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... and to guarantee that your club members have a course in 'tip-top' condition, you can do no better than get behind the wheel of a TORO! There are models to suit the needs of all Greenkeepers and the odd peculiarities of undulating ground contours. The GREENSMASTER 3000 together with the new 'groomer reels' can produce the finest greens on any course. Take a trial run at anytime and you will immediately see the value of TORO's unequalled technology in manufacturing the right machine for the right task. Fairways and Aprons are efficiently cut whatever the weather, complimented by the GREENS AERATOR which assists with that previously slow task of turf aeration. The popular SAND-PRO is also No. 1 choice for those important bunkers.

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Financial Crisis

Despite the huge sums of money floating around the world of golf in an ever increasing spiral, we hear of yet another plea from a deserving cause.

No, it is not the Greenkeepers asking for a living wage, but this time it is the Golf Foundation, a charitable organisation whose sole objective is to promote junior golf at grass roots level through coaching schemes at both schools and clubs.

This year they face an income shortfall of around £50,000.

Figures supplied by the Golf Foundation reveal that only 300 clubs in Britain make a contribution to the funds. That leaves some 1,700 skintight Committees who have totally ignored requests for a donation to help not only the elite in the amateur game, those dozen or so who represent the County together with the back-up administrators, live pretty well whilst in team competition.

We have of course heard it all before. If every golfer would donate just 10p then the Foundation would have £180,000 and their financial problems would be over. Most golfers if asked would donate 10p, probably more if they understood the excellent work of the Golf Foundation.

The only way this sum can be raised is to make a direct appeal to management committees. If they feel they cannot justify a sum from the annual subscription then surely someone could organise at least one competition during the season, run a sweepstake or even put a Golf Foundation swear box on the bar.

How many of us have said as we swing the club in an arthritic curve - if only I had started the game earlier?

It is too late for us, but not too late to help a youngster on the right path to golfing success.

Tragic ending to prize trip

There was a sad ending to the Houston trip for Young Greenkeeper of the Year, Huw Morgan, who heard by telephone that his father, Vivian, the Course Manager at Pontadawe Golf Club, Swansea, had died suddenly at his home course.

Huw, Head Greenkeeper at Fairwood Golf Club, had already made the most of his prize visit to Texas and was spending a final few days taking up the numerous invitations he had received to see the top courses in the northern part of Houston.

Despite a bout of "Texan Flu", Huw had participated in as many events as could be squeezed into his hectic schedule and was using his last few days to see how the best courses were managed.

We would like to extend our sympathy, to Huw and his family, in their sad loss. We know how much he was looking forward to sharing his experiences with his father on his return to Swansea.

Huw is a fine ambassador for the younger generation of British Greenkeepers and his club can be proud of him.

---

News Round-up...
Greens King® IV Diesel.

Now, you can approach the green with the finest tournament-quality triplex greens mower and cut your fuel costs virtually in half. Because the innovative Jacobsen Greens King family introduces another industry first: Diesel.

The new 16½-hp. diesel Greens King IV provides more power for climbing and cutting. Plus, this diesel model has many standard features you'll only find as options elsewhere. Like full floating and pivoting reel units that steer through turns without scuffing or marking; full hydraulic drive with dynamic braking for greater control; just let up on the pedal to slow down; and, variable speed control which allows the operator to select the precise ground speed and frequency of cut for greens while still allowing full speed for transport.

By cutting horizontal runners and removing thatch, the patented Turf Groomer™ attachment creates faster, truer and healthier greens without lowering height of cut.

If you prefer a gas engine, both 14-hp. and 16-hp. models are available. Giving you the broadest selection of riding greens mowers in the industry. With more options, to help you meet your greens care needs more precisely. Like the revolutionary, patented Turf Groomer™ attachment for faster, truer greens. Without lowering height of cut.

And, the unique performance monitor which digitally displays all speeds, including cutting frequency, so the operator can evaluate mowing performance, instantly.

What's more, every Greens King is backed by the most extensive support network in the industry. So, contact your Jacobsen distributor to arrange a free demonstration. And see for yourself why the Greens King family is the best in the business.

Greens King and Turf Groomer are trademarks of Jacobsen Division of Textron Inc 1986
NEW 7-GANG HYDRAULIC MOWER GIVES A TOURNAMENT-QUALITY CUT

Racine, WI Jacobsen's new 7-Gang Hydraulic Ranger gives a tournament-quality cut on up to 60 acres per day with its productive, 15-foot cutting swathe. Powerful hydraulic reel motors cut heavy or wet grass easily, with plenty of extra power for large-area vertical mowing.

