SISIS



BUILT WITH 90 YEARS EXPERIENCE

Built with **90 Years Experience**

For 90 years the world's finest groundsmen, greenkeepers and gardeners have been choosing SISIS, the world's best turf maintenance equipment. The reason more people trust SISIS is that, like our users, we've always refused to compromise on quality. This commitment explains why even today every part of every machine is designed and built with pride in Derbyshire, England, incorporating only the finest materials and assembled by our team of engineers.

Investment in the SISIS brand continues to be at heart of everything we do. State-of-theart facilities, high productivity manufacturing, training facilities for staff and customers, latest production systems, exhibitions, educational seminars and of course new products, designed on the latest computer software systems.

2022 will see the next generation of SISIS equipment. Battery powered, no compromise alternatives to our petrol machines, with super low CO2 footprint helping everyone towards the carbon neutral goal.

At SISIS we have long understood that service and aftersales must be as superb as the equipment for customers to achieve maximum performance and first class results. Our dealers and distributors, both in the UK and overseas, are trained in installing and maintaining all SISIS products to give you first class service wherever you are.

We hope you enjoy looking through our products and, if at the end you're not certain what makes our machines so different, we ask you give one a try.



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Admired for innovation the WORLD OVER

Our team work harder to offer more support to more customers more of the time – whether at grass roots or with professional users. That's why you'll see our machines on the best pitches, greens and fine lawns around the world.

Solid Engineering with a unique feel...

Our reputation for innovation began in 1932 and has continued ever since. Through our ongoing development of cutting edge ideas our expertise will help the way natural and synthetic playing surfaces are prepared and maintained.

At SISIS every design detail makes a difference to performance. From industry firsts such as the patented contra-rotation principle developed in the 1950's to the more recent Aer-Aid system that's revolutionized the ground care industry, you can be sure engineering innovation runs through every SISIS machine.





"I use the Dart once a month and it gives us great results every time. We have a variety of interchangeable tines which help. It was the first step to improving the health of the green and it has worked wonders."

> Ian Fraser, Head Greenkeeper – Pitmedden Bowls Club

"The players have commented that the pitch looks and plays great. At the end of the day my job is to make the pitch better for them and the Quadraplay is helping me to achieve this".

Lawrence Brown, Grounds Manager – Ilford Rugby Club





"Since I have had the Auto-Rotorake MK5 scarifier, I have been absolutely delighted with it. It delivers exactly what I want, it is comfortable to use and has plenty of power to undertake any of our key maintenance tasks."

Clive Brown, Groundsman – Bourne Cricket Club

"Overall it is just a fantastic piece of kit. There has been a big improvement in the greens and our soil samples have proved that the thatch levels have dropped dramatically since using the TM1000."

Michael Burgin, Head Greenkeeper – Normanby Hall Golf Club



Versatile Variseeder key to overseeding

The versatile SISIS Variseeder 1300 has been key to overseeding without disruption according to Simon Marshall, Head Greenkeeper at Wishaw Golf Club.

Simon has been working at the golf club in the West Midlands for an impressive 26 years. It could, however, have been a vastly different story as rather interestingly, he used to be a candle maker and delivered them to churches all over the country. As a keen golfer, and already a member of Wishaw Golf Club, there was only one job he wanted.

"I have been a member at Wishaw since the age of 27 and I was so keen to get into greenkeeping that I spent the first summer helping out around the course, raking bunkers, cutting tees, and slowly learning the business."

His willingness and work ethic were rewarded when he was offered a full-time role at the 18-hole parkland course. Simon is now the Head Greenkeeper, and even though he admits that there is still a lot of work to do, the course is progressing nicely.

He explained that one such improvement was to start to incorporate more bent grass into the greens and to do this they needed to look at new equipment.

"Our aim is to try and get as much bent grass into the greens as possible and we thought that we could really do with a seeder," he said. "The first one we tried was a slit seeder but it just caused too much disruption. It was at this point that our attentions turned to the SISIS Variseeder.

"I spoke to a few other greenkeepers from other courses, and they all recommended the Variseeder – it just seemed a no-brainer."

The SISIS Variseeder is a versatile easy to use tractor mounted seeder with a variable seeding rate ideal for golf course maintenance and for use on lawns and amenity areas. It has a fast work rate, is low maintenance with few wearing parts and enables overseeding to be undertaken without taking ground out of play. Complete with a studded roller, the Variseeder prepares the seedbed by creating thousands of little "plant pots" to receive the seed without linear grooves that can disturb play.

"I like the fact that the Variseeder is light and very easy to use," said Simon.
"We are quite a wet course in the winter and our tees experience a lot of wear.
Therefore, the lighter the machine the better and the Variseeder is brilliant in that respect.

"Its versatility is its best feature. We overseed with it three times a year on the greens, overseed on the tees as much as we can, and the surrounds too. I also like how you can use it with different types of seed. If you can buy one machine that can do multiple jobs, then it is a bonus in my opinion."



"I spoke to a few other greenkeepers from other courses, and they all recommended the Variseeder it just seemed a no-brainer."



Auto Rotorake MK5

Easy to use scarifiers for maximum thatch control and removal

SISIS pedestrian scarifiers use contra-rotating reels for a clean consistent performance, perfect for fine turf surfaces.

Ideal for:

Bowls, Croquet, Tennis | Cricket | Golf | Lawns | Local Authority & Contractors



Lightweight and easy to manoeuvre, this pedestrian scarifier has been specifically designed to allow a range of interchangeable reels to be used for all year round maintenance. Maximum thatch control and removal helps to reduce the risk of disease, encourage 'up right' grass growth and a 'true' playing surface.



- Contra rotating reels with specially designed tipped blades for a clean consistent performance
- Quick change reels for thatch control and removal all year round and other essential maintenance tasks
- User friendly operator presence controls designed for maximum operator safety
- Micro depth adjustment control positioned on the handle for easy use
- Incorporate independent drive to the wheels and reel for effortless performance
- Slick tyres and full differential ensure ease of turning



MODEL: **AUTO ROTORAKE MK5 POWER UNIT**

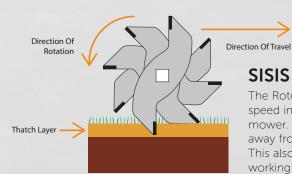
FS1052 Code:

Working width: 500mm (20")

GX160 Honda Engine Engine:

For details of reels go to Page 11.

