japan specializing in turf grass science, engineering and management, and is the Japanese distributor for Campey products. Since the nuclear disaster the Toyo Maintenance

department has been applying its expertise in this field by implementing effective methods of nuclear de-contamination in soil and turf.

David Harrison, Export Sales Manager for Campey Turf Care Systems, working with Toyo Maintenance were able to give advice on available equipment to assist them in their de-contamination campaign. The recommendation was the Koro Field Top Maker (FTM) - a heavy-duty fraise mower - used all over the world to renovate professional sports pitches and other sports turf facilities.

"The Koro FTM gets rid of unwanted surface matter such as poa annua, thatch, weeds or the entire surface to a depth of 50mm, and has proved to be the ideal machine to tackle this problem" explained David.

"There is now a fleet of Koro FTM's being used to remove the top surface layer of contaminated turf, where radioactivity had been absorbed into the layer of thatch. By doing this, and burying the spoil in specially lined pits, contamination can effectively be reduced to a safe level. The precision depth setting of the Koro FTM allows turf to be stripped accurately at levels that will regenerate without having to be re-instated at additional cost."

The Koro FTM has received official backing from the Japanese Ministry of the Environment and no time is being lost putting them to work. As the only machines of its type approved for use on the nuclear clean-up project in Japan, they are already



in action in the affected zones, cleaning up parks, sports fields and residential areas, as well as going into rice-paddies and hay fields too.

Decontamination in this form will be completed by March 2014 but many of the cities closest to Fukushima will take several more years of intensive clearance and re-construction before their open spaces are safe to be used again.



A year to conquer Asia

After a year of touring Asia Export Sales Manager David Harrison can happily report that he has successfully introduced the continent to a whole host of new sports turf products and maintenance techniques.

As a result of his extensive campaign a major distributor to the sports turf and golf industries in this part of the world - Centaur Asia Pacific - has been appointed to represent Campeys in this important and rapidly expanding market.

Centaur Asia Pacific has offices in Hong Kong and Singapore and currently represents internationally recognized equipment, products, and tools for the Golf Course, Sports Field, Nursery, and Landscape markets throughout Asia.

Nigel Taylor spokesman for the company expressed his delight at being part of the Campey Global distribution network "We are very pleased to have such a strong company such as Campey Turf Care to work with.

Not only are we adding quality products with established names such as Koro, Imants and Raycam to our repertoire, but we have the sales, service and back-up support from one of the leading machinery suppliers in Europe."

"We are already established in Asia as a distributor of top class brands with excellent pedigrees. These products will enhance our reputation even further."



The Imants Greenwave working in Asia

The appointment has convinced David that all the investment in time, travel and follow up has paid off. "It has taken a lot of hard work, patience and persistence, but the seeds of best practice have been sown. With the interest and enthusiasm shown by the team at Centaur, the market for our products will continue to grow in the coming years."



Introduction to the Koro

Asian Golf Industry Federation Invitation

At the invitation of the Asian Golf Industry Federation (AGIF), David Harrison was invited to give a presentation at the Malaysia Golf Association International Symposium in Kuala Lumpur in September.

The presentation on Golf Course Renovation, focusing on the latest techniques and

machinery was attended by around 100 delegates from around S.E Asia. Supported by local distributor, RS Machineries, the 2 day event also included a demonstration session at the Royal Selangor Golf Club, where both the Koro by Imants Field TopMaker 1500 with Universe® Rotor and Koro Recycling Dresser were presented. This was the latest of a number of seminars, conferences and training days held in Malaysia in the last few years.



Why Koro?

For a champion court

It's been an exceptionally good year for Neil Stubley Head Groundsman of The All England Lawn Tennis Club. His first year in the job and he hosts the first UK Wimbledon Champion since Fred Perry in 1936.

Mind you, he didn't have much time to stop and savour the moment. The courts are open to the members from Mid-May - literally until the Saturday before the Championships starts. The 41 grass courts get around 7,500 hours of play for The Championships, (including practice week). Within 72 hours after the end of the competition they have to be available again to members. No pressure there then!

The prolonged wet weather of the previous two winters had resulted in games being cancelled and pressures to keep the courts open for longer. "This summer has produced ideal conditions for general court maintenance" said Neil "We have had a mixture of warm spells with rain in between which allowed us to carry out the different processes with little interruption. An ideal condition for seed germination is around 20 degrees – although it did get a bit extreme in August – with temperatures hitting 30 for a short while."

