

## SISIS

# Welcome to the SISIS Brochure

For 90 years the world's finest grounds staff, 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 the heart of everything we do. State-of-the-art 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.

2023 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.



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### sisis

## Built with 90 years experience

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.













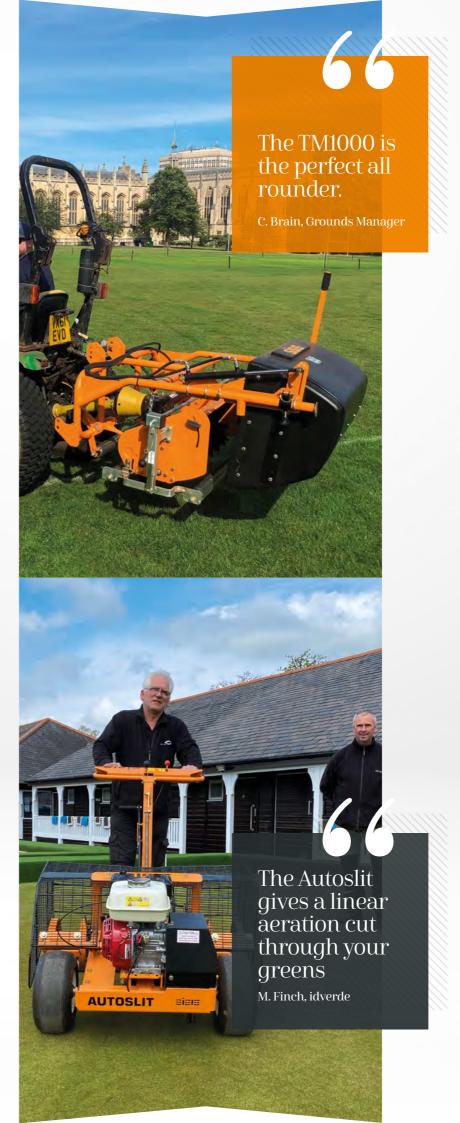
#### Solid Engineering, with a unique feel...

Our reputation for innovation began back in 1932 and has continued

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.





We had a trusty SISIS Auto Rotorake but it was over 25 years old, and it needed replacing.

We didn't even look at anything else. It is a staple piece of equipment for cricket clubs and there is nothing else on the market to challenge it in my opinion.

Vic Demain, Head Groundsman

In a school environment, I need to buy equipment that is versatile and can do different jobs on multiple surfaces, the SISIS TM1000 ticks all the boxes.

Christian Brain, Grounds Manager Cheltenham College

I chose the SISIS Autoslit purely through the research I have been doing...

on different golf courses and other fine turf surfaces – I felt that it would be the best product for this particular site.

Mike Finch, Head Greenkeeper

Its versatility is its best feature. We overseed with the Variseeder three times a year on the greens, overseed on the tees as much as we can, and the surrounds

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.

Simon Marshall, Head Greenkeeper Wishaw Golf Club

### sisis

## SISIS Flexibrush key to fantastic fairways

Worm cast dispersal, dew removal, standing grasses up prior to mowing and excellent presentation – the versatile SISIS Flexibrush is having a positive impact on the fairways at the Herefordshire Golf Club according to Head Greenkeeper Jeremy Browne.

Jeremy has seen many changes in the 31 years he has been at the club, but he believes the arrival of the new owners is proving to be one of the most beneficial.

"The new owners have come in and are really starting to make a difference," he said. "They have invested in the club house which is having a renovation; they are planning on introducing more drainage around the course and they are committed to investing in new equipment."

As an ex-mechanic, Jeremy has always prolonged the life of his greenkeeping equipment by servicing and repairing it himself, however he admitted that the opportunity to get his hands on new machinery was music to his ears.

"I like repairing machinery but all the time I'm doing that, I'm not out on the course," he said. "I was delighted when the owners came to me directly and asked what I needed. I told them that to keep me out on the course, then I needed the most reliable equipment.





With fairways being his first port of call, and with an increasing amount of worm casts appearing, Jeremy narrowed his search down to two possible machines.

"We thought that the SISIS Flexibrush would be the better product for us," he said. "With all the moving brushes it seemed to follow the contours and the undulations on the course a lot better than the alternative."