FULL SPECIFICATION AVAILABLE ON www.sisis.com



SISIS Contra – Rotation Principle:

The Rotorake principle incorporates a series of blades rotating at high speed in the opposite direction to that of the conventional cylinder mower. The blades therefore cut upwards, continuously taking grass fibre away from the surface rather than pushing it into the surface of the turf. This also ensures that the machine is held to the ground and a regular working depth maintained.

Rotorake 600HD & 600HDX

Heavy duty scarifier and linear aerator recommended by professionals

Ideal for:

Bowls, Croquet, Tennis | Cricket | Golf | Lawns | Local Authority & Contractors

These heavy duty scarifiers are equally at home when used for regular routine use at a shallow setting or a deeper setting when required. They also contribute to aeration and compaction relief by cutting clean, continuous slits to assist water and air absorption. The 600HDX is ideal for use on tough warm season grass species.

Unique features:

- · Contra rotating reels with specially designed tipped blades for a clean consistent performance
- · Quick change reels for ultimate thatch control and removal all year round
- User friendly operator presence controls designed for maximum operator safety
- 6 forward speeds for efficiency under varying conditions and depth
- · Reverse gear for manoeuvrability
- Incorporates independent drive to the wheels



Rotorake Easy to Change Reels

Reels	MK5	600HD	600HDX	
1mm tungsten tipped verticutter reel	FS1098	n/a	n/a	
1mm replaceable, wear resistant tungsten tipped blades (12mm spacing) can be used throughout the season. Can also be used for light scarifying.				
1mm tungsten tipped verticutter reel	n/a	FS1156	FS1156	N WAR
1mm replaceable, wear resistant tungsten tipped blades (12mm spacing) can be used throughout the season. Can also be used for light scarifying.				
1.6mm scarifying/thatch removal reel	FS1093	n/a	n/a	- MANA
1.6mm replaceable, wear resistant tungsten tipped blades (20mm spacing). Ideal for pre ϑ post playing season renovation work.				
2mm scarifying/thatch removal reel	n/a	FS1155	FS1155	11 41 41 41 41 41 41
2mm replaceable, wear resistant tungsten tipped blades (24mm spacing). Ideal for pre ϑ post playing season renovation work.				
2mm scarifying/saw blade reel	n/a	FS1253	FS1253	Anne
Specially designed blades (24mm spacing), with six 2mm wear resistant tungsten tips which are ideal for heavy duty deep scarifying. Ideal for cricket squares and other similar compacted surfaces.				
Thatch control reel	FS1095	n/a	n/a	
Sharpened offset triangular blades (6mm spacing) used regularly throughout the playing season to control lateral growth and improve green speed.				
Verticutter	FS1200	FS1252	FS1252	Add
Sharpened triangular blades, (12mm spacing) used regularly throughout the playing season to control lateral growth and improve green speed.				
Brush reel	FS1088	FS1157	FS1157	STATE OF THE STATE
Used throughout the year for debris collection and clean up. Also used prior to mowing to stand grasses up and improve cut quality.				The Manufacture of the last
Multi Dense/Synthetic brush reel	FS1090	FS1275	FS1275	
Used throughout the year for debris collection and clean up. Also used prior to mowing to stand grasses up and improve cut quality.				
Rolaspike/Sarel roller	FS1113	FS1158	FS1158	" " " Andolald delegation
Provides fast & effective surface aeration. Used during the playing season enables penetration of air, water and fertiliser.				- THE STATE OF THE
Faze-Mo reel	n/a	FS1159	FS1159	
Heavy duty reel used for removing unwanted surface matter such as thatch and weeds and surface levelling.				

^{*}Please note reels are available for the **Rotorake 450**, **Autorake Mk4** and the **Trio Rotorake** - please contact the office on **01332 824777** or your nearest dealership.

Rotorake TM1000

Combined scarification and linear aeration with heavy duty power

Ideal for:

Football, Hockey, Rugby | Cricket | Tennis | Golf | Lawns | Local Authority & Contractors



A specially designed tractor mounted unit with a choice of four quick release interchangeable reels to aid the removal and control of thatch and help to reduce standing surface water by improving water infiltration. Features include a contra rotating reel for a clean consistent performance with a selection of various blades to suit key tasks.

The weight of the collection box and material is carried by the main frame on the front roller and independent from the reel, so when in use the additional weight does not force the reel to scarify deeper than has been set.



- · Floating unit to follow ground contours
- Fast ground coverage
- Interchangeable reels and optional variable spacing allows key tasks such as scarifying, linear aeration, verticutting and brushing to be carried out
- Quick release reel system
- No tool depth setting for fast, simple adjustment
- Contra rotating reels ensure a clean consistent groove
- Standard Cat. 1, 3 point linkage
- When used without collection box, scarifying unit can be off set so that the wheels do not run over the removed thatch
- Optional hydraulic tipping kit



Contra rotating reel ensuring excellent performance





Easy to use manual tip system

Large capacity collection box, shown with optional hydraulic tip kit

MODEL:	ROTORAKE TM1000	
Code:	FS1258	
Working width:	1000mm (40")	
Tractor power requirement:	18-20hp minimum	
Working depth:	50mm (2") max (with scarifying reel)	

Includes collection box.
For details of reels see below.

Used throughout the year for debris

prior to mowing to stand grasses up

collection and clean-up. Also used

Aggressive removal of thatch layer

and surface levelling at the end of

FULL SPECIFICATION AVAILABLE ON www.sisis.com

Rotorake Easy to Change Reels

Reels

Brush reel

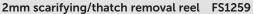
Faze-Mo reel

season

Reels 1mm

1mm light scarifying/verticutting FS1260 reel

1mm replaceable, wear resistant tungsten tipped blades. Can be used throughout the season.



2mm replaceable, wear resistant tungsten tipped blades. Ideal for pre and post playing season renovation work.



3mm replaceable, wear resistant tungsten tipped blades. Ideal for pre and post playing season renovation work.





Optional Extras

and improve cut quality.

