

NEW PRODUCTS

Launched at Saltex 2005

LOOK NO HANDS

A new robotic golf ball collector from Turfmech Machinery is set to make the retrieval of golf balls from practice ranges a far safer and less labour intensive job. Known as Ballpicker, the high tech machine uses the same advanced operating systems as the Bigmow robotic large area mower.

Fully automatic with manual override available as and when required Ballpicker works completely randomly within a pre defined area bounded by a buried low voltage cable across which the machine will not pass. As the battery powered Ballpicker moves across the ground, it sweeps up all golf balls lying in its path and drops them into an on board container with a capacity of more than 600 balls.

When the container is full, or earlier depending on machine programming and battery condition, Ballpicker returns automatically to the golf ball release station which doubles also as the recharging point for the machine's batteries. Once docked at its release station, Ballpicker offloads its basket of golf balls and readies itself to set off across the range on a new collection schedule. The release station can be linked to virtually all golf ball conveyors.

For further technical information Tel: 01889 271503, Website: www.bigmow.biz.



GETTING HEAVY

Rustons Engineering has introduced a new heavy duty high capacity mower and waste collector that has been designed for particularly demanding working conditions.

The Reco Panda 1805 is a versatile machine that can be used for mowing various surfaces from amenity areas to rough grass and for collecting leaves and other debris. With a scarifier fitted, it can scarify, mow, mulch and collect in one pass. It is built for long hours and arduous conditions and weighs 2.25 tonnes.

The 1.8 metre mowing rotor incorporates specially designed heavy duty flails that not only cut but also create a powerful suction effect. Cuttings are mulched by the flails and blown through a high capacity outlet to the collection hopper, which has a 5m³ capacity. The hopper lifts hydraulically and can tip at a height between 90cm and 2.2 metres from the ground.

For further technical information Tel: (01480) 455151, Website: www.reco.co.uk.

ANTI THEFT EXCAVATORS

Kubota has responded to market demands by introducing their key based Anti Theft System as standard equipment on its mini excavators. It's based on an individually programmed key for each machine that replaces the current universal starter key. The key has an identification code embedded in an IC chip that incorporates a state of the art immobiliser system.

It starts and stops the engine like a conventional ignition key and also opens the machine's cab door, fuel filler cap and engine canopy. Without it, the fuel, hydraulic and electric systems are fully immobilised. Any attempt to start the machine with an unprogrammed key activates the system's alarm. Two preprogrammed keys are supplied with each new machine. A third master key gives users the opportunity to easily reprogramme the machine.

For further technical information Tel: 01844 214500, Website: www.kubota.co.uk.

BLOW HARD

From the STIHL stable comes a new generation of backpack blowers that really show their strengths when cleaning large areas in parks, leisure facilities, stadiums, car parks and private gardens. Promoting a cleaner environment in more ways than one, the new Stihl BR 500, BR 550 and BR 600 not only sweep up fallen leaves, cut grass, hedge trimmings, paper cups and tin cans in no time at all, they are also particularly eco friendly thanks to the Stihl 4 MIX engine. Powerful, fast and economical, the machines are also comfortable to use.

They are among the quietest in their power class and included in the range the Stihl BR 500 is specifically designed as a low noise model. Ideal for use in noise sensitive areas, it features extensive sound proofing including an enlarged muffler on the blower tube. The ergonomic carrying frame with active breathing properties can be adjusted for optimum comfort, while an effective anti vibration system enables the blowers' use all day, without the need for extra protective measures.

For further technical information Tel: 0800 137574, Website: www.stihl.co.uk.



RAKING IT IN

Sisis has improved on their Auto Rotorake Mk4. The new Auto Rotorake Mk5 has specially designed hooked blades which can be supplied with or without tips, and are designed for increased thatch removal and improved 'throw'. An alternative, 3 point blade is also available for verticutting.

The 6hp Robin engine and wider working width of 500mm gives improved performance and a faster work rate. Controls have been designed to be user friendly and the larger capacity grass box is easy to fit.

