

NEW PRODUCTS

NEW LAUNCH FROM TORO

With a big, near-lift cutting width and a powerful 60hp engine, the new Toro Groundsmaster 4100-D offers top productivity and quality of cut.

Its all-out-front cutting deck - it's the only all-out-front machine in the lift rotary segment - greatly increases visibility for enhanced manoeuvrability and operator control.

Toro says the three-section deck represents the latest evolution of its contour-mowing technology and lifts standards for productivity and quality of cut.

As such, the GM4100-D gives a beautiful aftercut appearance at high work rates on a wide variety of turf, from sports grounds to golf course roughs and semi-roughs.

It also has outstanding ground-following capabilities for a consistent height of cut (adjustable between one and five inches) on all terrain.

Operators enjoy a comfortable, high seating position that gives an unobstructed view of the front deck, the turf being cut and obstacles, for safer working. The machine can mow a swathe nearly 11 feet wide. But it is only six feet wide with its side wings flipped up for transport.

Its 60hp engine is a Kubota two-litre turbo diesel unit; and there is full-time, hydrostatic four-wheel drive so it can mow thick, wet grass and on slippery slopes. A mowing speed of up to 8mph can be achieved, and a transport speed of up to 15mph.

The machine has a tight turning radius and, at full turn, it will leave no turf uncut. So it can be used for efficient back-and-forth mowing. It can also mow around and close to obstacles, thereby minimising the need to follow up with trim mowers.

For further information Tel: 01480 226800.



CHIPCO RECOMMENDED

With traditional Autumn weather finally with us and winter on its way, Bayer Environmental Science is advising groundsmen and greenkeepers to prepare to move to fungicides more suited to the wetter conditions as part of their year-round turf management.

The company recommends that Chipco Green, with its multi-site contact fungicidal properties and extreme rainfastness, for use in the winter months, with systemic fungicides Mildothane Turf Liquid or Capricorn applied in the growing seasons (rotating fungicides with different modes of action will significantly reduce the risk of developing resistance). The rainfastness of Chipco Green means there is no need for dew switching on turf for 2 weeks after application.

These combinations are ideal for year-round disease control in all sports turf, and particularly in the fine turf on golf course greens.

The recent (much needed) wetter weather has caused an increase in the occurrence of various fungi, much to the distress of groundsmen and greenkeepers alike. However, not all turf fungi are a nuisance.

Mycorrhizal fungi develop a mutually beneficial relationship with turf roots, for effective nutrient exchange and increased resistance to drought, insect pests and disease. As a result, turf associated with Mycorrhiza tends to be healthier and these fungi are unaffected by Chipco Green.

For further information Tel: 01992 784270.

SUCK AND BLOW

The 2003 Autumn range of Billy Goat outdoor vacuum sweepers and blowers now have optional 'on board' hose kits with no tools fixings so no more rushing back to the workshop for hoses and/or spanners.

The line starts with the Little Billy. A 20in (50cm) sweeping width and powered by a 4hp Briggs & Stratton Quattro engine makes this machine ideal for the domestic or occasional hire user with an area of perhaps half an acre to clear of debris such as leaves or pine cones and needles.

An optional wander hose is available.

The larger commercial KD models all feature 12in wheels and the 'on board' hose kit option.

The KD410 has a 27in (68cm) sweeping width and a 4hp Briggs & Stratton Quattro engine and a large 10 cu ft (282 litre) collection bag.

A self propelled model is available in the shape of the KD512SP.

This sturdy professional quality vacuum uses a 5hp Briggs & Stratton IC commercial grade engine. A simple but proven front wheel drive system really helps on slopes and uneven terrain. Again all the features of the previous machine are incorporated in this machine.

With the TKD512SP Billy Goat a 2in (5cm) chipper is built in for sticks and small tree limbs.

Billy Goat also offer a range of commercial blowers using new 'Quiet Blow' technology. This features a patented exhaust design that condenses and controls exhaust air into a tight pattern, providing the best air control and velocity at the industry's lowest noise levels.

Robotically welded 12-gauge steel housing and engine base also means these blowers are designed to take heavy use, but horsepower for horsepower they are the lightest wheel blowers on the market.

A 14 blade nylon fan reduces overall vibration and gyroscopic forces common with metal fans.

Briggs & Stratton and Honda engine options ranging from 5hp to 13hp, Quiet Blow blowers provide hurricane-force air speeds up to 180mph.

For further information Tel: 01932 788799.



NEW ELEMENTAL SUPPLEMENT REDUCES PH LEVELS

High pH levels can now be reduced by a new elemental supplement from Vitax.

Sulphur 95 is a micronised prill, which is ultimately converted to sulphuric acid by microorganisms within the soil. Applied to sand based golf greens (or any other turf areas with a high pH substrate) the product ensures a steady supply of plant proteins throughout the season in a form that can be readily absorbed by the sward.

"As sulphur deficiency reduces the plant's ability to utilise applied nitrogen. Sulphur 95, could almost be likened to an indigestion tablet," says Clive Williams, Sales and Amenities Manager for Vitax.

The plant functions more efficiently and fewer nutrients are wasted."

"Bringing down pH levels discourages Poa Annua, unlocks nutrients such as Copper, Iron, Manganese and Zinc promoting the health of the finer grasses, and makes the soil less attractive to worms," he continues.

"By combating Sulphur deficiency and reducing pH levels at the same time, this new product has twin benefits."

For further information Tel: 01530 510060.

HELP TO COMPLY

With Pollution Control and water recycling high on the agenda, Course Care chose Saltex for two product launches; ClearWater, a below ground water recycling system for washdown areas and a bunded Mini Fuel Station for under £1000.

