

NOTEBOOK...

Niche for new grader

GRADEALL International Ltd of Dungannon, Co. Tyrone, have been associated with the screening and grading industry for over nine years. With this wealth of experience, coupled to the feedback from customers over the years, the company recognised a niche in the market for a compact grader suited to the needs of turf surfaces.

The Beaver is highly portable, easily transported by a landrover. It has a 2 T capacity feed hopper with direct feed as standard, although belt feed or tray feed options are available for variable applications.

The Beaver is compact, yet with a robust design to withstand years of abuse. It is self contained using a Diesel electric or Diesel hydraulic power units although the unit is easily adaptable to mains power.



The unit's compact features with its aggressive set of shredders and high frequency screenbox offers the greenkeeper the ultimate in producing the highest quality top dressing possible.

Save your skin!

OCCUPATIONAL dermatitis is the commonest of all health problems caused by work activities, accounting for the majority of compensation claims made through the DHSS.

But few appreciate it can become serious enough to cause permanent disablement. A national awareness campaign on occupational dermatitis has been launched by the Health and Safety

Executive's Employment Medical Advisory Service to focus attention on the problem.

Many substances commonly used at work can irritate or sensitise the skin with unpleasant consequences.

As soon as any rash develops it is vital that medical help be sought immediately.

Copies of *Save your Skin* leaflets may be obtained by telephoning 051 951 4545

New irrigation manual

THE new 4th edition *Turf Irrigation Manual* is a major update and expansion of this popular reference work, designed for engineers, architects, landscape architects and contractors. Published in the USA, over 25,000 copies of prior editions have been sold.

Based on years of research, field experience and accumulated techniques, the turf irrigation manual utilizes over 250 illustrations to present a step-by-step approach to the design process including: equipment, basic hydraulics, sprinkler performance, plot plans, head layout, pipe sizing and zoning.



New material added to the 1987 edition includes: (1) design criteria for water conservation; (2) soil/water/plant relationships; (3) special considerations for shrub and ground cover watering; (4) evaluation/examples of computer-aided design; and (5) simplified calculator program for determining pressure losses in piping.

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Open Sesame!

EVERY time Tony Cuthbert drove to or from his mid Wales farmhouse, he had to get out of his car and open and close three farm gates.

This performance became such a chore that he used his electronics skills to devise the simple but ingenious Autogate, which works the gates automatically and is powered from a simple 12 volt car battery.

The gate swings into action at the touch of a button - either on a hand transmitter with a range of some 30 metres, or from a button mounted on the gate post.

Now the product is being made available by Wolseley, the electric fencing specialists, for use anywhere where automatically opening and closing gates could be a benefit.

Sales manager Eddy Palin sees a

major benefit being quick and easy installation of the Autogate. There is no expensive and time-consuming mains power to be dug in - once the gate, posts, and opening mechanism are fitted and wired to the battery, it is ready to go.

A simple built-in timing device varies the gap between automatic opening and closing from a few seconds to three minutes.

An automatic cut-out prevents the gate moving if it hits an obstruction, thus preventing damage to the Autogate or the object, whether it's a cow or a car.

The gate takes so little power that a single car battery will endure three months' heavy use before it needs recharging. As an option, a gate-mounted solar panel will keep it contrantly charged up.

More details may be obtained by phoning Wolseley on (0584) 3131.

Seed Here!

BRITISH Seed Houses Limited have announced that their 1987 autumn catalogue, covering amenity grass seed mixtures for golf courses, is now available.

Phone BSH on Warrington (0925) 54411 if you would like a copy.

South Atlantic success

FERTILISER specialist Vitax Limited has just completed its second major export order to the Falkland Islands.

It is just over a year since managing director Trevor Martin led a management buy-out of Vitax from giant Steetley organisation and in that time he has built-up profitable export markets in Europe, Israel and Australia. Vitax can be contacted on Burscough (0704) 893311

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A Real Wizz

A.F. Trenchers is offering the Wizz Wheel for high-speed sand-slitting.

Suitable for tractors of between 60 and 120hp with category two and three linkages, the Wizz Wheel can cut trenches 50mm wide speeds of over 2,000 metres/hour depending on tractor hp and soil conditions.

Adjustable disc coulters pre-cut the turf ahead of the digging wheel to ensure a clean trench edge, and a 'floating' crumber cleans the bottom of the trench behind the digging wheel. Maximum depth of cut is 510mm, maximum width, 125mm.

For efficient soil collection, the digging wheel is totally enclosed above ground by a chute which is made in two sliding halves for depth adjustment. This allows accurate hydraulic laser grade control to be fitted to the rear half as an optional extra and ensures that the front half maintains constant contact with the ground.

Excavated soil is discharged from a side outlet and dumped to a height



of two metres by a soil conveyor, hydraulically driven by the tractor. For road transport, the conveyor can be raised and locked in the vertical position beside the digging wheel.

