Decision-making

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

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**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.

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*continued on Page vi*
New – or reconditioned?

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

Kubota 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 are somewhat different from other firms in that they specialise in supplying 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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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.
Argument settled on the right way to grind mower cutting cylinder

The John Deere 2243 Professional Greens Mower.

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 £11,925.

IMPROVED METHODS OF GRINDING CYLINDER MOWER BLADES

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 introduction 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.
Cutting time and hassle

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-

THE TURF CARE TEAM

For sales, service and next day parts delivery
Dutton, Warrington, Cheshire WA4 4LL. Tel: (0928) 719336 Fax: (0928) 710329
When 'simple is beautiful

In proud mood when discussing their National 68 Triple Mower, Allen Power suggest it was this machine which started the popularity in the 70" triple market, and that it continues to be a favourite with people who earn their living cutting grass. Their views on fussiness are firm, with opinion on keeping free from complicated hydraulic systems and unnecessary 'tinwork' suggesting that simple is beautiful in a mower designed to cut grass - day after day - with minimum downtime. Points of interest include the free floating belt-drive action of the mowing units and its fine performance on banks, the 68 being capable of accessibility in difficult areas where the hand-propelled mower was once the only answer.

ISEKI - ON COURSE FOR BETTER GRASS CUTTING

The Iseki range of compact tractors reign supreme with a wide variety of mowing machinery to match. For the smallest in their tractor range - the TX, from 16-18 hp - there's a choice of rotary, flail or cylinder mowers, available in widths up to 1.5 metres and suitable to tackle a spectrum that spans rough and fairways through to immaculate greens.

For the 15-22 hp range of TU tractors, Iseki offers a choice of rotary or flail mowers, some of which can be mid-mounted, making them ideally suited to multi purpose grass and verge cutting. For fairway gang mowing, the larger TA tractors - from 25 to 48 hp - with Shuttle gearbox giving 16 graduated speeds forward or reverse and true four wheel drive, give excellent grip when mowing banks or undulating fairways. When it comes to cutting, Iseki tractors and mowing machinery offer adaptability and versatility, making them a true driving force.

BUCHER - THE SWISS NAME FOR PRECISION

Bucher's entry into the grasscutting stakes comes with two different and dramatic machines, both built with Swiss precision for clockwork grasscutting year round. the Bucher TM Multi is a four wheel drive, 33 hp machine with the ability to handle fine cut front gang mowers, a rotary mower or even a front flail. It is superb on fairways; tough on the rough; and great on greens and tees - truly an adaptable machine for all year round operation.

If cutting on steep banks is your problem the Bucher TM 850 is the low profile answer.

RFE TURF MACHINERY LTD

RFE have a new addition to their very successful Ransome Motor 180 diesel engine conversion, which uses a Japanese 'Robin' diesel engine and offers increased reliability, easy starting, fuel economy and lower maintenance costs.

The new addition is a water-cooled three cylinder conversion for the Cushman Truck, which is a specialist turf maintenance machine with a multitude of different uses and accepts attachments for spraying, aerating and other turf management functions. Several types of engine have been tested, the latest being a 16.5 hp Yanmar diesel, a compact engine giving all the benefits of the Ransome 180 conversion. Prices and specification will be available soon.

Main dealers for Allen - Easy Picker - Iseki - Jacobsen - Woods

We buy and sell - always willing to take part exchange

NATIONWIDE SPARE PARTS SERVICE

Bookings now being taken for Ransomes 180 Diesel Conversions

ASK YOURSELF ISN'T IT WORTH ONE TELEPHONE CALL?