

# GI

# NEW PRODUCTS

The latest products at BTME 2012 reviewed



## Cushman Turf Utility Vehicles

Ransomes Jacobsen, presented a new range of turf utility vehicles at BTME 2012 with the launch of the Cushman Hauler.

Cushman is a name synonymous with rugged, versatile utility vehicles; they introduced the first purpose designed utility vehicle for the golf sector – the Turf-Truckster – in 1969 and this latest range of vehicles continues that heritage.

When the job requires a vehicle that can navigate over and through the toughest terrain, look to the Cushman Hauler 1200X (above).

The Hauler 1200X is available as a fully electric model powered by a 48-volt drivetrain that offers 15.2 cm of ground clearance and a total carrying capacity of 454 kg.

Both models feature rugged tyres and a 0.27m<sup>3</sup> cargo bed; for jobs that require more capacity, the vehicle is also offered with an optional 0.42m<sup>3</sup> aluminium cargo bed. Light dispersion in front of, and around, the vehicle's front providing high visibility at dawn or dusk.

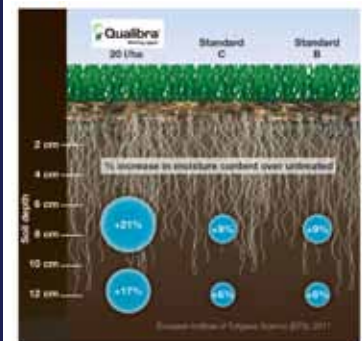
[www.textron.com](http://www.textron.com).



## Xtreme

Shown at BTME for the first time were the Coremaster Xtreme aerators. These produce vertical aeration holes with no distortion or disturbance of any sports turf surface including fine turf or fairways.

The Imants GreenWave takes the tried and tested 'Shockwave' principal and applies it in a moderated form to fine-turf playing surfaces such as greens, tees and bowling greens. It has been adapted and designed specifically to tackle compaction in fine turf areas where minimum disruption is essential.



## Qualibra

A new concept in wetting agent technology from Syngenta was launched at BTME.

Qualibra combines the best attributes of both the penetrant and polymer type products, into one easy-to-use solution - quickly moving water away from the surface to optimise playing quality, and then holding soil moisture more efficiently, evenly and deeper within the root zone.



## Breaker Dynamic

Breaker Dynamic is the new generation wetting technology from Rigby Taylor

Introduced alongside six other new products at Harrogate Week, Breaker Dynamic is the latest wetting agent from Rigby Taylor to offer water-related problem management, including the control and prevention of Dry Patch.

Blending surfactants and penetrants, Breaker Dynamic alters the structure of water molecules, allowing them to spread out and move through the soil profile and thatch layer to where they are needed in the rootzone.

The complex chemistry used in the product provides a long-term link between water repellent soil and irrigation.



## Verti Cutter

Charterhouse Turf Machinery introduced the the new Verti-Cut 1200 dethatcher, which employs specially designed Verti-Cut blades that cut the lateral growth of grass roots and remove dead plant material, allowing better water penetration and more room for healthy roots to grow.

Equipped with a 5.5hp Briggs & Stratton engine or driven from a tractor PTO, the Verti-Cut 1200 offers a 1.2m working width and depending on ground conditions can work to 25mm deep.

The latest addition to the Verti-Drain range was also presented at BTME.

The new high speed 2216 can decompact to 24cm. Combining the Verti-Drain design with the latest technology, the 2216 can decompact much more quickly and efficiently, while giving the opportunity to work deeper when required and at 1.6m wide it is the ideally suited for the golf course.



## BSH to Charm the US Open Course

AberCharm has been UK-bred for UK conditions. It boasts excellent shoot density and summer and winter greenness, offering the opportunity to improve the visual quality of their greens year round.

The Slender Creeping Red Fescue *Festuca rubra* ssp *litoralis* produces rhizomes and a very dense compact sward with strong dark green colour which is maintained throughout the year. It also resists the major fungal diseases.

Highlighted in the British Seed Houses catalogue's dedicated section on bentgrasses, TYEE & 007 'Superbents' also created interest at the show.

The 007 was developed using 24 parent plants which enables these varieties to deliver the same results all around the world from the extreme heat of Morocco to the harsh cold of Western Siberia.

All parental clones were selected for a medium bright green leaf colour which does not display purple discolouration in cold weather and their vigorous uniform growth habit, as well as improved Dollar spot resistance

TYEE is widely adaptable to both warm summers and cold winters and produces fine leaf texture and turf with extra density which outcompetes poa annua. It provides excellent disease resistance, especially to Dollar spot and Fusarium and offers the benefit of reduced fungicide application. For use on greens and tees, TYEE produces superior putting greens.

Both varieties have made a strong impression on leading Course Managers and Superintendents and their qualities will be in the spotlight on the US Open course at the Olympic Club in San Francisco and at the Medinah Country Club, Chicago, the Ryder Cup venue for 2012.



## New Trilo

Trilo and The Grass Group has introduced the new Trilo B7 three-point linkage mounted blower at BTME,

Featuring a hydraulically operated 180 degree reverse spout, the B7 has wide castor wheels and the anti-scalp roller on the back to follow the most extreme undulations on the golf course.

This lightweight blower has a statically and dynamically balanced impeller to ensure smooth and vibration free operation. It also has a 340 cubic metres/min airflow. Weighing in at 210kg, it can be operated by tractors from 30hp with a Cat I or II linkage.

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More New Products next month



## AerAid

Dennis and Sisis presented their turf care machinery ranges on the companies' joint stand at BTME, demonstrating how they complement each other for the care of fine turf.

Production of Sisis product moved to Dennis' Kirk Langley, Derbyshire base last year when parent company Howardson Ltd purchased Sisis.