Hydraulic Tipping Kit

FS1061

FS1263

FS1262



Veemo MK2 and Veemo HD

Minimum surface disturbance with maximum thatch removal – designed for large areas

Ideal for:



Close-up of blades

Purpose designed, triple mounted hydraulic driven scarifiers using strong cutting blades for maximum thatch removal and minimum surface disturbance.

The three independently floating heads follow ground contours closely without scalping.

Depth of cut is infinitely variable by means of a locking micro—adjuster on each unit. A choice of 1mm or 2mm tungsten tipped blades are available to carry out scarification and verticutting requirements.

The Veemo HD is ideal for warm season grass species.

Unique features:

- 3 fully floating units mounted on a chassis with support wheels to follow ground contours
- Efficient hydraulic system with large volume tank
- Direct hydraulic motor drive to each reel unit for maximum power transmission without belts
- Tool free depth setting by micro control on each unit means fast, simple adjustment
- Standard Cat.1, 3 point linkage for fast, easy coupling to tractor unit
- Integral heavy duty oil cooler for all climate conditions
- Fast ground coverage saving time and money



Micro adjusters for depth setting



Direct Drive to reel shaft via hydraulic motor



Tungsten tipped 'hook' blades for durability



Integral heavy duty

MODEL: VEEMO MK2
INCLUDING OIL
COOLER

Code: FS1014
Working width: 2000mm (80")

Tractor power

requirement: 30hp minimum



Includes 2mm tungsten tipped 'hook' blades reel.

FULL SPECIFICATION AVAILABLE ON www.sisis.com

Also available with 'saw-tooth' blades upon request

MODEL: VEEMO MK2
WITHOUT OIL

COOLER

Code: **FS1255**

Working width: 2000mm (80")

Tractor power

requirement: 30hp minimum



Includes 2mm tungsten tipped 'hook' blades reel.

FULL SPECIFICATION AVAILABLE ON www.sisis.com

Also available with 'saw-tooth' blades upon request

MODEL: VEEMO HD

INCLUDING TWIN OIL COOLERS

Code: FS1287

Working width: 2000mm (80")

Tractor power

requirement: 30hp minimum



Includes 2mm tungsten tipped 'saw tooth' blades

FULL SPECIFICATION AVAILABLE ON www.sisis.com

Pedestrian Aerators

Helping to keep grass in a healthy condition

By the pioneers of aeration techniques.

Ideal for:

Bowls, Croquet, Tennis | Cricket | Golf | Lawns | Local Authority & Contractors



Operator friendly and easy to manoeuvre range of vertical and drum type aerators. These machines are ideal for relieving soil compaction, allowing water and oxygen to the root zone, improving drainage and helping the turf become drought resistant. The interchangeable tines allow for a variety of aeration methods to be

carried out on a regular basis with minimal surface disturbance. Ideal during and out of season.

Unique features:

- Vertical penetration and with drawl with minimal surface disturbance
- 'Easy lift system' for effortless turning and transport
- Selection of interchangeable tines



Dart

MODEL:	DART
Code:	FS1231
Action:	Vertical
Working width:	400mm (16")
Working depth:	100mm (4")
Engine:	Honda GX160

Power unit excludes tines

FULL SPECIFICATION AVAILABLE ON www.sisis.com



Supaturfman

MODEL:	SUPATURFMAN
Code:	FS0637
Action:	Drum
Working width:	400mm (16")
Working depth:	100mm (4")
Engine:	Honda GX160

Power unit excludes tines

FULL SPECIFICATION AVAILABLE ON www.sisis.com

DART TINES

lines" (set of 8 tines)	
100mm solid tine	SETX8-D6728
100mm pencil tine	SETX8-F34257
100mm hollow coring tir	ne
	SETX8-D2107
100mm chisel tine	SETX8-D2109
100 x 10mm hollow tine	SETX8-F36447
Optional Swath Board	FS1117

SUPATURFMAN TINES

Q/R tines* (set of 32 tines)

100mm solid tine	SE1X32-F34682
100mm pencil tine	SETX32-F35079
100mm hollow coring	tine SETX32-F34984
100mm chisel tine	SETX32-F35078
114 x 10mm Jumbo co	oring tine SETX32-F35077

^{*}See page 42 for tine selection

Optional extras



0.9m spiker slitter attachment **FS0312**

Javelin and Javelin Aer-Aid 1500

Aeration with a difference

Ideal for:





The SISIS Javelin and Javelin Aer-Aid machines are specially designed tractor mounted vertical

action aerators for use on both fine and outfield turf.

The machines can be used all year round due to the large selection of tines helping to break up compaction allowing water, air and nutrients to penetrate the root zone. Consistent use helps to produce a surface that is less affected by the adversities of weather conditions leaving minimal disturbance.

uniformly throughout the root zone for complete aeration – not just where the tines have penetrated. The cam trigger mechanism ensures

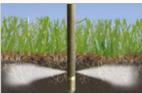
directly into the root zone speeding

up the aeration process, moving air

The Aer-Aid system injects air

that the air is always expelled at the

bottom of the tine penetration enabling treatment to be targeted precisely.



'A breath of fresh air

STRI trials demonstrated the Aer-Aid system:

- Significantly reduces surface and soil compaction
- Increased water infiltration rates
- Manages soil based issues
- Enhances root development
- · Helps to limit turf damage caused by disease when integrated in a management programme



Quick single lever tine depth setting for easy adjustment

Unique features:

- Fast forward speed for excellent productivity
- Quiet in operation
- When working at 75mm (3") spacing air is introduced at a rate of 88 litres (3cu.ft) per minute
- The air injection tines are specially designed to use the maximum air available from the compressor which produces clean, fresh air at a constant rate
- Minimal maintenance required due to bearings fully sealed and no grease nipples in the drive system

MODEL:	JAVELIN AER-AID	
Code:	FS1066	
Action:	Vertical Air Injection	
Working width:	1500mm (60")	
Working depth:	127mm (5")	
Tractor power requirement:	30hp minimum.	

Includes set of 10 air/non-air tines and rear pressure roller FULL SPECIFICATION AVAILABLE ON www.sisis.com

MODEL:	JAVELIN
Code:	FS1256
Action:	Vertical
Working width:	1500mm (60")
Working depth:	127mm (5")
Tractor power requirement:	30hp minimum.