The SISIS Flexibrush is a tractor mounted brush which is equally effective dispersing top dressing and removing excess material on natural turf or synthetic surfaces. The versatile Flexibrush can also be used for dew dispersal and striping for improved presentation. It has a 5.35 metre working width, its brush sections 'float' to follow ground contours and the outer sections fold for transport and storage.

"Wormcasts was the main issue, obviously they smear when you are cutting and can be a bit of a nuisance," said Jeremy. "With less chemicals now available, we must look at going back to more effective natural ways and the SISIS Flexibrush was the best solution because it can be used for multiple tasks.

"For example, in the winter when we are unable to cut the grass, we can use the Flexibrush to stripe and ensure that the fairways are nicely presented. We have also used the Fleixbrush to stand the grasses up before cutting because it provides us with a better finish; and it is great for knocking

"The size and width of the machine are ideal," continued Jeremy. "We can cover larger areas and it folds up so it can be stored nicely, and you can get through small gaps if needed.

"I wanted something reliable, and I have that in SISIS. The Flexibrush is certainly an important part in our armoury."

For further information or a no obligation demonstration, contact SISIS on 01332 824 777 or visit www.sisis.com

sisis



Gereny Browne. Head Greenkeeper





Maximum thatch control and removal helps to reduce the risk of disease, encourage 'up right' grass growth and a 'true' playing surface.

#### Unique features:

- 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 and minimal surface marking.



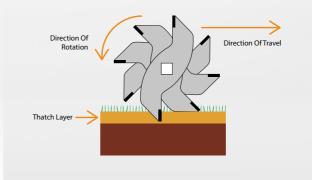




Micro depth adjustment control



Slick tyres and debris removal brush



#### 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.

#### Model: Auto Rotorake MK5 Power Unit

Code	FS1052
Working width	500mm (20")
Engine	GX160 Honda Engine

For details of reels go to Page 11

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Discover the full specification and see the MK5 in action at www.sisis.com

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Pedestrian Scarifier

Rotorake

Easy to use scarifiers for maximum thatch

control and removal

SISIS pedestrian scarifiers use contrarotating reels for a clean consistent performance, perfect for fine turf

Bowls, Croquet, Tennis | Cricket

Golf | Lawns | Local Authority &

Auto

MK5

surfaces.

Ideal for:

Contractors



Rotorake 600HD

600HDX Heavy duty scarifier and linear aerator recommended by professionals

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
- > 600HDX does not incorporate a collection box

Model:	Rotorake 600HD	Rotorake 600HDX
Code:	FS1246	FS1279
Working width:	600mm (24")	600mm (24")
Engine:	Honda GX390	16hp V-twin engine
Working depth:	30mm - with option to go deeper	30mm - with option to go deeper
For details of reels go	o to Page 11.	Sials
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### Rotorake Easy to Change Reels

