



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

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 Sun-
ningdale'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.



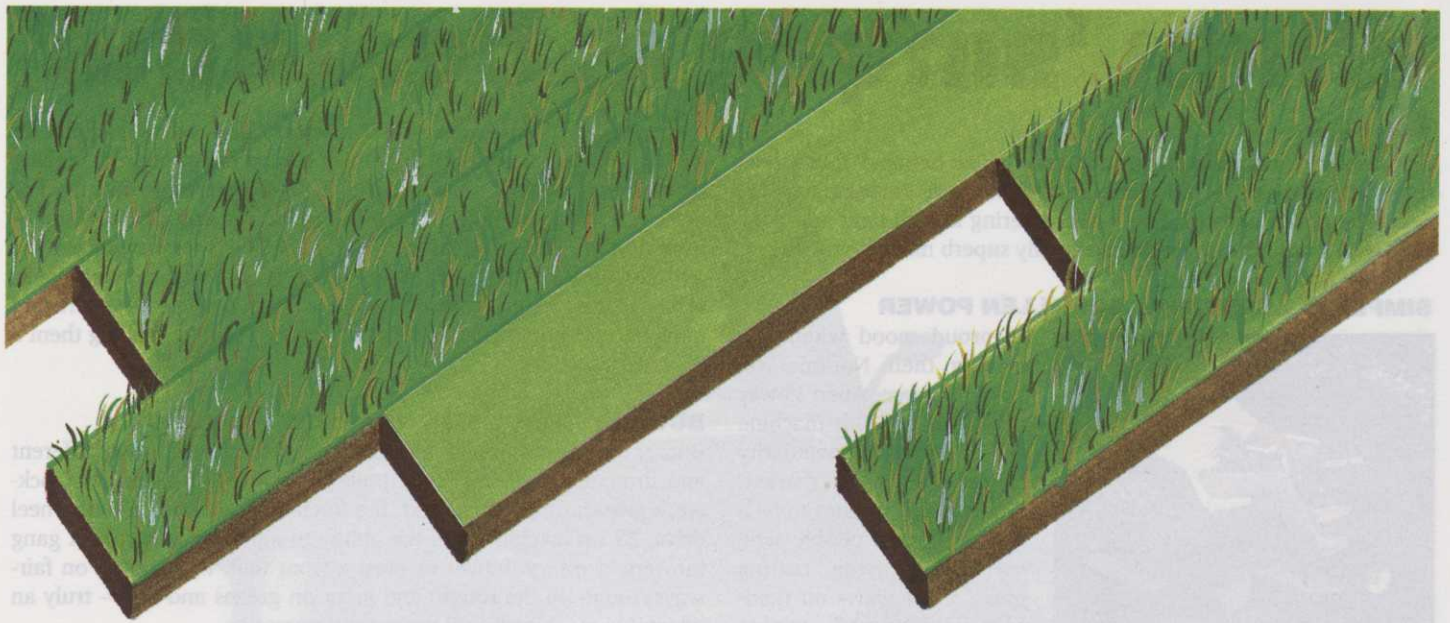
THE TURF CARE TEAM



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THE LEADERS



STREAKS AHEAD OF THE COMPETITION

The efficiency of today's highly engineered lawn mowers and quality of cut can only be maintained with correct and accurate grinding of their cylinders and blades.

The 'Leader' range of grinders not only achieves this but offers many features unequalled on any other machine, making them the ultimate in lawn mower grinders.

At the heart of a 'Leader' is a solid free standing frame with a cast iron bed and 2" precision ground guide rails that ensures an accuracy of less than 0.005" in 30 inch in straightness, whether grinding insitu or out of frame.

Coupled with this, great emphasis has been placed upon operator safety with a self contained coolant

system, fully enclosed canopy that reduces noise and dust levels to a minimum and safety cut out devises that allow the operator to leave the machine whilst on automatic operation with absolute confidence.

For a demonstration and further details contact:- Linda Bottomley

**S U P R E M E
M O W I N G**

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Put other greens mowers alongside a Lesco and you'll notice the difference. Ours is simple in design, sophisticated in performance and built with that American expertise. Yet it has no fancy bodywork, no hard - to - get - at mechanics. So what you see, is what you get. That makes it the best value professional greens mower on the market today. There's a choice of diesel or petrol power and all the optional extras you'd expect from one of the world's leading manufacturers. Best of all is the price. It's as low as we can get without compromising on quality and you'll find that a contrast to some other green mowers we could name! Call now for your local dealer details.

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