Tractor-mounted operator controls allow cutting with 3, 5, 6, or all 7 reels. The Ranger is less than eight feet wide with all reels raised for transport. It has reversing reel controls for vertical mowing and backlapping.

Combined with Jacobsen's G-20D turf tractor, the 7-Gang Hydraulic Ranger gives high-production, quality mowing with low ground pressure, good manoeuvrability, and improved operator control.

The unit can be pulled by any 35 P.T.O. hp or larger tractor. The Ranger's hydraulic pump attaches directly to the tractor P.T.O., allowing sharper turns than models with a drive shaft connected to the P.T.O. The 7-Gang Ranger can turn 180° without leaving an uncut circle of grass.

The 7-Gang Hydraulic Ranger can be equipped with either 6- or 10-bladed reels for a wide range of high-quality mowing applications. Reels can be free-floating to closely follow ground contours at low cutting heights on fairways and other normal turf areas, or they can be locked in a fixed position for efficient cutting of roughs and informal turf and higher cutting heights.

Vertical reels are available to convert the Hydraulic Ranger into one of the most productive large-area verticutters available. Blade spacing of \( \frac{1}{3} \)" and penetration of up to \( \frac{1}{2} \)" gives thorough, one-pass coverage.

WOOSNAM HEADS STAR CAST FOR DUBAI'S GOLFING SHOWPIECE

Ian Woosnam, leading money winner in the world last year, will line up alongside three more of golf's top professionals to help launch the first championship venue in the Arabian Gulf next month.

Woosnam will partner his European Ryder Cup team-mate Sam Torrance during a $150,000 18-hole challenge match against Australian stars Rodger Davis and Graham Marsh at the Emirates Golf Club in Dubai on March 11.

The Emirates Challenge will climax a four-day inauguration for the first grass championship course in the Gulf.

H. H. Sheikh Mohammed bin Rashid Al Maktoum, the UAE Minister of Defence and the Principal behind the Emirates Golf Club, will perform the official opening on March 8.

Over the following two days, Woosnam, Torrance, Davis and Marsh will take part in two Pro-Am tournaments with 72 amateurs as a build-up to the East v. West Challenge match.

"The appearance in Dubai of four such accomplished players will be a significant step towards establishing the Emirates Golf Club as a venue for full-scale professional tournaments", said Stephen Trutch, Sheikh Mohammed's Yorkshire-born projects co-ordinator.

With tournament specialists Dunhill one of the main sponsors, the Emirates Challenge is assured of world-wide media coverage.

In little more than 18 months, the Emirates Golf Club has transformed 700,000 square metres of desert on the outskirts of the city of Dubai.

An elaborate irrigation system draws water from Dubai's desalination plant and feeds it to the course through more than 700 sprinklers, giving life to Bermuda grass and thousands of trees and shrubs.

As much as 40 per cent of the water may be re-cycled as a result of a novel scheme devised by the construction team to pump water back up out of the ground into two lakes linked into the irrigation system.
It’s a whole new ball game aerating with a Greensaire

With Ryan’s famous 2 inch by 2 inch tine pattern, removing 36 cores per square foot – and its unique vertically in and out tine action eliminating hole elongation and side wall compaction – aerating with the new Greensaire 24 can really lead to a whole new ball game.

It’s those unique Ryan features that result in more soil removal, better root development – and a smoother putting surface.

Up to 8000 square feet per hour can be aerated and the Greensaire 24’s transport speed is quicker too. Then there’s the optional core processor and windrow attachment – both designed to let you complete the job more quickly. With less maintenance downtime too you can see why we say that aeration with the Greensaire 24 is a whole new ball game for your players and for you.

Tune-up guide for Cushman Users

A pocket-sized guide to the tuning of petrol engines fitted to Cushman Turf Truckster vehicles and Cushman Front Line ride-on rotary mowers is now available free of charge from the Cushman distributor for the British Isles, Huxleys Grass Machinery.

Produced using full colour illustrations with clear accompanying text, the Cushman tune-up book covers both the 18hp and 22hp petrol engines manufactured in the USA by Cushman parent company, OMC.

Included within the guide is step-by-step instruction to checking and adjusting the engine’s valve clearances, its ignition timing and governor settings. Also described and illustrated is compression testing, carburettor adjustment and the correct replacement of spark plugs, points and fuel filters.

Designed to complement the comprehensive workshop service manuals available for the range of Cushman turf maintenance vehicles and ride-on rotary mowers, the new guide may be obtained through Cushman dealers nationwide or direct from:

Huxleys Grass Machinery,
The Dean, New Alresford,
Hants. SO24 9BL.
Telephone: 0962 733222.