For further technical information Tel: 01625 503030, Website: www.sisis.com.



DOCTOR IS WAITING

Allen Power Equipment is launching a new Turf Doctor Scarifier this autumn. The machine has a 22in (56cm) working width and is powered by a Honda 5.5hp engine.

Manufactured by MacKissic in the USA, the Turf Doctor will join a line of professional scarifiers bearing the Turf Doctor name, up until recently manufactured by Allen themselves.

To encourage air and moisture to the treated surface, the new Turf Doctor has a reel fitted with triple line of 32 tines which are virtually unbreakable though can be easily replaced in minutes when worn. Working height is via a single lever and pneumatic tyres all round ensure the very best in turf protection.

For further technical information Tel: 01235 515400, Website: www.allenpower.co.uk.



THERE IT GOES

The high speed Shibaura CM364 out front mower, which can travel at speeds of up to 24kph, has been launched. This latest ride on mower is powered by a 35hp, 3 cylinder, water cooled diesel engine. Meeting current EU and US emission standards the engine boasts exceptionally low noise and low vibration.

Running in two wheel drive under normal conditions, the mower automatically engages four wheel drive in slippery conditions, helping to avoid damage to the turf. Highly maneuverable and with the ability to lock the front differential the mower operates well even in wetter conditions and is equally at home on rough terrain or areas requiring a smoother finish.

When cutting large areas of grass, power steering and cruise control help provide maximum operator comfort. A quick hitch system, together with an infinitely variable hydraulic weight transfer system, means a wide range of attachments can be accommodated with ease.

For further technical information Tel: 01244 671166.



THE FAMOUS FIVE

Hunter Grinders has launched their Series 5, that consists of the Jupiter Series 5, Jupiter ATI Series 5, Juno Series 5, Amazon Series 5 and the Orion Series 5. All of these machines now incorporate as standard a number of features that are aimed at addressing any health and safety issues that have arisen in recent years, and in particular to ensure the operator can achieve a precision edge for maximum quality of cut, with greatest ease, speed and safety.

Stability is a crucial factor in a machine designed to accommodate heavy mowers/cylinders. The process of accurate grinding places huge demands on the construction of the grinder. All models in the Series 5 range are now built on cast iron beds for unbeatable stability and strength and, in addition, linear bed rails have been introduced again as standard for enhanced accuracy when grinding. All models now operate on 240volt single phase, with all Jupiters having fully enclosed interlocking guarding. There are a huge variety of mower units manufactured, so Hunters have incorporated many new features to assist the operator in handling the different mowers and cylinders with ease.

For further technical information Tel: 01207 270316, Website: www.huntergrinders.com.



TAKING THE STRAIN

Today's greenkeeper frequently has to transport large loads of materials such as drainage spoil, top-dressing, aggregates, turf, and bagged goods. To carry out these tasks Campey Turf Care Systems unveiling the Dakota 550 and 525 Turf Trailers.

Designed for use in golf course maintenance, the machines have fast work rate to provide maximum efficiency. They are built for robustness with an A-frame construction but minimise the pressure exerted on grassed surfaces by the use of full width floatation tyres. Although a heavy duty workhorse, Dakota Turf Trailers cover undulating ground without marking due to 4-wheel walking beam axles. The tipping operation is controlled by the driver in the tractor and rises to an angle of 65°. The tailgate opens automatically for efficient unloading of the contained material.

For further technical information Tel: 01260 224568, Website: www.campeyturfcare.com.

WORTH GROWING GRASS FOR

World renowned brands, unparalleled grounds care expertise and nationwide dealer support.

It doesn't matter where you decide to grow grass.

Together we help you care for beautiful places – today, tomorrow and for generations to come.



PERFECT FORM

More power, increased torque and lower fuel consumption are features of John Deere's new small chassis compact tractors, which are based on the same modern styling and overall design as the mid and large chassis models in the company's 20 Series range.

