

# Decision-making

You don't need Greenkeeper International to tell you of the bewildering range of equipment, suppliers



**The Allett Golf Green Special Mower is basically the Super Shaver, in a special frame to take the True Roll Grooming System.**

## **ALLETT TRUE ROLL GROOMING SYSTEM**

For the game of golf to be enjoyed, it is most important for the ball to run true on the green. It cannot do this if the turf is not healthy, free from lateral runners, and precision cut.

The Allett True Roll Grooming System ensures that the ball will run true. The power driven stiff nylon brush, fitted between the front roller and the cutting cylinder, performs three healthy functions. It brushes the turf to keep it healthy, it lifts the lateral runners to enable the cylinder and blade to cut them cleanly, and it brushes the front roller to keep it clean under all conditions.

The rear roller is also fitted with a power driven stiff nylon brush to keep it clean under all conditions. It is the combination of the brushes keeping both rollers clean, the gentle brushing of the turf, keeping it healthy and lifting lateral runners; that makes the Allett True Roll Grooming System superior to all others.

## **THE NIKKEN MOWER**

Dixon and Holliday offer a unique solution to three common problems associated with golf course bunker area maintenance.

— The successful mowing of very steep banks and slopes.

and manufacturers which exist to serve the industry. To save you wading through the brochures, we present an up to date overview of the latest equipment available and the companies to contact to arrange your own demonstrations.

— A flying sand hazard that causes many machinery failures when grass cutting.

— Maintaining a neatly trimmed edge where grass meets sand.

The incredible Nikken knapsack mower/brush cutter is the single answer to these sometimes difficult jobs. Fitted with the exclusive floating hood accessory, this highly flexible machine allows totally unrestricted movement to mow any steep bank or slope. The operator can either stand in a bunker and mow up-hill and/or ark over the grass, or stand at the top and reach down.

Flying sand? No problem with this machine. All sand sensitive engine components are out of harms way on the operators back – and it only weighs 12 pounds. Attach a trimming blade in place of the hood, rotate the handle through 90 degrees and trim edges neatly and quickly. In addition, the same machine can be used as a conventional brush cutter for scrub clearance, hedge trimming, tree pruning up to 4" thick, grass trimming and cultivation.

## **KUBOTA RIDE-ON MOWERS.**

Kubota (UK) Limited offer a range of ride-on mowers to meet commercial needs providing outstanding levels of convenience, versatility and comfort.

— G Series: G1700 and G 1900S.

Developed for the commercial grass market and larger cutting areas, the 15hp Kubota G1700 and the 18hp G 1900S, ride-on mowers are capable of meeting the demands of local authorities, golf courses and estates. These machines are real workhorses and both models have hydrostatic transmissions, cruise control to increase output with less effort, a quick attach mowing deck and a fuel tank that will allow the operator to work all day on a single fill-up.

The G1900S has the added advantage of 4 wheel steer enabling a more efficient cut closer to trees, verges and corners. Side discharge mowers come in 48ins, 54ins, and 60 ins widths and rear discharge mowers are available in 40ins and 48ins. Both models have shaft driven collectors.

— F Series: F 2000 and F2400

Completing Kubota's ride-on mower range is the F

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# New – or reconditioned?



**The KUBOTA G1900S 18hp, 4 wheel steer, Diesel ride-on mower.**

ing high quality reconditioned golf course machinery. They stock a wide range of machinery including 4WD compact tractors, large tractors up to 50hp, trailed and hydraulic gang mowers, pedestrian greens mowers, greens triple mowers, fairway, rotary and flail mowers and scarifiers. They are willing to supply anything from a single machine to a complete package for a new course and can arrange delivery throughout the country and overseas.

Fast becoming one of their most popular products are greens triple mowers. These are completely stripped and 're-manufactured' with all major parts: engine cylinders, bottom blades, bearings, bushes etc. replaced. These are modestly priced at £5950 plus VAT and are especially popular with new course owners who do not wish to risk using a new machine on newly laid greens. A call to 0532-676000 will bring full details.

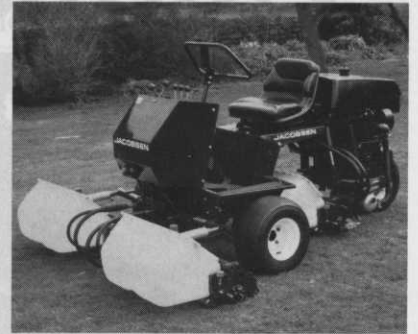
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series, comprising the 18hp, F2000 and the 24hp, F2400 front mowers. Both models have 4WD and hydrostatic suspension. The 4WD provides excellent climbing ability on steep slopes and difficult conditions. The reduced slippage and better floatation over the ground reduce tyre wear and damage to the turf.