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SALE DAY AT TURFLAND

A bargain sale and demonstration day is to be held at the Warrington headquarters of Turfland on Tuesday 22nd March. Turfland are the sole distributors for the Brouwer range of turf maintenance machinery in the UK. Many of the sale is likely to be the Brouwer Vac on offer at £9,500, saving almost £5,500 on the standard price.

Janet Watmore, wife of the Managing Director, Chris Watmore, told Golf Greenkeeping this was their demonstration model used out on the "Road Show" only nine times. For cleaning up after an event such as a major golf tournament or a race the Brouwer Vac is ideal to gobble up the accumulated debris.

There are many other bargains on offer, mainly from the demonstration equipment including a full range of five and seven gang fairway and greens mowers. Other equipment will include ride on and pedestrian turf rollers, turf cutters and lawn renovators.

There is also an ex-demonstration verti-cutter at well below the usual asking price.

Those attending the show and demonstration day at Redhouse Farm, Dutton, would be well advised to take their cheque book, as Janet has told us there are a number of offers on new equipment as well.

BIGGA join National Turfgrass Council

September's NTC business meeting saw the unanimous acceptance of the British and International Golf Greenkeepers' Association's application to join the Council and seek representation on its main body.

In 1980 both BGGA and SIGGA were members of the NTC, but the latter's participation lapsed, and the former's was dissolved when the three greenkeeping associations came together under one roof in late 1986.

Howard Swan, NTC Chairman, commented: "I am delighted that the new greenkeeping association has decided to join all the industry's other bodies on the Council and to show its support for us in our growing role as the umbrella organisation. I understand that in the short time BIGGA has been formed it has attracted almost 2,000 members, without trade involvement, which is a remarkable achievement worthy of much congratulation. With such strength behind it, and under Executive Director Neil Thomas, I look forward to BIGGA's contribution to the future working of the NTC, which will be of important significance."
HAVE YOUR SPRINKLERS LOST THEIR IMPACT?

REPLACE THEM WITH TORO, THE TOP PEOPLE'S CHOICE!

Ask your Head Greenkeeper if he's totally happy with the performance and reliability of the sprinklers around your course. If there are doubts, call your nearest Toro Distributor for helpful professional advice. He will show you the range of Toro gear-driven sprinklers designed especially for golf course watering. He will tell you just how technically superior they are - how they can improve watering efficiency and just how simple it is to improve your existing system.

Top people’s choice? You’ll find Toro Sprinklers watering the sacred turf of St. Andrews, Centre and No. 1 Courts, at Wimbledon and the pitch at Wembley Stadium...

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The top people's choice!
WHAT'S NEW IN GOLF COURSE MANAGEMENT

The Wearing of the Green

Surprise addition to the Ransomes, Wisconsin stand were four machines easily recognisable as made in the Maclesfield factory of SISIS. A fact quickly confirmed by the arrival of none other than SISIS Sales Director, Arthur Harrison accompanied by Joint M.D. Bill Hargreaves.

The colours of the Auto Turfman, Autor Rotorake, Trio Rotorake and the Auto Seeder were still in the traditional SISIS orange but superimposed with the Ransomes logo, an event which raised several eyebrows among the newshounds seeking an inside story of intrigue within the international manufacturing industry.

Delving deep into his brief case, jet setting Mr. Harrison, produced a press release still warm from its passage through the photo-copying machine to announce that Ransomes Inc. had agreed to carry out a market evaluation of the SISIS products on their stand. He pointed out these machines were already distributed successfully in other countries through joint Ransomes/ SISIS dealers, but denied the arrangement would be extended to the UK.

To match the Ransomes image, the machines would be repainted.

OLD TOM MORRIS’ AWARD PRESENTATION

Gene Sarazen, winner of the Open Championship and the US Open in 1932, the year after he invented the sand wedge was presented with the prestigious “Old Tom Morris Award” at this year’s GCSAA closing banquet.

Now a sprightly 85 year old, Gene, one of golf’s all time greats received many tributes prior to the presentation, but none more moving than from his friend and colleague, Robert Trent Jones Jr.

Winner of the US Open for the first time in 1922 at only 20 years of age he went on to win countless championships, but became known best for his hosting of the television series ‘Shell’s Wonderful World of Golf’ in the 1960’s.

Sarazen last played in the Open Championship at Troon in 1973 to commemorate his 50th Anniversary and celebrated the event by holing in one in front of a huge television audience.

RECORD BREAKING HOUSTON SHOW

Another memorable convention linked to a three day exhibition was held at the newly opened George R. Brown Convention Centre in Houston, Texas, during the first week in February.

