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NEW PRODUCTS

The latest products from Saltex 2009 reviewed



Toro

Toro launched the ProCore Soil Reliever (SR) aeration range as well as the eco-friendly new Workman MDE electric utility vehicle.

Offering effective aeration up to depths of 40cm, the ProCore SR Series of deep-tine, tractor-mounted aerators alleviate subsurface soil compaction on applications spanning sports fields, parks, golf greens and fairways penetrating through the compaction layer sometimes caused by traditional aeration methods.

The SR Series' tines fracture the soil, creating channels through the rootzone that allow oxygen, water and valuable nutrients to penetrate deep into the soil profile, improving drainage and deep root growth. Turf is healthier and more vigorous as a result, in turn helping to guard against disease and making more efficient use of fertilisers while also reducing water usage.

The Workman MDE is an electric-powered utility vehicle launched as part of the new Workman MD Series line-up. Packing all the power and performance of Toro's mid-duty petrol-driven models in a quieter, cleaner and more eco-friendly package, the MDE is ideal for groundsmen and greenkeepers keen to reduce the environmental impact of their fleet.

Powered by a 48V, 500-amp motor, the MDE is equipped with extended-run batteries and regenerative braking for a longer-per-charge work capacity.

Toro has combined the MDE's enhanced suspension with an innovative Active In-Frame twister joint, which allows each axle to react independently to the terrain. This means that all four wheels can maintain constant contact with the ground for better traction and stability, plus less potential turf damage.

www.toro.com

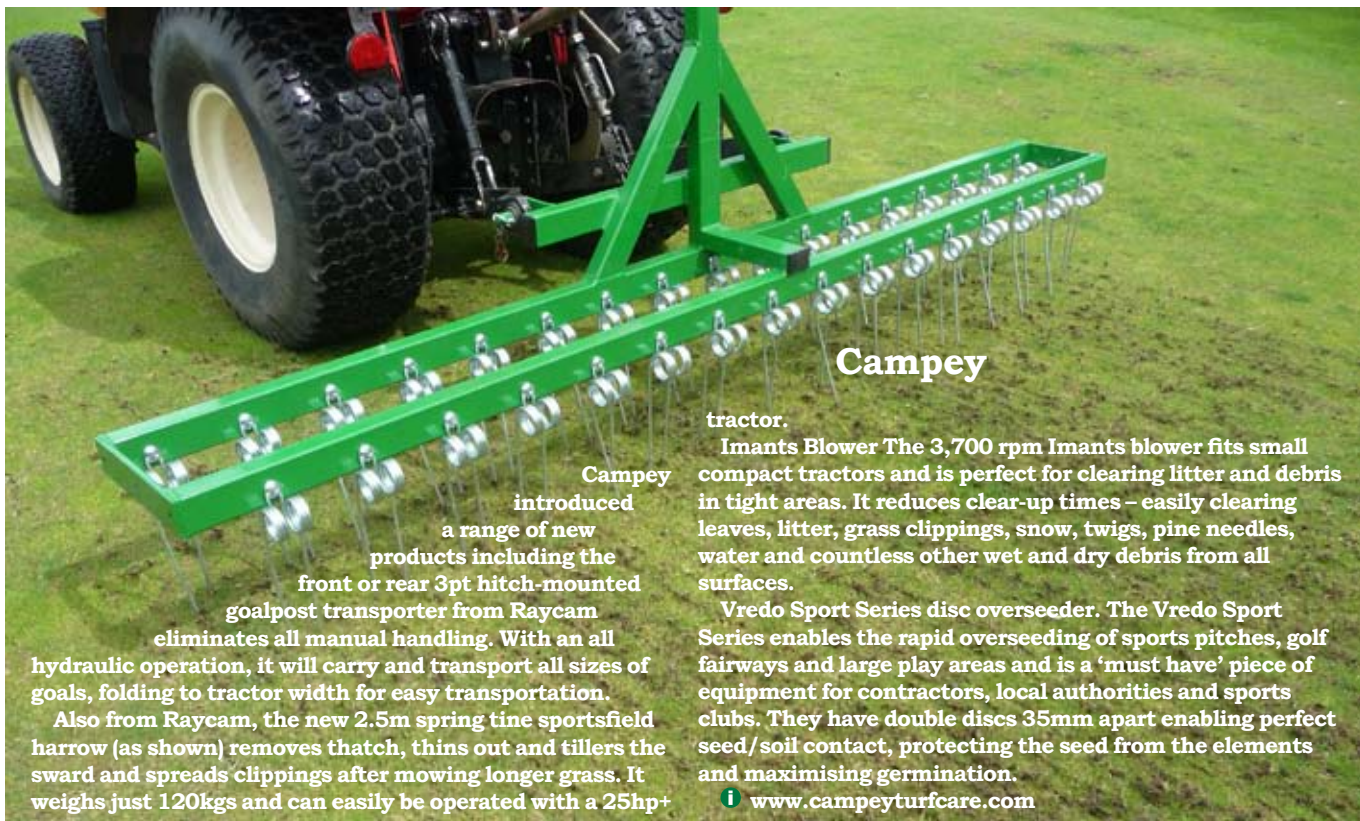
Etesia

Etesia launched a 4-wheel drive ride-on rotary mower – the Hydro 100DX BPHPX. Hydraulically operated with four individual wheel motors, the drive system is permanently engaged to ensure optimum grip when working in difficult mowing conditions. This enables the machine to take slopes, banks, uneven ground and potholes without wheel spin and scuffing.