The Kubota F2400 offers a wide choice of cutting deck widths with a 60 ins side discharge and either a 60 ins or 72ins discharge – ensuring high performance at all times. For year round usage the F series can be fitted with a flail mower, a rotary brush or a snow blade.

## GREENSWARD ENGINEERING COMPANY

Greensward Engineering are somewhat different from other firms in that they specialise in supply-



**A Greensward reconditioned triple greens mower.**

## HIGH QUALITY RECONDITIONED GREENS TRIPLE MOWERS



**FROM £5950 +VAT**

**Professionally reconditioned machinery for professionals!**

Phone NOW for full catalogue

Delivery anywhere—U.K. and export!



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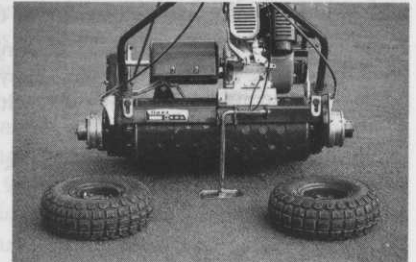
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Wide range of reconditioned machinery in stock:

- TRACTORS**
- COMPACT TRACTORS**
- GANG MOWERS**
- ROTARY MOWERS**
- FLAIL MOWERS**
- FAIRWAY MOWERS**
- TRIPLE MOWERS**
- CUSHMAN ATTACHMENTS**

## SAXON INDUSTRIES

In addition to their standard 22" greens mower, Saxon Industries are introducing a 22" model complete with a groomer reel which is located between the 5" diameter cylinder and the front roller. The rear roller is split for easy turning and a prop stand is easily operated to raise the machine from the ground to enable the quick-release transport wheels to be removed. Retail price for the groomer model is £2700 plus VAT and the standard non-groomer model is £1700 plus VAT. Further information can be obtained from Saxon Industries, Lower Everlands Road, Hungerford, Berks. RG17 ODX



**Saxon 22" greens mower with nine blade 5" cutting cylinder and q/r wheels.**

## NEW OFFSET MOWER FROM JOHN DEERE

Professional greenkeepers will welcome the addition of the 2243 self-propelled mower to the John Deere Grounds Care range. This is powered by a water-cooled 18hp Kawasaki engine and features three offset cutting units on a direct suspension frame, which can be locked in a mowing height to ensure an even cut of between 2.4 and 19mm (3/32 to 3/4 in).

Tracking wear on greens can be reduced by 50% due to the offset design. By changing direction of travel on alternate days the tyres run over different areas of ground during the perimeter cut. This reduces compaction problems due to daily greens mowing and gives the greens twice as much time to recover.

All three cutting units are powered by a single hydraulic pump, with electro-hydraulic lift and mow switches giving precise operator control. A special Greens Tender Conditioner will be available in 1991 which will help to reduce grain and increase green speed. Hydrostatic power steering and comprehensive instrumentation are standard.

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**The John Deere 2243 Professional Greens Mower.**

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Twin tanks hold enough fuel for over eight hours of operation and there is simple access for servicing. Price of the 2243 Professional Greens Mower starts at £11,825.

### IMPROVED METHODS OF GRINDING CYLINDER MOWER BLADES



**The Hunter JUNO Grinder**

Until recently controversy has reigned on which way to grind a mower cutting cylinder – to ‘spin’ grind in the traditional method or to ‘relief’ grind – thus introducing new terminology into the mower sharpening language. Hunter Grinders, based in Newcastle On Tyne, seem to have perfected the latter method to a high degree of accuracy, which is rocking established trains of thought and bruising long – held prejudices. From the growing numbers of greenkeepers willing to endorse Hunter’s products and methods it seems the argument is almost won.

‘Relief grinding – for the uninitiated – is simply grinding an angle off the back of each blade, thereby cutting down the friction with the bedknife. Clearly the bedknife lasts much longer (treble life, it is claimed) and the resulting lack of friction reduces fuel costs and cutting units tend to run longer between major overhauls. Because the ‘backed-off’ blades cut cleaner – with less heavy metal contact – it is possible to mow grass even in extremely wet conditions without marking, tearing or ribbing. The products capable of grinding to this standard of excellence are Hunter’s JUPITER and JUNO machines, both precision bedknife grinders and cylinder grinders. Modestly priced, they are already installed at a number of leading courses.