Neil addresses the general maintenance/recovery programme of all the courts from mid-July onwards, but September is the crucial period for full renovations. "We originally worked to a 3-4 year cycle but since 2007 every championship court at the end of the season is fraise mown and starts afresh with new grass," said Neil. "Practice courts are treated every 2 years, but this can extend to 5 years if the weather is persistently bad."

Renovating a court starts with irrigation. The court is flooded to allow a deep spiker to penetrate the compaction before koro-

ing. Koro-ing has been a regular part of the renovation programme at Wimbledon since introduced by the much celebrated and respected Head Groundsman Eddie Seaward in 2001. Neil has added a further two modular 1.20mtr Koro Field Top Makers (FTM), to his maintenance fleet.

The first modular FTM is fitted with the deep scarification rotor, which enables Wimbledon to linear aerate and prepare a seed bed for overseeding. The second FTM is fitted with the new Koro Terraplane® rotor which removes all the unwanted organic material and Poa Annua plants, leaving a perfectly level surface, ready for aeration and overseeding.

Neil explains why how the statistics back-up the decision to Koro so regularly. "These courts are seeded with perennial rye-grass but were particularly prone to thatch and poa annua.

"Since koro-ing we have gone from 60-70% poa annua to virtually 0%. In separate trials we have monitored the speed at which poa annua returns if we don't fraise mow. The figures are very interesting – in the first year the return is a mere 2-3%, years 2 and 3 still remain just about in single figures. But year four shows a radical jump to 30%."

When taken in the context of the cost of investment in machines Neil describes how it just makes economic sense to be relentless with the koro-ing programme. "Do the maths" he says. "The cost of investing in equipment against the cost of fungicides and extra man-hours to maintain older grasses and



1 week after Koro FTM



3 weeks after Koro FTM

the years of continually spraying the grass. In addition the courts are of excellent quality and hardy enough to cope with more games. Within 2 years of our renovation programme we no longer spray at all for disease only pre-tournament preventives." After koro-ing, the playing surface is scarified and then the flat, clean surface is re-seeded and topped with a fertiliser. It is then covered with a germination blanket for about 5 or 6 days, and then irrigated.

When the grass has grown to 25cm it is cut back to 20mm with rotary hand mowers, and after 2-3 weeks mowed again to 10mm with cylinder mowers to achieve a height of 10mm. A clay top dressing is applied and finally levelled with a wide lute to produce a perfect level playing surface on the finest grass court surfaces in the world.

Alan Ferguson Head of Grounds and Estates at St George's Park, home of the national football centre explains why the Koro Field Top Maker is an essential part of any pitch renovation programme.

"With the demands on groundsmen to continuously produce top class pitches it's a must. The use of the parks pitches since we opened has been unbelievable. We are still running at 84% occupancy of the pitches. Renovation of the pitches can be difficult when time is at a premium.

I don't believe effective renovation can be achieved without using a Field TopMaker and the Koro is undoubtedly top of its class.



Koro FTM with Terraplane® rotor

I first used the Koro system to great effect at Ipswich Town FC before moving to St. Georges Park. Since then two more rotor options have been added - Universe® and Terraplane® rotors. In any one season the pitches will perform differently and I like to have the options that the Koro Field TopMaker offers. These make the Koro system very versatile in delivering a complete renovation programme.

The technique of removing all herbage has been enhanced even further with the new Terraplane®. Surface cleaning, with almost a complete removal of all herbage in one pass, is unrivalled. Even in damp conditions the volume of material removed is impressive.

We have been very pleased with the performance of the renovation kit we have assembled on site from Campey Turf Care and they have been an essential partner for us in achieving the success going forward."

Blumisberg Golf Club stays fully open during renovations

Richard (Richie) McGlynn, took up the position of Course Manager at Blumisberg Golf and Country Club, in Fribourg, Switzerland in 2011. He found that the fairways in particular had severe problems relating to compaction, excessive thatch and a dominant poa sward, resulting in issues like, dry-patch, die-back & Chafer grub infestation.

And so began the first stage of an ambitious ten year project to renovate all the fairways without closing any of the holes.