It has easy-to-use forward and reverse hydrostatic drive with high-tip emptying of the grass box up to 1.80 metres. With its 100cm cutting deck, easy manoeuvrability, and tight 1.10m-radius turning circle, this ride-on is as at home mowing parks, open spaces, sports venues, verges and lawns as it is maintaining awkward smaller areas of grass. Operators can work at speeds of up to 12km/h in the assurance that there is no need to waste time stopping to unblock the chute. This is achieved through the unique design of Etesia's deck and specially profiled blade, plus its wide open ejection system.

Power is at the heart of any rotary mower, hence this high specification ride-on is fitted with a Perkins 403D-07 20.5hp 3-cylinder water-cooled diesel engine – a unit noted for its quieter, cleaner, smooth yet powerful delivery. Designed for durability and long life, this engine has a track record of proven reliability and performance and offers maximum fuel efficiency; low running costs plus longer intervals between servicing and oil changes.

www.etesia.com/uk



Campey

Campey introduced a range of new products including the front or rear 3pt hitch-mounted goalpost transporter from Raycam eliminates all manual handling. With an all hydraulic operation, it will carry and transport all sizes of goals, folding to tractor width for easy transportation.

Also from Raycam, the new 2.5m spring tine sportsfield harrow (as shown) removes thatch, thins out and tills the sward and spreads clippings after mowing longer grass. It weighs just 120kgs and can easily be operated with a 25hp+

tractor.

Imants Blower The 3,700 rpm Imants blower fits small compact tractors and is perfect for clearing litter and debris in tight areas. It reduces clear-up times – easily clearing leaves, litter, grass clippings, snow, twigs, pine needles, water and countless other wet and dry debris from all surfaces.

Vredo Sport Series disc overseeder. The Vredo Sport Series enables the rapid overseeding of sports pitches, golf fairways and large play areas and is a 'must have' piece of equipment for contractors, local authorities and sports clubs. They have double discs 35mm apart enabling perfect seed/soil contact, protecting the seed from the elements and maximising germination.

www.campeyturfcare.com



New Holland

New Holland introduced its very own touch of retro at Saltex to gauge reaction to its classic style.

The Boomer 8N was launched in the USA last winter with its distinctive styling mirroring the original iconic 8N, but combined with the very latest technology from New Holland.

The 50hp compact tractor is ideally suited to those who wish to mix the classic charm of yesteryear with the reliability and efficiency of a modern machine, whether on the polo field or golf course.

Sporting a red chassis, grey hood and fenders to give it the look and feel of the original 8N, the new model breaks away from New Holland's blue livery. Customers can have a choice of canopies, decals and chrome accessories.

Derived from the Boomer 3000, the 8N version retains the 2.2 litre, four cylinder naturally aspirated diesel engine which combines with the EasyDrive transmission for efficient, effortless driving.

Four-wheel drive is standard for improved traction and manoeuvrability, while the deluxe three-point hitch with telescoping stabilisers has 1600kg lift capacity to handle a range of implements. Attachment is eased by a two-position extendible swinging drawbar.

Modern creature comforts are provided for the driver, with a large platform, adjustable seat, and tilting/telescoping steering column, while traditional styling is continued in the instrumentation.

www.newholland.com



DJ Turfcare

DJ Turfcare launched Bio-Line from the Viano organic range.

It acts to reduce the acidity of the soil, particularly if the pH is below 5.5, but also assists with the uptake of nutrients and the decrease of moss development. The lime element helps to correct the pH while the magnesium gives the grass a healthy colour throughout the winter.

www.djturfcare.co.uk



Autoglide

Autoglide Equipment launched its UK built StarStrimme, a fast, accurate, safer alternative to hand-held trimmers working round posts and uprights.

It attaches to the back of a 30 and 50 horsepower tractor and connects to the power take off. Operated by the driver as the machine is driven down a line of posts or uprights, the StarStrimmer is simple to operate and highly effective. There is no vibration, no need for fuel thus reducing fumes and does not scalp the grass.

Effective on posts up to 15cm in diameter, the unit contains three trimmer heads which rotate around the post, as the tractor drives on, trimming the grass from all sides. It is ideal for racecourses but is equally impressive where the lowest rail is at least 30cm from the ground.

www.autoguide.co.uk

Ransomes Jacobsen

Ransomes Jacobsen launched the Highway 3™, a new triplex cylinder mower.

This new four-wheel drive machine is powered by a 33hp turbocharged Kubota diesel engine, which combined with a 6.7% weight reduction over the current Highway 2130.