Approximate cost is £7,500 (plus VAT), with clean-up chute and high-level conveyor. Full details from A.F. Trenchers on Colchester

Export honour

SOME 370 employees, together with local dignitaries and representatives from overseas distributors, attended the presentation ceremony, held at Ransomes' Nacton Works in Ipswich, of the Queen's Award for Export Achievement to the company's grass machinery division.

The Award was presented to Ransomes' group chief executive Bob Dodsworth by the Vice Lord Lieutenant for Suffolk, Major General John Dye CBE MC DL.

Celebrating its 200th Anniversary in two years' time, Ransomes is the largest manufacturer in Europe of grass cutting machinery for the professional user and ranks among the top three in the world.

More than half of the grass machinery division's output was exported to over 60 countries around the world last year alone. Destinations included seemingly unlikely places such as Iceland, Saudi Arabia and Nepal. Much of the overseas trade is with other EEC countries. But exporting is nothing new to Ransomes. Its first overseas sales were made as far back as 1810.

It was during the 19602 the company introduced two new types of mowers that were to lead the way to today's high output, cost effective machines.

Quick work

THE Toro Lawn Vacuum and Leaf Blower enables you to make quick work of outdoor clean up. It's two machines in one, 30ins wide vacuum for lawns, paths, driveways and a blower for leaves and other litter.

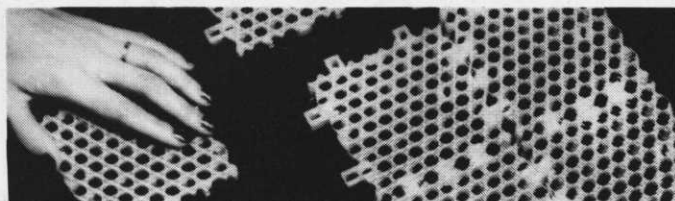
The Vacuum head can adjust to seven positions so clean up is swift, easy and very efficient. It is

self-propelled by 5HP Brigg's and Stratton engine and has a large capacity bag.

An optional vacuum hose is available for cleaning up under shrubs and hedgerows.

More information is available from: Lely (UK) Ltd, Station Road, St. Neots, Huntingdon, Cambs. Telephone (0480) 76971

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Read all about it!

IN an attempt to make golf club officials much more aware of the risk involved in choosing course watering systems simply on price, Toro Irrigation Limited have just published a twelve page booklet on the subject.

Labeled the *Thinking Man's Guide to Golf Course Watering* the booklet urges golf club secretaries and greens committees to consider the technical implications of each automatic watering system design put before them.

"In my experience, it is very evident that many clubs do not fully understand what they are shown on paper", says Peter Roberts, general manager of Toro Irrigation.

"Even more important" he says, is the fact that greens committees do not generally invite the people who designed the system to meet them and explain the technicalities behind the proposals".

"Club officials seem to think they are looking at like for like when considering various watering system designs, but, in my experience, they are not!"

Copies of the new booklet have been sent to club secretaries throughout the country and additional copies are available through Toro or their regional distributor and dealer network.

Alternatively, write to: Toro Irrigation Ltd., Unit 7, Millstream Trading Estate, Christchurch Road, Ringwood, Hampshire. BH24 35D.

Tyred out!

A PORTABLE, pneumatic tyre bead breaker from Denmark is being introduced by Axeline Eastern Limited of Boston, Lincs.

The Kema Bead Breaker is both small, 13.4" wide x 10" high (340mm x 255mm), and light, weighing 22lb (10kg). It can be used to loosen agricultural tyres, earthmover tyres, forklift tyres, implement tyres, tractor tyres and truck tyres in seconds.

The Kema Bead Breaker is gentle to both tyres and wheels despite developing up to just over a ton of thrust (2300kg). It requires just 16 litres of compressed air to operate - and could even work off the air in a spare wheel.

A wide range of specialist tyres and wheels for machinery and equipment for the amenity, landscape and turf markets is also available.

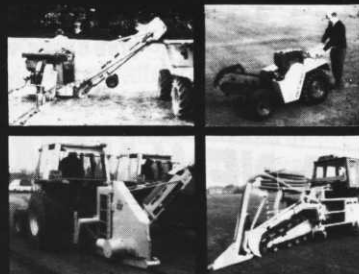
Axeline Eastern staff will be pleased to advise on any 'turf' tyre or wheel problem - telephone 020579 - 531.

New team for Rufford

RUFFORD Top-Dress Supplies, based at Rufford near Southport, who burst on the Top-Dress market late last year, have recently announced a list of distributors and agents appointed to make their product throughout the U.K.

For further details telephone Rufford on (0704) 821314.

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A QUICK, easy, simple and highly visible line marking system is available from Rocol Ltd - Rocol Easyline. A range of eight paints, packed in giant 30oz spray cans speeds up marking out of all surfaces.

Rocol Pitchliner, when used in conjunction with the Easyline paint, allows hard surfaces, grass and synthetic surfaces to be efficiently marked without the mess and time involved with conventional line painting methods.

More information can be obtained from the publicity department at Rocol Limited, Rocol House, Swillington, Leeds. LS26 8BS

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