Includes set of 10 air/non-air tines and rear pressure roller FULL SPECIFICATION AVAILABLE ON www.sisis.com

Optional Extras

Special tines* (set of 10 tine	s)	
127 x 10mm 'air tines'		SETX10-F36948
127 x 10mm 'non air tines	,	SETX10-F36949
Optional turf retainers		FS1009
Optional tines* (20 or 30 pe	r set)	
127mm solid tine	set of 20	SETX20-F31730
	set of 30	SETX30-F31730
127x7mm pencil tine	set of 20	SETX20-F33965
	set of 30	SETX30-F33965

127x16mm hollow tine	set of 20	SETX20-F31277
	set of 30	SETX30-F31277
114mm Jumbo hollow tine	set of 20	SETX20-F35967
	set of 30	SETX30-F35967
100x12.5mm hollow tine	set of 20	SETX20-F36447
	set of 30	SETX30-F36447

^{*}See page 42 for tine selection

Multitiners

Helping to restore and maintain playing surfaces all year round

Ideal for:



Simple design with low maintenance, the Multitiners are drum type tractor mounted aerators for use on fine turf surfaces and sports fields and are well suited to performing a range of various aeration methods such as solid, chisel and hollow tining. Fast and effective, these aerators will leave minimal surface disturbance.

Unique features:

- Choice of interchangeable tines for different aeration methods
- · Quick release guard cover
- No 'tools required' quick release tines
- Rear spring loaded pressure rollers to follow undulations (1.2 version only)
- Large rear pressure roller that can be used for extra weight in hard conditions (1.8 version only)
- Tine drums have independent rotation
- 3 point linkage for use on most compact tractors

MODEL: Code:	MULTITINER 1.2 FS0546	MULTITINER 1.8 FS1179
Action:	Drum type	Drum type
Working width:	1200mm (48")	1800mm (72")
Max working depth:	100mm (4")	100mm (4")
Tractor power requirement:	20hp minimum	35hp minimum

Unit includes rollers, but not tines

FULL SPECIFICATION AVAILABLE ON www.sisis.com



MULTITINER 1.2

Optional tines* – set of 96	
100mm solid tine	SETX96-D6728
100mm chisel tine	SETX96-D2109
76mm hollow tine	SETX96-D2048
115mm Jumbo hollow tine	SETX96-F35967

SETX96-D2047

MULTITINER 1.8

67mm pencil tine

Optional tines* – set of 120	
100mm solid tine	SETX120-D6728
100mm chisel tine	SETX120-D2109
76mm hollow tine	SETX120-D2048
115mm Jumbo hollow tine	SETX120-F35967
67mm pencil tine	SETX120-D2047

*See page 42 for tine selection

The Rolaspike is a tractor mounted sarel type roller which is ideal for surface aeration assisting with the absorption of water, air and nutrients into the turf. Also useful as part of an overseeding programme preparing the surface for seed.

Rolaspike (requires single play frame)

Code:	FS1271	FS1169	FS1267
Action:	Sarel Type	Sarel Type	Sarel Type
Working width:	1200mm (48")	1800mm (72")	2400mm (96")
Max working depth:	50mm (2")	50mm (2")	50mm (2")
Tractor Power Requirement:	18hp minimum	18hp minimum	18hp minimum



Optional extras

Single play frame FS0870

FULL SPECIFICATION AVAILABLE ON www.sisis.com

ROLASPIKE UNIQUE FEATURES:

• Can be fitted to the SISIS Singleplay, Twinplay, Tri-play or Quadraplay combination frames for easy attachment to any tractor

Autoslit

Easy to use slitter with minimal surface marking

Ideal for:

22



A purpose built pedestrian deep slitter which is suitable for use on fine or outfield turf helping to reduce compaction and assist the percolation of surface water.

The deep clean slitting action cuts through the turf and the root zone leaving a thin slit on the surface and minimal surface disturbance.

These slits encourage strong, healthy root growth of the grass plants, improving tolerance to drought conditions and promoting more rapid recovery after damage in play.

Easy to use the Autoslit incorporates a rear smoothing roller and uses a cantilever system to lift the machine out of operation.

Unique features:

- Choice of interchangeable slitting tines to suit different ground conditions
- The angle of the tines and spiral design of tine shaft assist penetration giving maximum underground cultivation with minimum surface disturbance
- Tine plates have a wide rim to reduce marking in soft or undulating conditions
- Safety guard is quickly removed for easy tine change
- For ease of use, and to comply with EU lifting regulations, the patented design uses a cantilever system to lift the machine out of work
- Incorporates rear smoothing roller
- Fine turf sharpened tines included as standard



Pivoted smooth rear rollers for ease of movement and a 'finishing touch' to the slitting process



The cantilever system for lifting the machine out of operation



User friendly operator controls

MODEL:	AUTOSLIT
Code:	FS0819
Working width:	900mm (36")
Working depth:	150mm (6")
Engine:	Honda GX160

OPTIONAL TINES*

Optional tines (24 per unit)	
152mm heavy duty/outfield	D7493
152mm sharpened fine turf	D6951

^{*}See page 42 for tine selection

FULL SPECIFICATION AVAILABLE ON www.sisis.com

Tractor Mounted Deep Slitters

Optimum aeration for maximum health

Deep slitting aerators work... with minimal surface disturbance for the ultimate finish.

Ideal for:

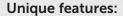


Built to last, a range of tractor mounted deep slitters for both outfield and fine turf.

Different working widths and varying maximum depths allow a model to be selected to suit any tractor and most applications.

These machines are simple in design and low maintenance. Their thin sharp blades cut through the turf and root zone leaving only a slit on the surface but giving deep optimum sub soil disturbance.

Regular slitting encourages strong, healthy root growth of the grass plants, improving tolerance to drought conditions and promoting more rapid recovery after damage in play.