"It was very clear that we have products to answer current needs and help our customers comply with the latest legislation. Many know they must install bunded fuel tanks and are looking for quality and value. Our new tanks range offers just that. Demand for washdown area water recycling is growing too and our competitively priced below ground system is proving very popular," said David Mears, Course Care's Managing Director.

The water cycling system has four distinct plus points.

- It is below ground
- It has a silent operation appealing to hotels and clubs in residential areas.
- It uses proved interceptor technology developed over 15 years
- It is "bespoke", designed specifically to the needs and demands of the customer.

The bunded tanks on show attracted much attention. They are packed with features such as bund alarms, overflow protection, remote controlled contents monitoring operated by ultrasonics and easy to use dispensing. It simply plugs into an ordinary plug socket and provides an instant read-out of contents.

For further information Tel: 01535 611103.

OF WHEEL BENEFIT

A unique device for standard pull golf trolleys has been designed and manufactured by Golf Innovations (UK) Ltd.

The special parabolic shaped studs fit over the trolley wheel and when used in winter conditions leaves little or no impression on the fairway. A quote from a greenkeeper college states, "the principle involved in using this wheel attachment is innovative and should help the greenkeeper avoid excessive compaction and smearing on turf surfaces during the wetter months of the year when golfers are wanting to use trolleys."

The Hedgehog fairway protector is available from Golf Innovations (UK) Ltd via professional golf shops.

For further information telephone 01737 649911.



KAWASAKI RECALL

Kawasaki is currently recalling all units of their KVF300 and KVF400 ATV models manufactured between 1997 and 2000. The tightening torque of the steering pinch bolt on some units may not be sufficient to prevent the ball joint moving in the steering knuckle. In extreme cases this could lead to steering malfunction.

All known owners are being contacted by letter and asked to contact their local authorised Kawasaki ATV dealer in order to organise a free check and repair of the affected parts. Owners of affected models who do not receive a letter should contact their dealer or Kawasaki's customer care hotline (01628-856750) to check eligibility and arrange the recall work if it is required.



KIOTI LOADERS

Reco unveiled the latest addition to its range of quick-fit front-end loaders at Saltex.

The Kioti loaders include a three-step quick-fit system that makes fitting and removal extremely quick and easy. Three models are now available in total, with lift capacities from 350kg to 1103kg.

The latest model has been designed for use with the 21 hp CK20 Kioti tractor, the smallest in the range. It has a bucket capacity of 0.137m³, a maximum lift height of 2236mm, a maximum dump height of 1756mm, and it can lift 350kg to full height. Control is precise, comfortable and simple, with twin double acting rams included for both lift and crowd functions.

Kioti tractors, now available with power ratings from 21 hp to 50hp, are also being shown by RECO at Saltex, as well as a selection from Reco's range of mowers, scarifiers, aerators, sweeper-collectors, hedge-cutters, verge mowers, rotary cultivators, power harrows and fertiliser spreaders.

For further information Tel: 01480 455151.

SHORT CHASSIS USE

Spraytech's new DM range is especially effective on short chassis trucks such as the Jacobsen Cushman, where transverse mounting keeps the weight forward of the back axle and keeps booms tight to the back end, ensuring perfect weight distribution and a kinder treatment of fine turf.

Spraytech has stripped out all the disjointed plumbing and miles of tangled hoses that you often find on other demounts. The brand new compact plumbing module and clean water tank are mounted beside the 107 lpm triple diaphragm pump and hydraulic drive on two uniquely removable trays in a specially created cavity within the envelope of the tank that leaves only millimetres to spare, conserving space, but which makes servicing a dream.

Power and output control options for the DM range include a pto pump with hydraulic drive or petrol drive (for flat bed trucks like the Hilux) with manual / electric controls and electric pumps (for trucks with belt drive) with computerised output in-cab control options for perfect accuracy of application.

But to put the DM range in a class of its own, its modular design as a component of the Spraytech range offers unparalleled flexibility for the end user. Boom options include any of Spraytech's three zero-emission covered booms; the Hurricane, Tornado & Typhoon, or the standard open boom. And the Chemlok sealed filling system, built to the highest world standard for handling chemical concentrates, BS6356 Part 9, that ensures there is no operator exposure and no need to wear any protective clothing, cuts the foil seals, measures in 25ml increments and power washes containers completely clean.

For longitudinally mounting on trucks with a longer chassis, the sub frame is simply rotated through 90 degrees and the mast mounting assembly is relocated. The DM can be fitted on most trucks and load/unload options include jack legs, floor crane or hoist.

With mast and boom tight to the back end and all the weight forward of the back axle, our DM sprayer is very kind to turf.

Chemlok Pro-mix can be sprayer, wall or stand mounted. The pipe work & clean water tank, pump & hydraulic drive are mounted side by side on removable trays for ease of maintenance, enclosed behind a wrap around guard.

Tank sizes 400, 600, 800 lts.

For further information Tel: 01932 26 94 95.

FLYING THE FLAG

Acorn Golf UK in conjunction with British Manufacturing Solutions have developed a revolutionary new accessory to add to your existing hole cups 'The Cosgrove Cup Spike' It can self thread to your hole cups and has a standard screwdriver size hole near to the base (similar to a large scale 'dart stem') so you can tighten it directly on to your polymer hole cup base.

This spike has been designed to prevent taller flag poles in high winds leaning the cup to one side and prevent the pole blowing out. It will also prevent the ingress of sub soil coming up through the centre of the cup and especially for newly laid sand greens where the sub layers take longer to 'firm up'. Available in 2 sizes UK & USA in boxes of ten. Come and see the launch of this miniature rocket shaped spike at the 2004 BTME and ClubHouse show in Harrogate.

For further information Tel: 01925 757005.