Organised by the Golf Course Superintendent’s Association of America this 59th International event attracted an even larger attendance than the record breaking Phoenix show in 1987. By Sunday night, with a further full day to complete, registered visitors topped the 13,000 mark, 500 up on the total for last year’s Arizona Convention.

British visitors, boosted by a party from the Institute of Groundsmen, swelled the numbers from this side of the Atlantic to a respectable sixty plus, most of whom travelled out from Gatwick by DC-10 on a British Caledonian scheduled flight to stay at the Houston Grand Hotel adjacent to the magnificent Galleria shopping complex some eight miles from downtown Houston.

First time visitors to the USA, particularly to relatively new cities are initially puzzled by the distances most hotels are situated from the Conference facilities, though thanks to the faultless transport organisation this is never a problem. A fleet of courtesy coaches run throughout the five full days of the Convention, picking up visitors from their hotels and taking them, often on a scenic route, to the hub of activities.

Those who did book into downtown Houston Centre hotels found that after 6.00 p.m. the night time activity had shifted out of town to places such as the Greenway Plaza with its teeming restaurants, bars and shopping Malls, many open until the early hours.

British greenkeepers, fortunate enough to make the trip were rewarded not only with a wealth of fascinating lectures and seminars, but one of the finest turf grass exhibitions staged anywhere in the world. If this was not enough they were on the receiving end of an extended hand of friendship from their American counterparts and hospitality to a standard, which could well be described as memorable.

The grateful thanks from those this side of the Atlantic must be extended to Ransomes’ American subsidiary, the Toro organisation and the Jacobsen Corporation, for invitations to their dealer receptions. Not only were the Brits superbly entertained, but they were given the opportunity to meet and discuss golf course problems with others of similar interests from the four corners of the globe.

Where else could golf course managers, machinery manufacturers and their dealers, from the East, West, North and South meet in the atmosphere of an ‘international family reunion’ other than at an event such as the Jacobsen Banquet. From Tokyo to Singapore, Sydney to Zurich, London to Los Angeles, regardless of colour or creed, all had a common purpose, the betterment of playing conditions on the golf course.

Jacobsen’s International Director of Sales, Curt Kimpfbeck, must have been a proud man that night presiding over his gathering of friends and colleagues, all of whom introduced by name, awarding accolades for achievement including one to Chris Smith, their Sales Manager in the UK, who looks up the King’s Lynn operation.

Among the special guests was Berkhamsted, first assistant greenkeeper, Gerald Bruce, who last year won the National Greenkeepers’ Tournament, sponsored by Jacobsen after a nail biting sudden death three way play off over Hunstanton Links Course in October. His prize, a trip to the USA, not only took him to the international banquet but gave him a once in a lifetime opportunity to see another side of golf course management.

YARDAGE MARKERS - MUSHROOM ON FAIRWAYS

Although some of our more rule conscious golfers will bethumming through their bibles to check whether distance markers are defined as 'outside advice', or information, they may be interested to know the provision of such information is a growing business in the United States.

Ways of indicating distance to the green come in a variety of both distinct and discreet fashions. Even the giant Korstan Ping company have diversified into a range of multi-coloured thermo-plastic yardage markers that can be let into the fairway surface at ground level at the same height as a fairway marker.

Three figures are shown on the 7½ inch diameter discs. The distance to the centre of the green, the distance to the front of the green and the yardage to the back.

If the club do not want their course marked out with red, white and blue, a discreet way to speed up play is to use the metal discs that can be screwed to the tops of the fairway marker heads. They are custom made to fit the leading makes of irrigation equipment, can include the name of the club and show the distance in yards to the green centre.

Getting players around a course in the shortest possible time is the responsibility of any commercially minded management. Members know their distances by experience. Yardage markers will help visitors to play the correct shot, enjoy their round and alleviate hold-ups from over or under clubbing into lost ball positions.

This is a golf course accessory which could do well in Britain once the initial prejudice has been overcome.

Our next issue will contain more news of machinery developments we can expect to see in the next few months.
BROUGH GOLF CLUB

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This vacancy will interest a qualified and experienced Assistant or Head Greenkeeper who is keen to further his career and have the ability to lead and control his own team.

Opportunity exists for the successful applicant to be a party in an exciting and ambitious expansion programme.

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Kirby Muxloe,
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Applicants must possess a sound knowledge and experience of modern turf management techniques and a thorough knowledge of the use and maintenance of machinery, equipment and watering systems.

Salary negotiable but will be attractive and commensurate with this important position.

Write in the first instance giving full details of training, experience and present salary to:

The Secretary,
Filton Golf Club,
Golf Course Lane,
Filton, Bristol BS12 7QS