- Choice of interchangeable slitting tines to suit different ground conditions (Multislit versions only)
- The angle of the tines and spiral design of tine shaft assist penetration giving maximum underground cultivation with minimum surface disturbance
- Tine plates have a wide rim to reduce marking in soft or undulating conditions
- Rollers fitted as standard to all models
- Strong shatterproof boron steel tines





MODEL:	MULTISLIT 1200	MULTISLIT 1500	MAXISLIT	MEGASLIT
Code:	FS1233	FS1234	FS0634	FS0717
Working width:	1200mm (1.2m 48")	1500mm (1.5m 60")	1800mm (1.8m 72")	2500mm (2.5m 100")
Working depth:	6" or 8"	6" or 8"	7" or 9"	9" or 12"
Tractor power requirement:	15-25hp	15-25hp	25-35hp	40hp
Includes:	Set of 152mm sharpened fine turf tines + weight tray	Set of 152mm sharpened fine turf tines + weight tray	Set of heavy duty tines* (F34842)	Set of heavy duty tines* (F35602)

MULTISLIT OPTIONAL TINES*

Set of 32 for 1200 Set of 40 for 1500

152mm heavy duty/outfield	D7493
152mm sharpened/fine turf	D6951
203mm sharpened/fine turf	D6998

*See page 42 for tine selection

FULL SPECIFICATION AVAILABLE ON www.sisis.com

Combination Implement Frames

Performance you can rely on

Versatile maintenance equipment trusted by professional groundsmen for a variety of applications.

Ideal for:



IMPLEMENT MOUNTED FRAMES

Single pass maintenance system which accepts a variety of implements for use on both turf and hard porous surfaces. Up to four operations can be carried out simultaneously with this simple and versatile system.



Singleplay frame suitable for 1 implement

MODEL: SINGLEPLAY COMPLETE FRAME

Code: FS0870



Tri-play frame suitable for 3 implements

MODEL: TRI-PLAY COMPLETE FRAME

Code: **FS1236**

FULL SPECIFICATION AVAILABLE ON www.sisis.com

All implements are fully interchangeable and independently adjustable to give the desired effect and can be raised out of use when not required.

Connects to any tractor with 3 point linkage and utility trucks with suitable frame.



Twinplay frame suitable for 2 implements

MODEL: TWINPLAY COMPLETE FRAME

Code: **FS1237**



Quadraplay frame suitable for 4 implements

MODEL: QUADRAPLAY COMPLETE FRAME

Code: **FS0758**

TOWED IMPLEMENT FRAMES

Ideal for towing behind small compact tractors when hydraulic lift is not available. The system can use implements singly or in pairs by using the optional extension arms.



TOWED SINGLE IMPLEMENT FRAME – MANUAL LIFT

Code: **FS1118**

TOWED SINGLE IMPLEMENT FRAME – ELECTRIC LIFT

Code: **FS1238**

TWIN IMPLEMENT EXTENSION ARMS

Code: **FS1123**

For details of implements go to page 28

FULL SPECIFICATION AVAILABLE ON www.sisis.com

Towed implement frame with extension arms suitable for 2 implements

Easy to Attach Combination Implements

IMPLEMENTS	1.2m	1.8m	2.4m	
Deep Slitter	FS1162	n/a	n/a	
Relieves compaction helping to assist in the absorption of water, air and nutrients into the root zone with minimal surface disturbance. Ideal for pre-				
season and end of season maintenance (for towed implement frame only).				
Spiker Slitter	FS0561	FS0764	FS0774	110
Fast method of surface aeration allowing air and water to percolate into the root zone. Ideal for use during the playing season and before fertilizer applications and irrigation.				
Rolaspike	FS1271	FS1169	FS1267	- 1000
Ideal for surface aeration during the playing season allowing water and air into the root zone and integrating fertilizer into the surface. Also useful as part of an overseeding programme.				
	FS0865B	FS0765B	FS0775B	A MANAGE
Straight Brush Used for standing grasses up, removing excess dew, enhancing	F30003B	F30703B	F30773B	
presentation and brushing in dressings. Ideal on natural grass and hard porous areas. *See note below table				Manual Control
Zig Zag Brush	n/a	FS0869B	FS0516B	
Angled brush sections increase the brushing intensity. Ideal for removing dew, standing grasses up, working in top dressing and improving presentation. Ideal on natural grass and hard porous areas.				
*See note below table				STATISTICS.
Flexicomb	FS1163	FS1134	FS1277	FLEXIL
Ideal for standing up grasses and grooming, the easily adjusted crossbar increases or decreases the Flexicombs intensity. *See note below table	1.3m wide			
Intermediate Rake	FS1270	FS0759	FS1268	*
4mm diameter tines. Ideal for regular use on hard porous surfaces, gravel paths and running tracks.				77
Tilth Rake	FS1269	FS0760	FS1266	
5.5mm diameter tines. Ideal for compacted hard porous surfaces, gravel paths and running tracks.				
Spring Tine Grooming Rake	FS1148	FS0761	FS0771	OF CLASS
7mm diameter spring tines for grooming and raking. Ideal for standing grasses up to improve presentation and remove thatch, useful for creating a tilth on worn areas. Also suitable for use on hard porous surfaces. *See note below table				\$ \$ \$ P
Fine Grooming Rake	FS1272	FS1075	FS1076	
5mm diameter spring tines for grooming and raking. Ideal for standing grasses up to improve presentation and remove thatch, useful for creating a tilth on worn areas. Also suitable for use on hard porous surfaces. *See note below table	132272	131073	131070	EE EE 1
Lovelling Lute	n/a	FS0762	FS0772	
Levelling Lute Ideal for levelling and grading hard porous surfaces.	II/d	F30/02	F3U//2	
Roller	FS0863	FS0763	FS0773	
Ideal for light rolling of all surfaces and enhancing presentation. Used on natural grass and hard porous areas.	. 30003	. 507 03	. 30,73	
Grader Plate	n/a	FS1110	FS1109	
Ideal for levelling greyhound tracks or other sand based surfaces leaving a lightly compacted polished finish.		2m wide		

^{*}Suitable for maintenance of synthetic surfaces - please contact SISIS for a copy of the SISIS synthetic product brochure.