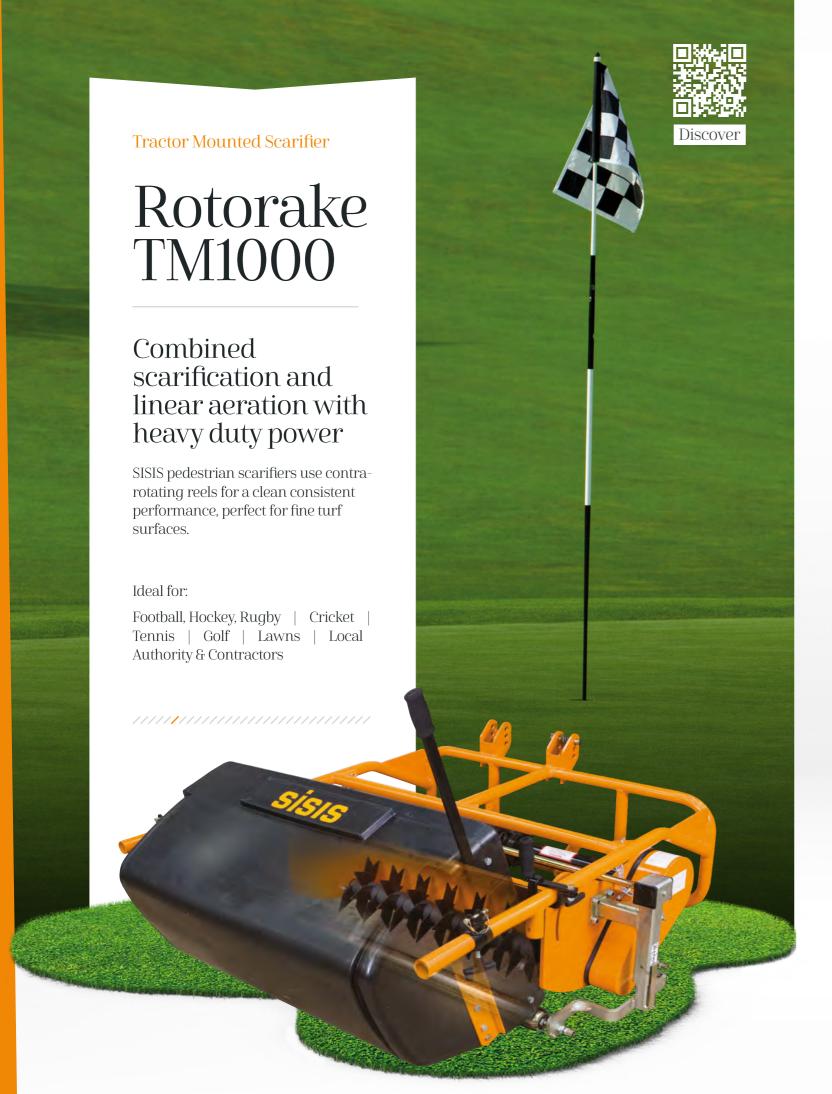
Reels MK5 600HD 600HDX

Reels	CAIM	ОООПО	ОООПДА		
1mm tungsten tipped verticutter reel	FS1098	n/a	n/a	5	- ILILAHAHAHAHA
1mm replaceable, wear resistant tungsten tipped blades (12mm spacing) can be used throughout the season. Can also be used for light scarifying.					Hann
1mm tungsten tipped verticutter reel	n/a	FS1156	FS1156		1111111
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		11.11.414
1.6mm replaceable, wear resistant tungsten tipped blades (20mm spacing). Ideal for pre & post playing season renovation work.					4
2mm scarifying/thatch removal reel	n/a	FS1155	FS1155		La
2mm replaceable, wear resistant tungsten tipped blades (24mm spacing). Ideal for pre & post playing season renovation work.					11/1/11/2
2mm scarifying/saw blade reel	n/a	FS1253	FS1253	<b>5</b>	and the same
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.					ANNING
Thatch control reel	FS1095	n/a	n/a	$\mathbb{A}$	11 12 12
Sharpened offset triangular blades (6mm spacing) used regularly throughout the playing season to control lateral growth and improve green speed.					
Verticutter	FS1200	FS1252	FS1252	A	MANA
Sharpened triangular blades, (12mm spacing) used regularly throughout the playing season to control lateral growth and improve green speed.					
Brush reel	FS1088	FS1157	FS1157	SIGN	A STATE OF THE PARTY OF THE PAR
Used throughout the year for debris collection and clean up. Also used prior to mowing to stand grasses up and improve cut quality.				4.1	White Harris
Multi Dense/Synthetic brush reel	FS1090	FS1275	FS1275	T	
Used throughout the year for debris collection and clean up. Also used prior to mowing to stand grasses up and improve cut quality.				-	The state of the s
Rolaspike/Sarel roller	FS1113	FS1158	FS1158	4.4.41	ntalalahalaan
Provides fast & effective surface aeration. Used during the playing season enables penetration of air, water and fertiliser.				Co.	Hallandhin.
Faze-Mo reel	n/a	FS1159	FS1159		T F F

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, Auto Rotorake MK4** and the **Trio Rotorake** please contact the office on 01332 824777 or your nearest dealership.



A specially designed tractor mounted unit with a choice of five 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.

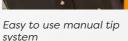
#### Unique features:

- > 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







Large capacity collection box, shown with optional hydraulic tip kit

FS1263

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.