Chalk & Cheese! (1st September 2013)

Various renovation practices were considered to achieve this, culminating in the decision to strip the existing turf off the worst areas, de-compact the ground and re-seed with a new grass mixture. As a primary tool in the renovation process, Richie purchased a Koro Field TopMaker 1500 complete with digging rotor, an Imants Shockwave 220 and a Dakota 550 trailer. All supplied through Campey's Swiss distributor Gemac.



3rd Fairway renovation (October 2013)

In October 2012, after using the Shockwave 220 to de-compact the fairways down to a maximum of 38cm, the worst part of a fairway was stripped with the Koro Field TopMaker



Spring-time opening, the renovated fairways were back in play

and over-seeded with a Vredo Compact seeder, using a mix of 60% Fescue, 20% Ryegrass & 20% Kentucky Bluegrass.

Some growth & re-generation was evident before the course went into winter dormancy, but by the time the course re-opened in the springtime, the results were outstanding.

"We are now into the second stage of our ten year fairway renovation project," said Richie "And I believe we are winning the argument for the decision not to close any of the holes during the renovations."

He explained further "We are taking out sections of fairways one by one. When we tackled the third fairway for instance, last July, we removed a 1/3 of the section in question and the golfers could play towards the left of the hole. We then made 3 dropping zones for those that were just that bit too far right. Within 5 weeks we had it open again, first with teeing up their shots and a few weeks later they were able to play normally."

There was some initial opposition from members, but the difference between the untreated fairways and the newly renovated areas soon became very apparent during the barren months of July and August.

"The difference was so striking," said Richie "That when we came to work on the other side of the fairway, there was far more support this time. In fact two members actually took the trouble to go to the office and remark at the huge difference it had made. So thankfully we seem to be winning the support of the players - which is half the battle!"

The effectiveness of Koro-ing and the fast recovery period is the secret of Richie's approach. Over time he will completely renovate the whole course with minimum disruption and maximum improvement for the future quality of golf played at Blumisberg GC.

French racecourse director praises shockwave

One of France's leading racecourses has purchased the Imants Shockwave through French machinery distributor Hydraparts, and declared its "excellence" in maintaining the unique course characteristics.

Saint-Cloud Racecourse covers an area of 75 hectares and is situated right in the heart of Paris - the only Parisian racecourse to have the rail on the left.

The racecourse hosts 27 race meetings per year, which represents nearly 2,500 horses competing on the track.

Course Director Jean Guillaume d'Orlandes says: "We wanted to maintain the excellent condition of the soil structure and rootzone without causing damage or leaving deep impressions on the surface of the track. We chose the Shockwave because it met the criteria."

The track itself covers 19 hectares and is created from the natural soil texture of clay loam, with a high content of organic matter.

Renowned for its natural flexibility, there is little problem with drainage - nor is there any issue with intense compaction. But Jean-Guillaume decided to include the Shockwave as part of the on-going maintenance programme because of its lack of disruption to the surface when it's working.

In recent years the mechanisation of track maintenance has centred on heavy equipment. However, the Shockwave was able to operate at the depth of soil profile they wanted to work - 15 to 25cm maximum. "Speed of operation per hectare was fast," says Jean-Guillaume. "Our racing calendar leaves little time between meetings to complete the cultivation operations."

"We can use this machine on both the racecourses of France Galop - Longchamp and Auteuil - very efficiently." He continues:

"It is quick to set-up and easy to operate. Maintenance is also very simple."

"We have been very satisfied with the speed of recovery of the turf over the slots left by the blades - just 10 days."

"At the end of 15 days we had achieved good consistent readings indicating excellent soil structure," he said.

"We cancelled the last scheduled spread of fertiliser because of the positive results created by the Shockwave."

"Certainly the climatic conditions of this year have been favourable to encourage the regeneration of our turf surfaces."

"But I am in no doubt that the work of this implement on the root profile has helped improve the mineral content and natural elements of the soil."



Investment in Vredo pays off

Overseeding the greens at Lancashire based, Clitheroe Golf Club has proved to be a very wise move for Course manager Andrew Geddes.

He took the decision to purchase a Vredo Supa Compact DZ212 overseeder last August following a trial the year before. "I had to convince our greens committee to invest in the Vredo," said Andrew. "So Campeys Ian Campbell arranged a demo last summer and we over-seeded the greens with Bent grasses to show how effective it would be."