Popular Combinations

QUADRAPLAY + SPIKER SLITTER + FINE GROOMING RAKE + ROLLER + BRUSH



Ideal for:

Football, Hockey, Rugby | Cricket

QUADRAPLAY + FINE GROOMING RAKE + INTERMEDIATE RAKE + GRADER PLATE



Ideal for:

Greyhound Race Tracks

TWINPLAY + ZIG ZAG BRUSH + BRUSH



Ideal for:

Football, Rugby | Golf

TWINPLAY + SPIKER SLITTER + BRUSH



Ideal for:

Football, Rugby | Golf

SINGLEPLAY + SPIKER SLITTER



Ideal for:

Golf

Variseeder 1300

High build quality, efficient output with low maintenance

Ideal for:



Standard cat 1, 3 point linkage for easy fitting to any tractor

A compact and versatile tractor mounted overseeder ideal for renovation and repair work.

The studded roller prepares the seedbed by creating thousands of little "plant pots" to receive the seed without linear grooves that can disturb play. Variable seed rates and options on discharge rollers allow different seed varieties to be introduced to the sward.

Unique features:

- Seeding rate is variable and is simple and accurate to set by Zero max box
- Fast work rate
- Overseeding carried out without taking ground out of play
- Studded roller creates seed bed
- Low maintenance with few wearing parts
- · Integral weight bar
- Standard cat.1, 3 point linkage for easy fitting to any tractor
- Can be adapted for use with most common power units for golf and sports ground work



Zero Max Box for variable seed rates



Studded roller for minimal surface disturbance and creating the seedbed 'plant pots'



Transport trolley – storage trolley for ease of movement in the shed/workshop



Grooved discharge roller – two discharge roller options for pure bent, rye grass/fescue

MODEL:	VARISEEDER 1300		
Code:	FS1056	FS1245	
Complete with:	Standard discharge roller	Ultra fine discharge roller	
Working width:	1300mm (52")	1300mm (52")	

FULL SPECIFICATION AVAILABLE ON www.sisis.com

Optional Extras

Ultra fine discharge roller (for pure bent seed only)
Code: FS1059

Standard discharge roller (for rye grass/fescue)Code: FS1057

Tractor Mounted Sweepers

Enhance the aesthetic presentation of your pitch

Sweepers specially designed for large areas.

Ideal for:



Collection and removal of surface debris is an important part of any maintenance programme. Whether it is following scarifying or core aeration or simply collecting leaves or litter, the process must be carried out without damaging the turf.

Ideal for fine or outfield turf the SISIS range of easily adjustable tractor sweepers have spiral designed brushes that drive the debris into large capacity hoppers whilst following ground contours.

Unique features:

- Collects wide range of debris including leaves, pine needles, grass, thatch, cores, litter
- Spiral design brush for effective collection
- Ideally suited to follow ground contours
- "No tools" required simple brush adjustment
- Galvanised collection hopper for long life
- Large capacity hopper
- Standard cat 1.3 point linkage for simple connection



Detail of brush



Litamina (showing tip feature)

MODEL:	LITAMINA 1200	LITAMINA 1500	LITAMISA 1800
Code:	FS1070	FS1047	FS0428
Working width:	1200mm (48")	1500mm (60")	1800mm (72")
Empty method:	Hydraulic Tip	Hydraulic Tip	Hydraulic Tip
Min Tractor Requirement:	25hp	30hp	40hp

FULL SPECIFICATION AVAILABLE ON www.sisis.com

Tractor Mounted Brushes

Delivering an outstanding finish

Ideal for:



A range of tractor mounted brushes designed for fast effective brushing on large areas such as golf fairways and sports grounds. Ideal for brushing in top dressings, dew dispersal, striping for improved presentation and lifting grasses prior to cutting.

The brush sections on the Flexibrush model float to follow ground contours with the outer sections folding

hydraulically for ease of transport and storage.

The Varibrush model has a multiple brushing action to allow maintenance to be completed with fewer passes therefore reducing compaction.

A choice of three mounting options are available for the Varibrush ensuring it can be used on a variety of vehicles.

Flexibrush unique features:

- Brush sections float to follow ground contours
- Outer sections fold for transport and storage
- Supplied with stand and castors for easy movement when storing
- 3 point linkage

MODEL:	FLEXIBRUSH
Code:	FS1033
Working width:	5350mm (214")
Min Tractor requirement:	18hp

FULL SPECIFICATION AVAILABLE ON www.sisis.com





Varibrush



Adjustable wheels (Varibrush)

Varibrush unique features:

- Brush frame is reversible to allow brush wear
- Adjustable drawbar for towing height and length
- Easy to handle and attach
- Multiple action means fewer passes and therefore reduced compaction

MODEL:		VARIBRUSH
Options		Code
With 3 point linkage mour	nting frame	FS1029B
With manual lift towing fra	me & ball hitch	FS1024B
With electric lift towing fra	me & ball hitch	FS1027B
Units are complete with w	heels	
Working width:	1850mm (74")	
Min Tractor requirement:	18hp mounted	– 12hp towed

FULL SPECIFICATION AVAILABLE ON www.sisis.com

Flexi400

Fast and effective coverage of golf fairways and sports grounds

Ideal for:

Football, Hockey, Rugby | Cricket | Golf | Local Authority & Contractors

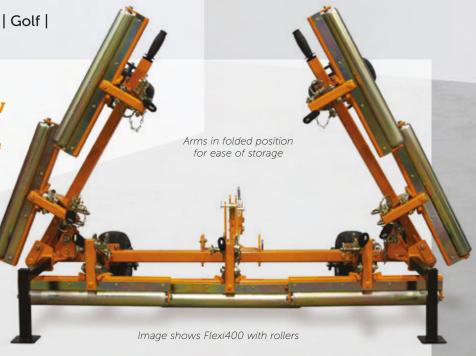
An interchangeable unit which has been specifically designed for fast and effective coverage on large areas such as golf fairways and sports grounds.

The unit has seven fully floating heads which allows it to follow ground contours.

Fitted with either roller or brush heads, it is ideal for the removal of dew, striping for improved presentation, lifting grasses prior to cutting, or brushing in top dressings.