#### Rotorake Easy to Change Reels

#### Reels

	reels		
	1mm light scarifying/verticutting reel	FS1260	belle la li
	1mm replaceable, wear resistant tungsten tipped blades. Can be used throughout the season.		THE STATE OF THE S
	2mm scarifying/thatch removal reel	FS1259	Lelwie II.
	2mm replaceable, wear resistant tungsten tipped blades. Ideal for pre and post playing season renovation work.		1
	3mm scarifying/thatch removal reel	FS1261	-ILILANIA

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





Reels





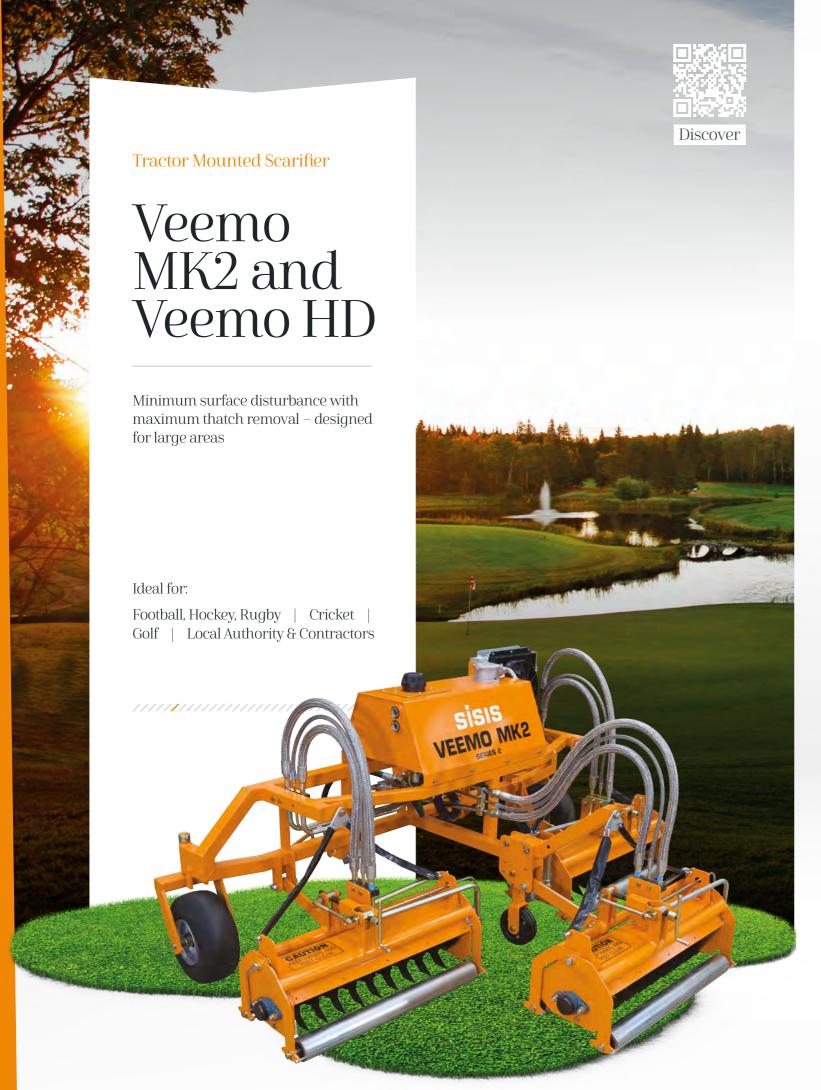


#### Optional extras:

Hydraulic Tipping Kit FS1061

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Discover the full specification and see the TM1000 in action at www.sisis.com



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
- Fifticient 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