The Vredo Supa Compact over-seeder with its patented double disc action ensures accurate placement into the soil. This guarantees virtually 100% germination. Within 3-4 days Andrew could see the new growth and this

continued to be evident throughout the autumn and winter months.

Andrew explained: "I could show tangible, visible results to the committee very quickly. It proved that the overseeder was effective and there was no wastage. They agreed with me that it was clearly an investment worth making."

Apart from the greens, which will be over-seeded on a rolling programme every August, Andrew is intending to utilise the Vredo on other parts of the course to enhance the sward

around the course generally. The aprons, tees and pathways which carry high traffic will gradually be improved by introducing more seed over a period of time.

The Vredo is part of a general improvement programme," said Andrew. "We have also increased top dressing from 100 to 150 tons per year help to decrease the amount of organic matter in the soil structure."

So far the course committee are delighted with the progress that is being made and consider the Vredo a positive asset to the club.





Dakota is a light weight at Aviva

Aviva stadium reopened its doors in 2010 and seats a capacity crowd of 51,700. The original multi discipline ground at the Lansdowne Road site since 1872 prior to its closure in December 2006, it was the oldest rugby union ground worldwide & oldest sports stadium in Europe.

Majella Smyth, Head groundsman is well aware of the responsibility attached to maintaining such a prestigious venue and uses the best equipment available to keep standards at peak level. One of these machines is the Dakota 410 Turf Tender which Majella uses to apply sand

“Although not the largest model available for a pitch of this size, we chose the Dakota 410 turf tender for good reason,” explained Majella. “At one end of the stadium we have quite a steep run-off. A large spreader would need to turn on the pitch itself to ensure total coverage when spreading sand. The 410 is a smaller, lighter machine which is more manoeuvrable and won’t cause any compaction on the turf.”

He went on to say “It is great little machine, it still has the same simple calibration system and the spread pattern is so accurate there is no wastage.”

Next season Majella intends to use the Dakota to help combat algae by adding a granular product through the Dakota. “With the lack of light plus irrigation during the December-February months,” he said, “it encourages algae, so we need to keep it under control. The Dakota is an excellent tool for targeted treatments.”

The Dakota 410 is specifically designed for the fast transportation and application of top dressing. It will handle both wet and dry materials, allowing light to heavy dressing so is ideal for use on golf courses and sports fields.

Teamwork brings success

Teamwork, that’s what good business is about. Building relationships with the men and women in your company and the companies you work with. This applies across borders of countries and cultures.



Imants Rotoknife in action

Which is why Campey Product Specialist David Briggs and demonstrator Andrew Pickin covered 3500 km in Campey’s Lorry, with a full load of equipment? Destination - the beautiful Golf Club Pavoniere, Tuscany, in Italy.

The purpose? - a full day of presentation and demonstrations of innovative machinery for sports turf maintenance to a group of 120 greenkeepers and groundsman gathered from across Italy.

The day was arranged by Actis per Golf, Campeys’ Italian distributor, in co-operation with John Deere Golf and the official organisation for TURF in Italy.

Domenico Actis spoke on behalf of the company. “Star of the event has been, without doubt, the new AIR 2G2. Seen for the first time here, it has captured the interest of the golf market with its “zero” damage approach to decompaction.”

“But not taking anything away from the whole line of Imants equipment from the Rotoknife to the well-known Shockwave. All have caught the imagination of the greenkeepers and Golf Directors that spent the day with us.”

The day proved a success and as Domenico acknowledged in the light of a general lack of enthusiasm in the Italian market – “the positive feedback from the day has given great hope to all of us, active in turf and golf, that the future will be greener.”

He gave special thanks to David and Andrew for their participation in the day and in

particular for also arranging the delivery on the day, of a Koro by Imants TopDrain 1500 which had been sold to Scaffa s.r.l. - a very important Actis customer involved in construction and maintenance of golf and soccer pitches.



Visitors watching the Air 2G2 demonstration

David Briggs was delighted with the event “We have had such a lot of interest from our Italian colleagues,” he said. “The simplicity and effectiveness of the Rotoknife has been quite a talking point, and the Air 2G2 got a great reception. Actis is confident that these will prove successful for them in the future.”

Think the unthinkable!

Simon Gumbrell looks at how the Americans turned the unthinkable into reality, growing a sports field from clean to playable in just 16 days!