### NEW LINE-UP OF TORO EQUIPMENT FOR SUNNINGDALE

A new Fairway Aerator, four Greensmaster 1000’s and two Greensmaster 3000 -D’s is the new line-up of TORO equipment delivered to Sunningdale G.C., selected by club secretary Keith Almond and his course manager, following demonstrations by TORO dealer Ian Kerry (Machinery) Ltd.

The two courses at Sunningdale, which cover 400 acres of beautiful Surrey countryside, have been maintained by TORO machines since their UK market intro-

# Argument settled on the right way to grind mower cutting cylinder

duction in the 70s.

The delivery of the TORO Fairway Aerator to Sunningdale is the first one to a British Club since TORO introduced it to the UK market last year and has evoked much interest for its speed and quality of performance. “We can cover four fairways a day, including time spent cleaning up”, said acting course manager, Robert Brewer.

Sunningdale is very proud of its quality of greens and the walk-behind Greensmaster 1000, with its lower height which enables a very fine clip and high productivity rate of 225 cuts per yard, will be instrumental in maintaining these very high standards.

Endorsing the new consignment of TORO machinery, Keith Almond said “we have had years of satisfactory performance from TORO machines”, with proof seen in the impressive line-up of red machinery under the huge Oak which is synonymous with Sunningdale.

**Keith Almond,  
Robert Brewer and  
Ian Little with Sunningdale’s new  
Greensmaster 3000**



### RANSOMES – THE PROFESSIONALS

Ransomes, the world’s leading manufacturer of grass cutting and turf maintenance equipment, offer greenkeepers a complete range of specialist machines. Greatly admired at the BIGGA Harrogate Show were the GT Champion and GT Classic, two recently launched ride-on machines that have been developed from the widely used GT Greens Triple mower.

Meeting all the requirements of today’s greenkeepers, both of the GT’s have a 1.68 metre (66 ins) working width and are powered by a 12hp Kubota diesel engine, although there is the option of a Vanguard petrol engine for purchasers of the GT Classic.

Rear wheel power means that the GT’s are extremely manoeuvrable, with the up-front driving position offering excellent visibility over the work area.

On the Champion, control of the hydraulically-operated cutting units is by electronic toggle switches. This means the units can be locked in the raised position – in any combination – to allow cutting with one of two units for perimeter work, while cutting performance is given

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# Cutting time and hassle



**The Ransomes  
GT Champion**

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accurately in cuts per metre or clips per inch by digital read-out.

A choice of cutting heads are available for the GT Champion and Classic, including the 9-knife greens unit with Verti-Groom, the Verticut and 6-knife Tees unit. These can be changed in minutes, without the use of tools.

## SUPREME MOWING - THE CUTTING EDGE

Major developments have taken place over the past few years to provide the ultimate in grasscutting, with machines costing tens of thousands of pounds incorporating high-tec hydraulic systems and up-to-the-minute

computerisation. Regardless of machine design, cost or computer aided systems, if the cylinder and blade are not maintained correctly the end result is poor and ineffective.

Supreme Mowing design engineers have taken a serious look at all aspects of cylinder and blade maintenance to determine the ultimate in grinding machines in order to provide total efficiency and accuracy. The most important aspects - accuracy being obvious - was the need to reduce the labour and space elements and the outcome is the "Supreme Leader". This machine allows the operator total freedom once the fully automatic operations are set, and the unique design wheelhead, which is pivot mounted and incorporates two grinding stones, allows both cylinders and bottom blades to be ground with equal precision. There is also the facility to spin or single blade grind in situ - a distinct advantage - particularly in mid-season.

## FINE FAIRWAYS - FASTER

The Jacobsen LF100 has set new standards for tournament quality fairway mowing. With its mowing speed in excess of 5 mph and 100 inch (2.54 m.) cutting path, the LF100 produces exceptional results in record time.

The fully floating, steerable, 22 inch, seven blade reels have been specially designed to provide many years of top quality mowing, even under punishing high-production fairway conditions. Backlapping is a standard feature. The outer reels are positioned to the front of the machine, allowing better visibility for the driver and a closer, cleaner mowing line.

Thanks to its wide stance, the LF100 maintains excel-

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The Brouwer turf care team includes a roller, mini turf cutter, five gang fairway mower and a vac.



# THE TURF CARE TEAM



For sales, service and next day parts delivery

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