Also available with 'saw-tooth' blades

upon request



Micro adjusters for depth setting





Direct Drive to reel shaft via hydraulic motor

Tungsten tipped 'hook' blades for durability

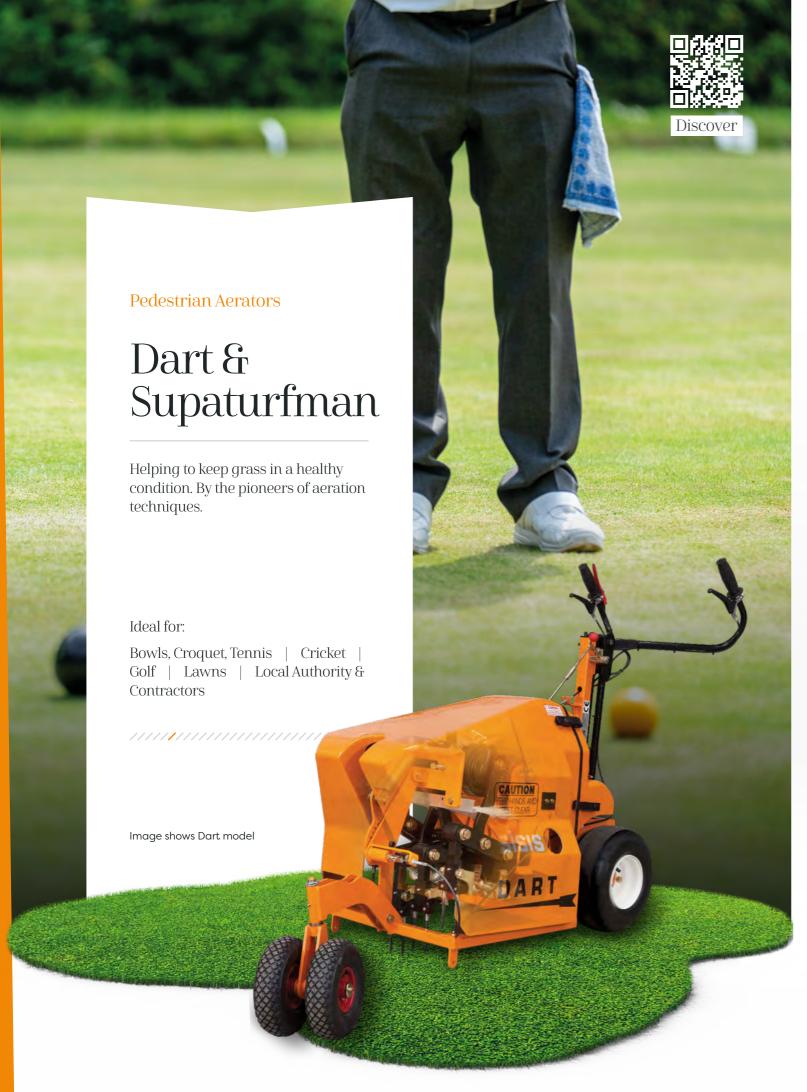
Integral heavy duty Oil cooler

Model:	Veemo MK2 Including Oil Cooler	Model:	Veemo MK2 Without Oil Cooler	Model:	Veemo HD Including Twin Oil Coolers
Code:	FS1014	Code:	FS1255	Code:	FS1287
Working width:	2000mm (80")	Working width:	2000mm (80")	Working width:	2000mm (80")
Tractor power requirement:	30hp minimum	Tractor power requirement:	30hp minimum	Tractor power requirement:	30hp minimum
	Includes 2mm tungsten tipped 'hook' blades reel.		Includes 2mm tungsten tipped 'hook' blades reel.		Includes 2mm tungsten tipped 'saw' blades reel.

Also available with 'saw-tooth' blades

>> Discover the full specifications and see the Veemo & Veemo HD in action at www.sisis.com

upon request



### 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



- Vertical penetration and withdrawl 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

#### Dart Tines

#### Tines\* (set of 8 tines)

100mm solid tine	SETX8-D6728
100mm pencil tine	SETX8-F34257
100mm hollow coring tine	SETX8-D2107
100mm chisel tine	SETX8-D2109
100 x 10mm hollow tine	SETX8-F36447
Optional Swath Board	FS1117



Supaturfman

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

#### \*Power unit excludes tines

#### **Supaturfman Tines**

#### Q/R tines\* (set of 32 tines)

Q710 011100 (000 01 32 01100)		
100mm solid tine	SETX32-F34682	
100mm pencil tine	SETX32-F35079	
100mm hollow coring tine	SETX32-F34984	
100mm chisel tine	SETX32-F35078	
114 x 10mm Jumbo coring ti	ne	
	SETX32-F35077	

<sup>\*</sup>See page 42 for tine selection

#### Optional extras

0.9m spiker slitter attachment FS0312



>> Discover the full specification and see the Dart & Supaturfman in action at www.sisis.com < <

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.