The 24hp 2320 and 26hp 2520 employ larger capacity, fuel efficient Tier 2 engines, which generate up to 10 % more power than the models they replace, but with lower emissions. Both models offer a new two range hydrostatic transmission, with a higher maximum forward speed of 22kph on the 2520 model.

Both front and rear axle loads have been increased, and maximum lift capacity at the category 1 three point hitch is now 650kg. The operator's station incorporates a number of new features including the hand throttle, instrument panel, ergonomic pedals and comfortable seat, while the new optional deluxe cab offers improved visibility.

For further technical information Tel: 01949 860491, Website: www.johndeere.co.uk.



BOMFORD'S PROTOTYPE

Bomford Ltd have showcased a completely new concept in verge mowing, as they demonstrated a new prototype reach arm flail mower and collector, which has been designed in conjunction with Trillo.

Based on a 5.0m reach Bomford Falcon reach arm mower, the unit is designed to cut and then transfer verge mowings into a hopper for collection and subsequent disposal, in order to boost wildflower levels on verges. To achieve this, Bomford has designed a new heavy-duty flail head which, in addition to the standard double helix flail rotor shaft, also incorporates an auger behind the rotor that moves cut material to the centre of the head, where it is sucked into the accompanying vacuum collector that is trailed behind the mowing unit. This has the benefit that when not required for verge collection work, by just reverting to a standard flail head the Falcon can be used for hedge or other verge maintenance work.

For further technical information Tel: 01789 773383, Website: www.bomford-turner.com.

NEW SMALL VERSION

Charterhouse Turf Machinery launched a new version of the Verti-Drain aerator specifically designed for use with the smallest compact tractors. The 7110 Verti-Drain is expected to create demand from golf clubs that will be able to use their existing compact tractors to power the machine.

To power the new verti-drain a tractor of only 16hp is required, with a lift capacity of 450kg. It has a one metre working width and can operate to a maximum depth of 150mm. The 7110 can be fitted with solid, hollow or cross tines of various lengths and diameters, enabling its performance to be matched to specific turf care tasks. It weighs only 750 lbs so that it exerts minimum pressure on the sward.

For further technical information Tel: 01428 661222, Website: www.charterhouseturfmachinery.co.uk.



BROADWOOD SPREADING

The Broadwood SnowEx truck spreaders have now become even more versatile with the launch of a new trailer chassis. Robustly built, the chassis enables all models, with capacities ranging from 400L to 1500L, to be used for highway service.

Also suitable for the newly launched SnowEx V-Maxx spreaders the trailer chassis includes suspension, light and braking thereby enabling the machines to be used for highway service of speeds of up to 60 mph where applicable. The trailers also enable SnowEx spreaders to be quickly and easily towed from site to site or around large premises using a wide range of vehicles from small vans and road sweepers through to 4x4s and larger trucks depending on their towing capacity. An in-cabin controller enables on-the-move adjustment of spreading width and application rates to suit operating conditions.

For further technical information Tel: 01794 388881.

ADDING TO THE RANGE

New Holland has added powerful 4-cylinder models to its TND-A and TNS-A line-ups of utility tractors. The introduction of the 82hp TN85D-A and TN85S-A models, and the 90hp TN95D-A, means that the TN-A Series now incorporates four models from 59hp-90hp, covering all requirements.

The 4.5-litre, Tier 2 engines give more power, higher torque and enhanced performance for high work-rate professionals. To accommodate the larger power unit, the three new tractors feature a longer bonnet and an A-pillar exhaust to provide an unimpeded view forwards.

The tractors can be specified with New Holland's 'Blue Cab'. Its pressurised cab sealing system ensures that only air that has been passed through the anti-pollen and air recirculation filters enters the cabin for a clean, safe working environment. The Blue Cab also provides air conditioning and can be specified with carbon filters for those spraying chemicals.

For further technical information Tel: 01268 292580, Website: www.newholland.com.



SILENT SWEEPER

Designed to meet the highest possible standards of operator comfort with low noise and vibration output the Kersten Vela Silent Vacuum/Sweeper is simple in operation and offers outstanding performance against competitive machines in the same price bracket. It will cope with not just leaves but general rubbish, twigs, clippings and cans and plastic bottles equally as well.