I have now twice personally witnessed the operation of cleaning Bermuda fields out of all the thatch and organic build up, down to the rootzone, leaving a thatch free surface and the Bermuda grass / stolons ready for a healthy and almost immediate regrowth.

The initial trials in March 2013, at FC Dallas proved very successful, with clean out of organic build up and sod layer. The reaction of both Allen Reed and Miles Studhalter the head groundsman is something I will remember for a long time. It was a mixture of utter delight, disbelief, excitement and fear! The grow in at FC Dallas was slower than expected due to an exceptionally cold spring this year in TX, but both Allen and Miles are very happy with the results.



Koro FTM working at FC Dallas

Next stop was Green Bay Packers to see Allen Johnson and absolutely "no" Bermuda, but what a credit to good groundsmanship and very hard work. His stadium and practice fields are Kentucky blue with Desso Grassmaster.

Maryland Soccerplex was my second experience of the Koro Bermuda renovation method. Jerad Minnick, possibly one of the most adventurous and talented groundsmen I know, is the person who I first discussed the idea of using the Universe® Rotor to clean out Bermuda pitches with fast grow in (the idea was conceived in a very professional way - Jerad and I being drunk on a train after watching the Washington Nationals).

Three of the eleven Bermuda fields are to be cleaned out in a three week period using the Koro Universe® rotor, and the clay based pitches will be taken out of play. Two pitches can be Koro'd in a day and all the required organic material removed.

The field then has two weeks to grow back in, with no sprigging, seeding or sodding and then will be marked out and the posts erected. This to me is astonishing!

When I arrived at the Soccerplex on the Saturday morning the place was brimming with spectators and teams of all age groups playing competitive or friendly games of soccer. There was a soccer school of about 200 children aged 3 - 4 years old on the stadium field. Their parents were sitting on the grass or perimeter encouraging their little ones, and I thought how fantastic for the children and parents. My second thought was, how - with temperatures of 80+F? I would not want to play if it was plastic grass, how fresh and relaxing good quality natural fields are to play on in hot weather.

The Koro Universe® trials then moved on to NC, but this time into the golf environment of Eagle Point Golf Club, followed by Landfall Golf Club. Two high quality courses with equally high expectations by the membership.

The trials on celebration and 419 were again received with the mixed enthusiasm as at FC Dallas, but when you are told to carry on and questions about other applications and can it be used on greens, you know you are getting accepted.



Koro FTM working at Landfall Golf Club

The Landfall Golf Club in NC, can go down as the first golf club ever to put the Koro Universe® rotor across a green! Eric and Jeff, showed nerve to allow an unknown Englishman to trial a potentially aggressive method on their course, but because of a very accurate height adjustment I could minimize the risk!

Each time I visit the States I am impressed with the fact the people I meet want to improve their natural grass surfaces, no matter what their budget! Or have I just been lucky with who I meet?

My next trip took me to the west coast of the USA. Shaun Ilten the Head Groundsman of LA Galaxy had invited Paul Burgess of Real Madrid and I to undertake a Koro renovation of one the pitches at the StubHub centre.

More information is available at www.growinggreengrass.net

NEW PRODUCT

New Mini-Rotoknife can still 'cut it' with the big boys!

Being small doesn't necessarily mean less effective. What the new Imants Mini Rotoknife from Campeys lacks in stature it makes up for in speed and performance.

What you get is a multi-purpose linear, disc-aerator that will relieve surface compaction, improve aeration, reduce thatch build-up and remove surface water, in a single pass.



Imants Mini Rotoknife in action

This amazing little machine packs a real punch as it moves quickly across the surface. Whether towed or mounted behind a truckster or compact tractor, it applies itself to combatting areas of general wear and tear, or areas that need help recovering from excessive use.

A disc rotor with 3 settings gives flexibility in working depth and linear spacing, allowing deep-slitting to a depth of 100mm, or shallow slitting at 50mm spacing. It is ideal on warm or cool season grasses.

The Imants Mini-Rotoknife is a versatile, effective aerating machine that may be small but can still 'cut it' with the big boys!

Campey Turf Care Systems



Marton Hall Lane, Marton,
Macclesfield, Cheshire
SK11 9HG United Kingdom

Tel: +44 (0)1260 224568

Email: info@campeyurfcare.com

Web: www.campeyurfcare.com

Social Media

 Campey

 CampeyTurfCare

 CampeyMachinery