The Aer-Aid system injects air directly into the root zone speeding up the aeration process, moving air uniformly throughout the root zone for complete aeration – not just where the tines have penetrated.

The cam trigger mechanism ensures that the air is always expelled at the bottom of the tine penetration enabling treatment to be targeted precisely.





"A breath of fresh air"

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#### 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

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

#### 

#### Special tines\* (set of 10 tines)

127 x 10mm 'air tines'	SETX10-F36948
127 x 10mm 'non air tines'	SETX10-F36949
Optional turf retainers	FS1009

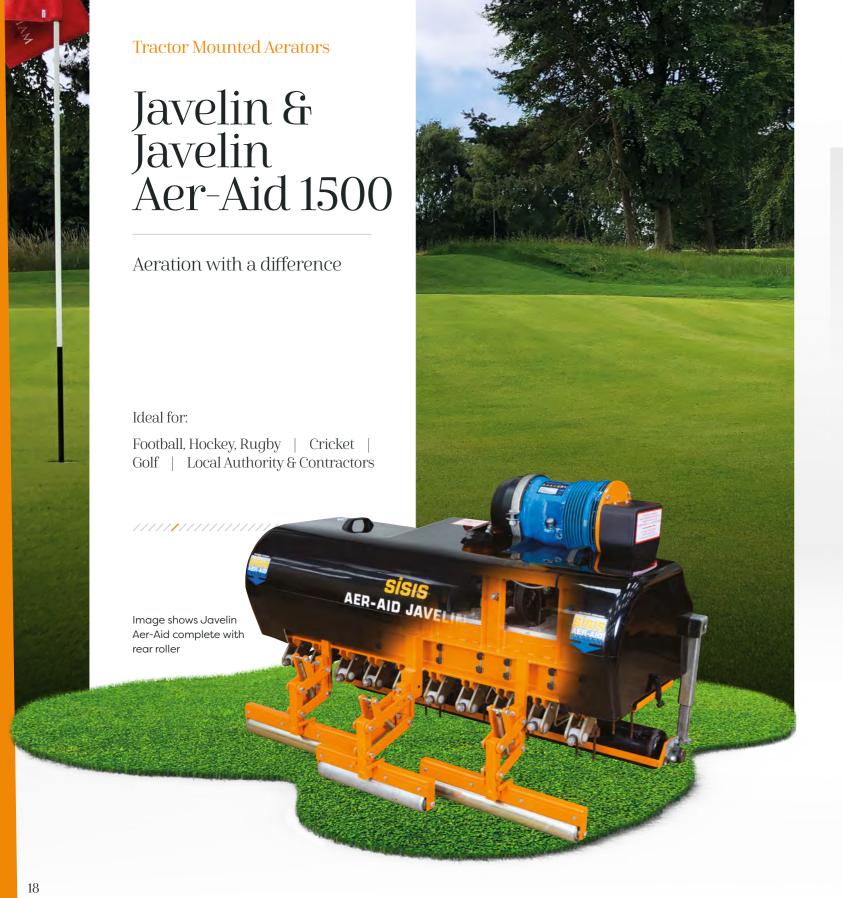
#### Optional tines\* (20 or 30 per set)

127mm solid tine	 SETX20-F31730 SETX30-F31730
127 x 7mm pencil tine	 SETX20-F33965 SETX30-F33965

127 x 16mm hollow tine	000 0. 20	SETX20-F31277 SETX30-F31277
114mm Jumbo hollow tine		SETX20-F35967 SETX30-F35967
100 x 12.5mm hollow tine	000 0. 20	SETX20-F36447 SETX30-F36447

<sup>\*</sup>See page 42 for tine selection

>> Discover the full specifications and see the Javelin & Javelin Aer-Aid in action at www.sisis.com 🕻 🔇





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

- 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:	Multitiner 1.2	Multitiner 1.8	
Code:	FS0546	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