Equipped with a Honda low noise engine the Vela Silent Vacuum/Sweeper has a variable speed hydraulic transmission and its 350 litre collector is now available with 2 hydraulic sweeping brushes, giving a working width of over 1.2 metres. The versatility offered makes this machine ideal for those with estate management responsibilities within schools, universities, hotels, country houses, parks, golf courses and almost any location where there is the need to bear in mind both public safety and the benefits to be derived from the appearance of a well kept facility.

For further technical information Tel: 0118 9834337, Website: www.kersten-machines.com.

CLAYMORE LOAD IT ON

Claymore Grass Machinery has introduced a 48in front end loader for their Simplicity Legacy XL model tractor. The new loader bucket has a lift capacity of 225kgs and is able to be operated with the mid mounted mower still installed, plus is supplied c/w ballast box.

In addition, the loader can be disconnected from the tractor by means of a four way joystick control without the operator leaving his seat. The Simplicity Legacy XL tractor is offered in two and four wheel drive configurations. Powered by a 27hp Briggs & Stratton liquid cooled engine, the unit has hydrostatic transmission with cruise control and is supplied complete with a 137cm (54in) free floating three blade mower deck. As standard, the 4WD version is fitted with a rear PTO and three point hitch.

For further technical information Tel: 01789 490177, Website: www.claymoregrass.co.uk.

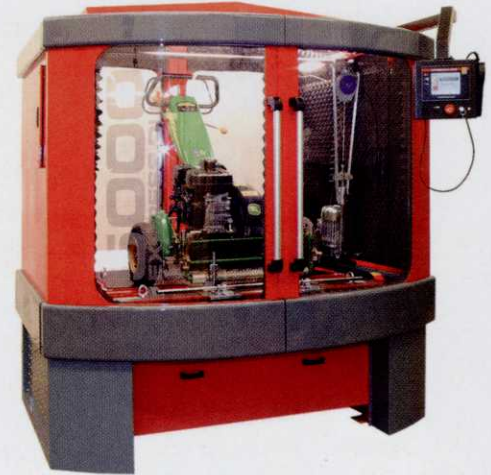
FEELING CHIPPER

Chipper blades can be kept extra sharp by using the newly upgraded Chippermaster from grinding specialist Bernhard and Co. Green waste accounts for 95% of municipal waste, so the new dedicated chipper blade sharpener has a vital role to play in the chipping cycle.

This latest Chippermaster is simple to operate and configurable to allow the operator to grind flat blades or hollow grind blades. Powered by a powerful 1.5 kilowatt grind motor, a removable coolant tray takes dirt and debris away from the grinder. Producing a highly accurate grind with fine tolerances Chippermaster comes in an illuminated cabinet as standard.

Single or double sided blades can be ground, individually or in sets, and special fixtures can be made, to order, to accommodate specific blades.

For further technical information Tel: 01788 811600, Website: www.bernhard.co.uk.



GEM ADD EXTRA

ProCote Extra is the latest development from Gem Professional. A controlled release fertiliser specifically designed for the autumn and winter seasons. Used in most fine turf situations this fertiliser will not only last for four months but will enhance the quality of the turf ensuring consistent growth throughout the season.

With an analysis of 16:2:32+1.25% MgO + Fe, ProCote Extra is used between September and February and only requires one application per season to obtain the full effects of the product. Easy to apply with a uniform granulation it provides immediate, medium and long term nutrients; this includes two stages of potassium and nitrogen release. Potassium will aid the turf hardening process whereas the nitrogen will encourage dense sward.

Spring and summer 2006 will see further additions to the ProCote Extra range, including the opportunity for bespoke mixes tailored to your individual needs. ProCote Extra is available now in 25kg bags.

For further information Tel: 01254 356611, Website: www.gemprofessional.co.uk.

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FROM SALTEX NEXT MONTH...**