It has several new features, never seen before in a commercial triple. A first for a mainstream municipal mower is the swing-out centre cutting unit, a principle adapted from the Jacobsen G-Plex III golf greens mower.

The four-wheel drive system operates on a cross-flow principle, which transfers oil from the front hydraulic wheel motor and delivers it to the opposite rear motor, preventing traction loss should the front wheels begin to lose grip.

Unique to any current mowing machine is the optional TST stability enhancement system. An inclinometer is fitted to the underside of the seat platform where it measures the working angle of the machine. At predetermined angles it activates some of the hydraulic components on the machine, increasing its stability on slopes. At 15 degrees the operator is warned by an icon on the large dashboard display that the machine has reached that angle. At 18 degrees, the hydraulic lift valves close, locking the lift arms creates an 'outrigger' effect, which increases stability. If the operator continues to a steeper slope at 22 degrees, the cutting units will shut down, to prevent mowing at this angle.

The Highway 3 features the most advanced control systems yet seen in a Ransomes mower, with many of the traditional gauges replaced with a single, multi-functional screen.

www.ransomesjacobsen.com

More
New Products
from Saltex
next month



Dennis

Dennis launched a new mower at Saltex developed with the help of its customers, who were invited to give their feedback when the design was previewed in Harrogate this year.

The Razor Ultra 560 is an exceptionally versatile cylinder mower for applications ranging from golf greens and tees to cricket pitches and bowling greens.

At the heart of the design of the 56cm cut mower is an 11-blade British-made cylinder, relief ground for a quality cut and long intervals between grinds, reducing downtime and boosting productivity.

The Razor Ultra 560 has heavy duty independent roller and cutter clutches for smooth operation and two-section cast aluminium rear roller with steel geared differential; it offers easy pull back for accurate alignment of the next run.

Manoeuvrability on tight, undulating greens is ensured by an ultra-short wheelbase. Adjustment is also made simple with a 'click adjust' to select the desired height of cut.

www.dennisuk.com

John Deere

Designed for maximum durability and operator comfort, John Deere's new 8400 Commercial triple reel mower features high capacity Jumbo cutting units and a unique Cross Cut function for increased productivity in a range of commercial mowing applications.

Key features include the 25cm six-blade cutting units, with an overall cutting width of 2.13m, and John Deere's established GRIP all-wheel drive traction system for effective mowing on slopes – both firsts on a John Deere commercial triple mower.

The Jumbo cutting units have been specially designed for cutting long grass on road verges, parks and sports fields, and other public and private green spaces. They feature robust lift arms, self-cleaning smooth rear rollers and easy reel to bedknife adjustment, with cutting height also easily adjustable from 20 to 100mm.

For more effective grass dispersion, the two front cutting units throw the grass out to each side of the machine, so that the middle unit does not have to handle the extra clippings.

The 8400 uses a turbocharged Tier 3 diesel engine with direct injection and a fuel capacity of 49 litres, to maintain high performance levels in the toughest conditions.

John Deere's Cross Cut feature is the only one of its type offered on a commercial triple mower, and makes turning and switching from mowing to transport very quick and easy. A rocker switch on the CommandARM allows all the reels to be lifted just off the ground when turning and then lowered back to the mowing position.

www.deere.co.uk



British Seed Houses

BHS's fertiliser division launched a nutrient solution which can be applied to the seedbed without compromising seedling numbers. It incorporates a soil inoculant designed to create the ideal conditions for seedlings to resist pathogens that lead to turf disease.

Two products were introduced; Fertilis Speed and Fertilis Swing are organo-mineral NPK fertilisers with magnesium, sulphur along with trace elements Boron, Iron and Zinc. The 'secret' ingredient is *Bacillus Subtilis*, a naturally-occurring, rod-shaped bacterium used as a soil inoculant.

In trials, *Bacillus Subtilis* spores were shown to grow out from a treated fertiliser granule, resting the pathogens responsible for diseases including Fusarium, Brown Patch and Dollar Spot.

Effects of *Bacillus subtilis* were shown to improve root growth nine-fold and promote more than twice the leaf growth compared to an untreated plant 21 days after application. For new sowings, Fertilis Swing at 35-50g/ m² combines NPK 14+6+17 with *Bacillus subtilis*

www.britishseedhouses.com

Kubota

Superseding the ZD Series, the new ZD326 zero turn mower is fitted with the 26hp Kubota E-TVCS D1005, 3 cylinder, liquid cooled diesel engine, the ZD326 has the power, torque and durability to take on the toughest mowing jobs. And it can work for longer, thanks to the 45 litre dual fuel tank and Kubota's outstanding fuel economy with low emissions, noise and vibration.

The ZD326 is fitted with Kubota's integral HST transmission and drive train system, which provides reliability and durability for the rigours of day in, day out commercial mowing. Each drive wheel is independently operated by two steering drive levers, which allow the machine literally to turn within its own radius.

To ensure cutting performance, even at faster speeds, Kubota's newly developed, 5.5" deep, heavy duty pro-mower deck is built to withstand long hours of mowing.

www.kubota.co.uk