#### 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
67mm pencil tine	SETX96-D2047

#### Multitiner 1.8

#### 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.

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



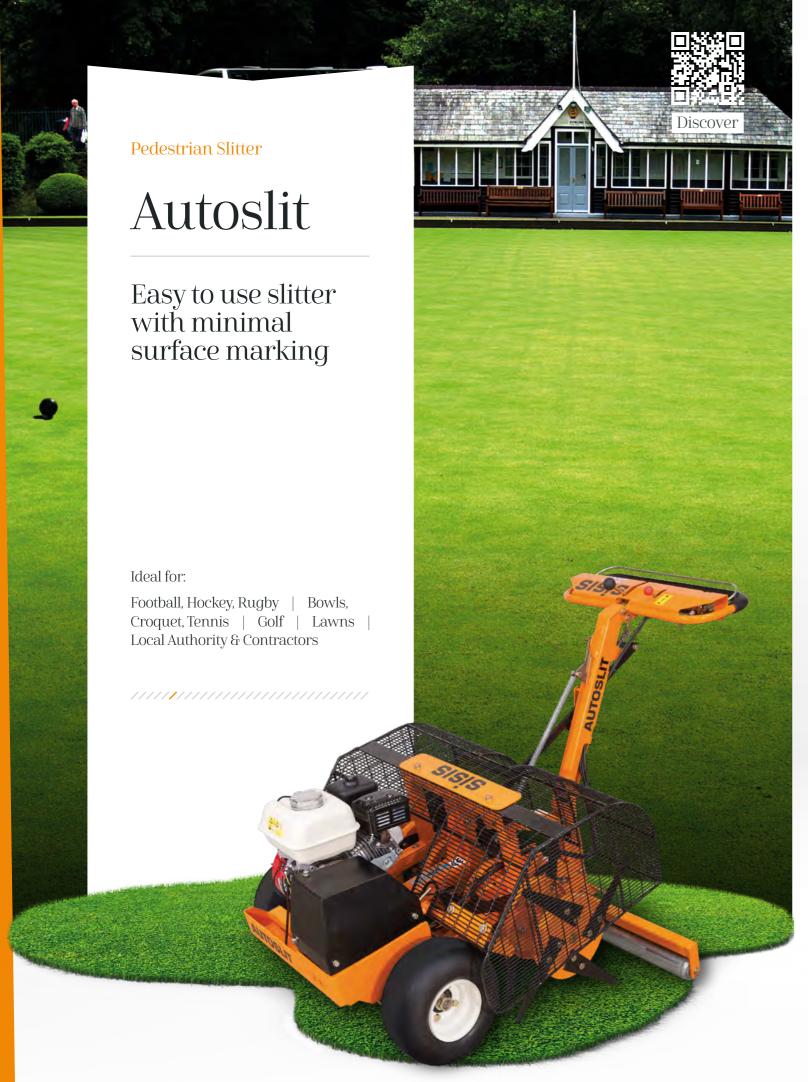
#### Rolaspike (requires single play frame)

Code:	FS12/1	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

Discover the full specifications and see the Multitiners in action at www.sisis.com



