

NEW PRODUCTS



SISIS AER-AID SYSTEM

Sisis had launched its new Aer-Aid System, which is to be used with the Sisis Javelin vertical action aerator.

The equipment will allow greenkeepers to give their turf a blast of air every time they aerate. The air injection tines alternate with conventional solid tines and both are 10mm diameter and carbide tipped.

The cam trigger system ensures that the air is always expelled at the bottom of the tine penetration, ensuring a precise and constant working depth. The depth is infinitely variable to a maximum of 127mm.

Working at 150mm (6ins) spacing air is

introduced at a rate of 88 litres per minute. The air injection tines are specially designed to use the maximum air available from the compressor, which produces clean, fresh air at a constant rate.

The Aer-Aid System can be de-activated very easily when not required, and the Javelin fitted with conventional tines can be used for other operations such as hollow coring prior to top-dressing, or cluster heads and needle tines in the summer months.

Compaction tests showed a hardness of 95.07 on the untreated ground, 93.67 after spiking and 84.5 after treatment with the Aer-aid system – an 11% reduction.

For further information TEL: 01625 503030

INSTANT HEDGE

Practically Brown, in partnership with Elveden Estate, has released another 600 linear meters of Elveden Instant Hedge. 27000 metres of instant hedge are now available to satisfy demand for truly instant screening.

In addition to 2003's unveiling of Green Beech, Laurel, Holly and Mixed Native hedge, the company now have Yew, Box and Hornbeam available.

Elveden Instant Hedge is grown using a unique system that allows stress free installation of this product all year round, so gone are the days of seasonal planting. It is planted in root strips and once planted it is virtually impossible to see the join.

To ensure successful reestablishment on site, a dripper hose irrigation system is installed linked to a simple battery operated tap timer or it can be integrated into an existing irrigation system if available.

Elveden Instant Hedge is grown using automatically irrigated controlled release nutrition, which ensures that the product is always in peak condition.

For further information TEL: 01753 652022



NEW V-TWIN ENGINES

Briggs & Stratton Commercial Power has launched its new range of V-Twin engines, aimed specifically at the demanding commercial turf applications market.

Available in two displacements with six different horse power options (18.65 – 26.1kW / 25 – 35HP), these are robust, powerful and environmentally friendly application engineered V-Twins, available as both air and liquid-cooled models.

The Vanguard air-cooled V-Twin engines have been developed with 'cooler cleaner' technology, including an advanced debris management system, ideal for heavy duty mowing applications.

The Vanguard liquid-cooled V-Twins feature a 360 degree cooling water jacket, efficiently cutting oil and engine temperatures. All engines feature a large volume muffler, which ensures the engines comply with all European noise and emissions regulations.

The engines are manufactured through a joint venture with Daihatsu and contain revolutionary V-Twin Overhead Valve (OHV) technology delivering superior balance and reducing vibration and component wear, whilst improving fuel efficiency and enhancing durability and performance.

Designed with total flexibility in mind, the engines are completely interchangeable since they feature the same envelope and identical PTO and mounting dimensions, enabling OEM's to keep product development costs to a minimum.

Featuring a single ply, super thin metal head gasket, the new engines optimise the combustion chamber function and thus overall engine performance. In addition, each light compact model in the range is precision balanced to achieve the lowest possible vibration levels.

A cast iron block further dampens noise emissions, whilst a fine-tuned timing gear tooth profile, and helical angle, pushes the gears away from the cover, eliminating transmission of gear train and internal noises.

All engines come with a two year commercial engine warranty and lifetime Magnetron ignition warranty.

For further information TEL: 04126 460 7932



TWO WHEEL DRIVE SUZUKI



Suzuki has added a two-wheel drive model to its range of 400 class "Eiger" ATVs.

The new model has been introduced to meet the demands of users who need a powerful ATV but do not face the extreme conditions or terrain that demands the additional expense of a four-wheel drive model.

The two-wheel drive Suzuki Eiger 400 combines stylish looks with advanced engineering features which ensures outstanding performance, versatility and value for money.

It has a five speed manual transmission and high/low gear ranges. In common with the selectable two/four wheel drive automatic and manual transmission models, it has a long wheelbase and low seat height giving a low centre of gravity for good stability.

Rider comfort and protection is provided by independent front and swing arm rear suspension with an all round wheel travel of 170mm (6.7in), large mudguards and full floorboards.

The 235mm (9.3in) ground clearance and underside skid plate protect the machine from damage.

The 376cc long life four-stroke OHC four-valve engine provides good low and mid range torque and incorporates Suzuki's advanced cooling system.

This passes a high volume of oil from a large cooler through the cylinder head to prevent overheating even in slow, heavy duty operations.

A start in gear system provides easy starting even in difficult conditions by allowing the starter to be operated in any gear when the front brake lever is applied.

Large 190mm (7.5in) front disc and sealed rear drum brakes ensure consistent stopping power.

Other features include, twin halogen headlights, full instrumentation and sturdy carrying racks with 30kg (66lb) front and 60kg (132lb) rear capacity. Tow hitch capacity is 450kg (990lb).

For further information TEL: 01293 766000

SELF PROPELLED MOWER

The MAS Mower 01 is a self-propelled, laser-guided, reel-type mower capable of creating a multitude of geometric patterns on turf without an operator being present.

While mainly used on football and rugby pitches, this product is the first sign of the future of technology and the huge advances in the turf equipment field. It will surely only be a matter of time until this technology is used for the benefit of greenkeepers. Fully self-contained, the electrically powered machine combines a conventional 914mm (36in) wide cutting unit with an advanced laser guided steering system.

The mower includes cylinder cut-off for turf rolling without mowing, automatic emptying of its 65 litre high-tip grass collector and a wealth of inbuilt safety features, allowing safe unattended operation.

The mower is equipped with a long range, eye safe rotating laser scanner which operates in conjunction with a series of fixed reflectors positioned around the area being mown.

An onboard computer linked to the laser continuously calculates the mower's position on the surface to centimetre level accuracy, sending signals to the steering system to keep the machine moving along its pre-programmed path.

Powered entirely by rechargeable batteries and electric motors, the MAS Mower 01 can work for more than six hours unattended, with no emissions and at a very low sound level.

At an average mowing speed of 2mph the machine is able to cover over 12,000 sq metres before it needs recharging. The mower contains six blades and the cutting height is adjustable



between 15mm – 70mm.

Low maintenance and running costs are assured thanks to the absence of an engine and hydraulic system.

For further information TEL: 01453 544135

KUBOTA'S KX SERIES

Kubota's KX Series range of mini excavators has not stood still since its introduction within the UK and Ireland more than 10 years ago.

Continued model development and growth has seen the KX Series expand into a formidable line-up of machines capable of handling the toughest of tasks on the most difficult of terrains. One of the newest models in the series is the KX36-3.

The KX36-3 model weighs 1580kg with a cab and has a maximum travelling



speed of 2.2km/hr. Its 950mm long arm provides a maximum digging force of 7.2kN (735 kgf) and the digging force of the bucket is 13.0kN (1327 kgf).

It features a 3-cylinder Kubota diesel engine with a 778cc displacement.

An advanced hydraulic system improves response and reduces energy wastage, giving the KX36-3 the ability to outperform larger and more costly machines.

This is enhanced by the ergonomically designed control lever layout for smoother operation with reduced driver fatigue.

For added safety the top boom mounted cylinders and hydraulic hoses are routed through the boom.

For further information TEL: 01844 814500