Unique features:

- Fast and effective ground coverage
- Easy to handle and attach
- Seven floating heads
- Easy to store and transport
- Attachable by either 50mm ball hitch or clevis pin





Attached and ready for action

MODEL:	FLEXI400
Code:	FS1273
Description:	Towed unit with rollers
Working width:	4000mm (158")
Power unit requirement:	15hp minimum

FULL SPECIFICATION AVAILABLE ON www.sisis.com

O 1! 1	Tarabara a
()htional	- VTrac
Optional	

Brush heads 800230



Optional brush head

Powaspred

Ideal for:

Football, Hockey, Rugby | Cricket | Golf | Local Authority & Contractors

The Powaspred will spread most free flowing materials including sand, loam, rock salt, rubber crumb and hard porous dressings at the desired rate with an even consistent spread.

Unique features:

- Infinitely variable spreading rates
- Oscillating base plate to reduce bridging
- Rotating brush at point of discharge to ensure even spread
- 4 tyres on a twin axle to avoid marking and to spread load on fine turf





S0780
.200mm (48")
5hp minimum

FULL SPECIFICATION AVAILABLE ON www.sisis.com

Close up of the rotating brush and oscillating plate

Hand Tools:

Pedestrian Spreader & Top Dresser

Truspred

Ideal for:

Bowls, Croquet, Tennis | Cricket | Golf | Lawns





Ideal for rubbing in dressings and routine surface renovation.

MODEL:HAND PULLEDHAND PULLED/TOWEDTOWEDCode:FS1036FS1242FS1037

Working width: 1.35m wide x 1.2m 1.8m wide x 1.2m 2.7m wide x 1.2m

FULL SPECIFICATION AVAILABLE ON www.sisis.com

Trulute

Reversible levelling grid with different profiles for use on turf, shale and gravel surfaces. One side has smooth edges for spreading top dressing and levelling whilst the other side has sharp edges for working in top dressings and levelling back high spots. Folding handle for ease of transportation and storage.

MODEL: TRULUTE

Code: FS0302

Working width: 600mm (24")

FULL SPECIFICATION AVAILABLE ON www.sisis.com

*Please note a carriage charge will be applied to hand tool equipment

Aerdrain Fork

Simple but effective aeration fork with interchangeable tines for year round use.



MODEL:

AERDRAIN FORK

(LESS TINES)

96MM LONG PENCIL TINES

(SET OF 5)

127MM LONG HOLLOW TINES

(SET OF 3)

Code:

FS1144

SETX5-D1534

SETX3-D1535

FULL SPECIFICATION AVAILABLE ON www.sisis.com



Trulevel Roller

Ideal bowling green roller which can be pulled or pushed with ease to firm the soil without compaction. Overriding action on slight hollows allows areas to be firmly rolled whilst low areas are left so that the playing surface is progressively levelled. Outer rollers can be raised concentrating the weight on the centre roller if desired.

MODEL:

TRULEVEL

(120KG ROLLER)

WEIGHTS (SET OF 2)

ADDITIONAL

Code:

FS0801

FS1257

Working width: 900mm (36")

FULL SPECIFICATION AVAILABLE ON www.sisis.com

Bray Hand Tools

Ideal for overseeding and aerating small areas on bowling greens, tennis courts, golf greens, tees and ornamental lawns.

- Interchangeable reels between slotter and spiker
- Encourages rapid germination and stronger growth
- No loss of play and no top dressing required.

MODEL: HAND SLOTTER		ADDITIONAL SLOTTER REEL	HAND SPIKER	ADDITIONAL SPIKER REEL
Code:	BS002	BS005	BS004	BS003
Working width:	250mm (10")	250mm (10")	250mm (10")	250mm (10")

FULL SPECIFICATION AVAILABLE ON www.sisis.com

Ferret

Ideal tool for roughing up small bare areas such as foot holes on a cricket square where ongoing repairs are required throughout the year.

The tool incorporates an offset star wheel to create a tilth.

Folding handle for ease of transportation and storage.



MODEL: FERRET Code: FS0826

Working width: 250mm (10")

FULL SPECIFICATION AVAILABLE ON www.sisis.com

Dragbrush

Heavy duty dragbrush for brushing in top dressing, removal of dew and for brushing and levelling hard porous areas.



MODEL:	DRAGBRUSH						
Code:	FS1166	FS1248					
Working width:	1800mm	2400mm					
	(1.8m/72")	(2.4m/96")					

FULL SPECIFICATION AVAILABLE ON www.sisis.com

Combirake

Simple to use combined rake and brush for use on small turf areas. Downward pressure is applied by gentle pressure on the handles. Folding handle for ease of transportation and storage.

MODEL: COMBIRAKE
Code: FS0932
Working width: 690mm (28") rake
910mm (36") brush

FULL SPECIFICATION AVAILABLE ON www.sisis.com



Choosing the correct tine – a basic guide

	When to use:	SISIS Products:	Max Depth	External Dia	
Pencil					
\Diamond	Ideal for use on fine turf during the	Dart	100mm	7mm	
	playing season. Will help to relieve	Supaturfman	100mm	7mm	
	compaction with minimal surface disruption.	Javelin Aer-Aid	127mm	7mm	
	disruption.	Javelin	127mm	7mm	
6		Multitiner 1.2	67mm	7mm	
		Multitiner 1.8	67mm	7mm	
		Aerdrain Fork	96mm	7mm	
Solid					
\Diamond	A good, general purpose tine	Dart	100mm	12.5mm	
	suitable for fine turf & outfield use.	Supaturfman	100mm	12.5mm	
	Can be used throughout the year and is popular for use during spring	Javelin Aer-Aid	127mm	12.5mm	
	& autumn renovations.	Javelin	127mm	12.5mm	
		Multitiner 1.2	100mm	12.5mm	
		Multitiner 1.8	100mm	12.5mm	
		Javelin Aer-Aid 'Air Tines'	127mm	10mm	
		Javelin Aer-Aid 'Non Air Tines'	127mm	10mm	
Hollow					
^	Used in the spring and autumn for	Dart	100mm	16mm	
	compaction relief & soil exchange	Dart	100mm	10mm	
	on fine turf.	Supaturfman	100mm	16mm	
		Javelin Aer-Aid	127mm	16mm	
O.L.		Javelin Aer-Aid	100mm	12.5mm	
		Javelin	127mm	16mm	
		Javelin	100mm	12.5mm	
		Multitiner 1.2	76mm	16mm	
		Multitiner 1.8	76mm	16mm	
		Aerdrain Fork	127mm	15mm	
Jumbo Hollow					
	Used in the spring and autumn for	Supaturfman	114mm	22mm	
\nearrow	compaction relief & high volume	Javelin Aer-Aid	114mm	22mm	
///	soil exchange on fine turf.	Javelin	114mm	22mm	
		Multitiner 1.2	115mm	22mm	
V		Multitiner 1.8	115mm	22mm	
Chisel					
	Mainly used throughout the winter	Dart	100mm	N/A	
	months on fine turf. Provides a slit	Supaturfman	100mm	N/A	
	with a large wall area. Encourages deeper rooting.	Multitiner 1.2	100mm	N/A	
6	acoper rooting.	Multitiner 1.8	100mm	N/A	
Slit					
	Generally used autumn, winter	Autoslit	152mm	N/A	
	and spring on fine turf. Unique	Multislit	152mm/203mm	N/A	
	design gives maximum underground aeration with minimal surface	Maxislit	228mm	N/A	
	disruption. Heavy duty slitting tines are used on all types of outfield. Used autumn, winter and spring.	Megaslit	300mm	N/A	