Latest in the line-up of technologically advanced mowers from Dennis is the Razor Ultra, designed to give a

tournament finish even on undulating greens.

Developed specifically to cut golf greens and tees, cricket pitches and bowling greens, the Razor Ultra has an 11-bladed cutting cylinder, tungsten tipped groomer for lateral growth control and 56cm cutting width.

Its ultra-short wheelbase improves manoeuvrability on the green and the operator-friendly design includes 'no tools' click height adjusters and stub free transport wheels.

Heavy duty independent

cutter and roller clutches give a smooth take up for ease of operation and a consistent finish while powered transport wheels make for quick transit between greens.

The Javelin AerAid aerates up to 127mm deep with minimal surface disturbance while injecting compressed air into the soil for the ultimate decompaction effect.

Its cam trigger mechanism ensures that the air is always expelled at the bottom of the tine penetration, enabling treatment to be targeted precisely and consistently.



## Clipless

Headland Amenity announced two new products at the Show - Elevate Fe and Clipless.

Elevate Fe offers a user-friendly and cost effective liquid iron feed, ideal for tees, approaches, fairways and semi-rough but also for use on all coarse and close-mown areas including racecourses and sports pitches.

Clipless reduces turf height, improves sward density and cuts down on mowing frequency.

Suitable for use on all turf areas, Clipless contains 120g/litre trinexapac - ethyl and works by blocking the production of gibberellic acid within the plant leaf, stopping cell elongation and upward growth.

The turf requires less mowing, with potential savings of manpower and cutting machinery costs. Clipless is also a useful tool to help reduce mowing frequency in difficult or dangerous areas such as steep banks etc.



## Total Eclipse of the Mower

Ransomes Jacobsen unveiled a refreshed version of the popular Jacobsen Eclipse walking greens mowers, the Eclipse2. Building on the quality-of-cut and control of the original Eclipse, it allows Course Managers to customise and control mower settings to varying course conditions.

Retaining the electric motors for traction and cutting reel drive, they are available in three cutting

widths 45.7cm 55.9cm and 66cm all with an optional petrol engine or drop-in battery pack.

The patented floating head allows the lowest heights of cut without scalping, even on the

most undulating greens, and a wide array of frequency of cut (FOC) settings combine to produce a smooth and consistent playing surface. The Eclipse2 features a true automotive differential, which provides excellent tracking by driving the traction drum from one point, making it easier to track straight across the green.

On the hybrid version, with a Honda petrol engine powering a 48-volt generator, the engine has now been mounted through 180 degrees giving a better balance to the machine. The mounting slots for the generator and battery pack have been extended giving greater flexibility to increase or decrease the weight on the front roller.

## PowerStar



New Holland unveiled its new T4 PowerStar utility tractor equipped with turf/amenity tyres this week at the Show.

The powerful machine, which is available in three models from 55hp – 75hp, includes the revolutionary new VisionView Cab – a market leader, which is 20% larger and includes a hi-vis roof panel, ensuring excellent operator

comfort and visibility.

Complete with turf/amenity tyres and compatible for an integrated front-end loader, the new T4 PowerStar makes an ideal loader or utility tractor, and includes a passenger seat as standard to enable two people to travel securely and in comfort.

[www.newholland.com](http://www.newholland.com)



## Kioti

RECO showcased the latest addition to the Kioti range of compact tractors at BTME which is now available exclusively from RECO.

The introduction of the RX tractor sees Kioti bridging the gap in its existing horse power offerings with this 59hp compact.

The RX6010 is fitted with a streamlined one-piece bonnet hood, providing easy access for servicing and maintenance, along with a large capacity (90 litre) fuel tank. A deluxe air-conditioned cab helps keep the operator comfortable whatever the weather and new projection headlamps offer increased visibility and safer operating conditions whilst working or travelling in the dark.

The tractor features 12 x 12 speed manual transmission with a dashboard mounted lever for ease of use, along with an Auto PTO for increased safety when using implements.

Featuring a heavy duty three-point linkage system with cat II ball hitch with a lift capacity of 2,378 kg, the RX is suitable for use with heavier implements thus increasing the versatility of the tractor.

## Green Master



New from Toro for 2012 is the Greensmaster eFlex, an all-electric pedestrian greensmower that boasts a lithium-ion battery for an unbeatable performance from a 'greener' power source. This also makes it Toro's quietest greensmower ever.

The inclusion of a lithium-ion battery provides a consistent performance over its five-year life expectancy and is capable of cutting up to nine greens on a single charge.

Improved operator controls, including an automated 'EZ-Turn' feature, provide operators with even better control and comfort at all times.

Fitted as standard, EZ-Turn is selected according to the user's preferences and pace, and automatically slows the mower down at the end of a pass and speeds it up again on the return pass.

Visit [www.toro.com/eflex](http://www.toro.com/eflex)



## Grand Master

Kubota presented its Grand L40-Series, which offers a range of tractors for all groundcare and greenkeeping operations.

The range includes five models with a choice of ROPS or air-conditioned cab, three transmissions and numerous tyre sizes, so there is a Grand L40 tractor to match any task.

At the heart of the Grand L40 series is the E-TVCS water cooled diesel engine which provides increased air flow into the combustion chamber to produce greater power, efficiency and cleaner emissions.

Models are the 37hp L3540, 44hp L4240, 52hp L5040, 54hp L5240 and 59hp L5740, representing an excellent range of horsepower for tasks such as aeration and decompaction, seeding and topdressing, handling high capacity mowers and of course, towing and loading.

Glide Shift Transmission can be specified on the 52hp L5040, giving 24x16 speeds and clutchless shifting for more demanding operations.

Kubota's new HST Plus transmission is featured on the two top of the range models, the L5240 and L5740.

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