This information is intended for guidance purposes only. We recommend that you discuss your specific requirements with our head office, Sales Managers or your local SISIS Dealer. No responsibility is accepted by SISIS for incorrect use.

Helping you specify your SISIS Equipment

Арұ	olications	Pedestrian Scarifiers	Tractor Mounted Scarifiers	Pedestrian Aerators	Tractor Mounted Aerators	Pedestrian Slitters	Tractor Mounted Slitters	Combination Frames	Tractor Mounted Seeder	Tractor Mounted Sweeper	Tractor Mounted Brushes	Towed Roller	Tractor Mounted Top Dresser & Spreader	Truspred	Hand Tools
Bowls, C	Croquet, Tennis	-	Tennis only (TM1000)	•		•								-	•
Football,	Hockey, Rugby				-	-						-			٠
	- Wicket			·							Varibrush only				٠
Cricket	- Square	•	TM1000 only	•	•						•	•	•	•	•
	- Outfield		÷		٠		•	٠	٠	٠	٠	٠	٠	٠	
	- Tees	•		•	٠		Multislit/ Maxislit only		٠		Varibrush only	•		•	٠
Golf	- Greens	•	TM1000 only		•	•	•				٠		•		•
	- Fairways				•		•						•	•	
	Lawns	•	TM1000 only	•		•				•				•	
Loca Co	al Authority, ontractors	٠	•	٠		٠	٠	٠	٠	٠	٠		٠	٠	-

This information is intended for guidance purposes only. We recommend that you discuss your specific requirement with our head office, Sales Managers or your local SISIS dealer. This guide is subject to machine specification change. At SISIS we are always seeking to improve our products. For the latest information on vibration and noise emissions please visit **www.sisis.com** and view the product manuals in the customer service section.

Gaining knowledge from the experts

The Dennis and SISIS education seminars are popular events hosted at clubs and facilities across the UK and overseas. Attending delegates receive a wealth of practical and theoretical insight from our carefully chosen expert speakers and the seminars represent a unique opportunity to share knowledge, experience and best practice.

Seminar programs focus on specific sports surfaces. A wide range of topics are covered including machinery maintenance, fertilizers, top dressing, seeds and disease. The Q&A sessions at the end of the day gives everyone an opportunity to ask their questions.



"You are never too old and never too experienced to learn something new, there are always new techniques to discover. That could be through the practical demonstrations, through the talks or even by chatting to your fellow grounds staff because you find that you really do learn from one another. An event like this is a fantastic way to develop those networks and get to know other people who are having the same issues as you."

Alex Vickers – Turf Consultant

Contact Marketing on 01332 824777 for details of our next series of seminars

"90 years of experience have taught us many things – including that you don't get to be the best overnight.

Like the world class sportsmen who play on SISIS maintained pitches demonstrate, it takes skill, dedication and a willingness to learn to reach and stay at the top of the game."



A helping hand from Team SISIS



Access to all the information you need



The SISIS website is a constantly evolving source of useful and practical information for SISIS users. You can watch videos of machines

in action, learn valuable tips about turf maintenance and download operating manuals on all SISIS products at your convenience – any time, any day.











Experience our excellent network of dealers



The dealerships that represent SISIS products are carefully selected to ensure customers receive first class professional support including

machine service, spare parts, technical support and product demonstrations. Whatever you need, our dealers will always be there to help.

Next day spare parts

At SISIS we understand the importance of reducing machine downtime so we carry a vast stock of spare parts, all of which can be dispatched next day delivery through our specialist dealer network.

In addition, our online resource of operator manuals now makes it even easier to identify the correct part number.



We keep good company

SISIS supports industry associations through corporate membership, which include:



Asian Golf – www.agif.asia



UK Lawn Care
Association –
www.uklawncare.net



BIGGA – www.bigga.org.uk



FEGGA – www.fegga.org



SAPCA – www.sapca.org.uk



STRI – www.strigroup.com



Grounds Management Association – www.thegma.org.uk



Sportsturf Managers Association – www.stma.org

Warranty

Two year "peace of mind" warranty. For further details call us on +44 (0)1332 824777.



Built with experience

Creating the perfect looking turf is the ultimate aim of every groundsman, greenkeeper and gardener the world over.

Whether in preparation for a prestigious event at a national stadium or a leisurely Sunday afternoon at the local sports club, your turf's appearance is everyone's first impression.

The team at Dennis shares your pride in creating the best. That's why we are so passionate about the products we design, make and test at our Derbyshire factory. Every mower is hand built by experienced engineers, drawing on a long tradition of quality manufacturing and using only the best most reliable materials and components.

To find out more about the Dennis range of products or to request a catalogue telephone +44 (0)1332 824777 or visit www.dennisuk.com.









Expert Surfaces



Built with 90 years experience

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www.dennisuk.com



www.synprobysisis.com

Due to a policy of continual development SISIS reserves the right to change specification without prior notification. All goods sold subject to the company's terms and conditions of sale, copies available on request.

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