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

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



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

#### Optional Tines:\*

#### Optional tines (24 per unit)

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

<sup>\*</sup>See page 42 for tine selection



## 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.

#### Unique features:

- 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



Multislit model



Maxislit model



Megaslit model

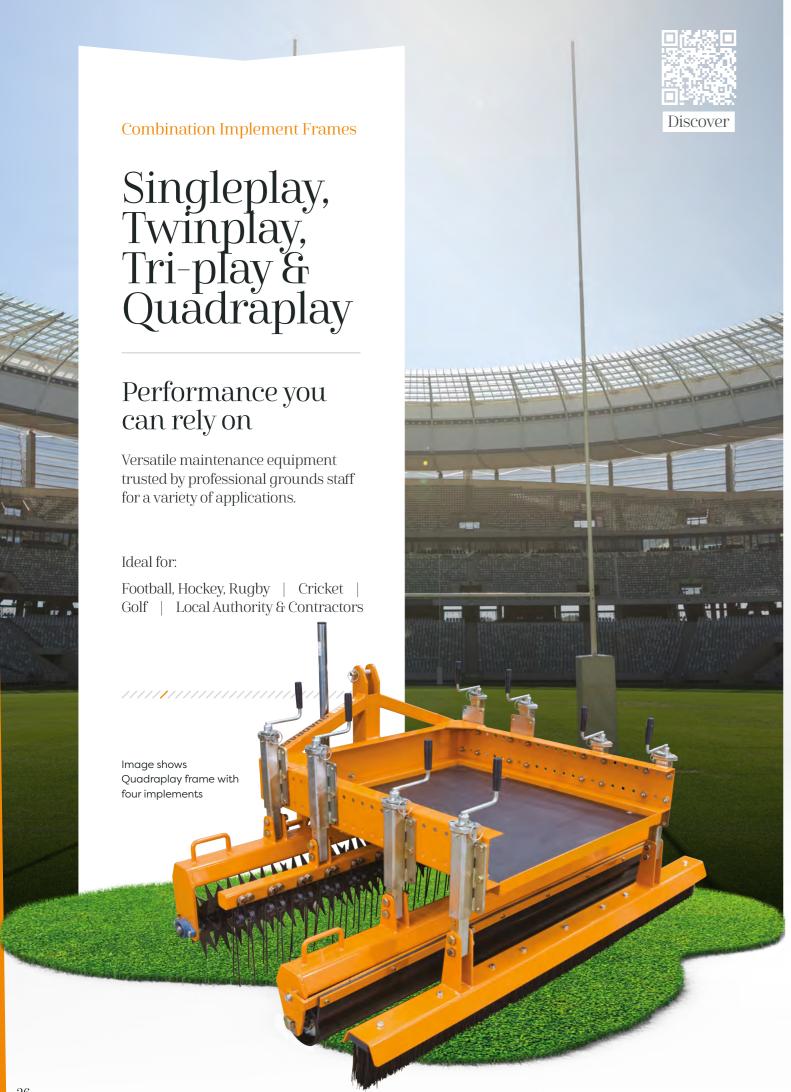
Model:	Multislit 1200	Multislit 1500	Maxislit	Megaslit
Code:	FS1233	FS1234	FS0634	FS0717
Working width:	1200mm (1.2m 48")	1500mm (1.5m 60")	1800mm (1.8m 72")	2500mm (2.5m 100")
Working depth:	6" or 8"	6" or 8"	7" or 9"	9" or 12"
Tractor power requirement:	15-25hp	15-25hp	25-35hp	40hp
Includes:	Set of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

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

<sup>\*</sup>See page 42 for tine selection

>> Discover the full specifications and see the Multislit, Maxislit & Megaslit in action at www.sisis.com <



#### 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



Singleplay frame suitable for 1 implement

Model: Singleplay Complete Frame

FS0870



Tri-play frame suitable for 3 implements

Tri-play Complete Frame

FS1236

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

**Twinplay Complete Frame** 

Code: FS1237



Quadraplay frame suitable for 4 implements

**Quadraplay Complete Frame** 

#### 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



Towed Single Implement Frame - Manual Lift

Code: FS1118

Towed Single Implement Frame - Electric Lift

Code: FS1238

**Twin Implement Extension Arms** 

FS1123 Code:

For details of implements go to Page 28

Towed implement frame with extension arms suitable for 2 implements

>> Discover the full specifications and see the Combination Frames in action at www.sisis.com 🕻 🕻

### 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	The state of the s
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.				
Straight Brush	FS0865B	FS0765B	FS0775B	
Used for standing grasses up, removing excess dew, enhancing presentation and brushing in dressings. Ideal on natural grass and hard porous areas. *See note below table				THE REAL PROPERTY OF THE PARTY
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				
Flexicomb	FS1163	FS1134	FS1277	alsis FLEXI
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	THE PROPERTY OF THE PARTY OF TH
4mm diameter tines. Ideal for regular use on hard porous surfaces, gravel paths and running tracks.				
Tilth Rake	FS1269	FS0760	FS1266	
5.5mm diameter tines. Ideal for compacted hard porous surfaces, gravel paths and running tracks.				1 Dilling
Spring Tine Grooming Rake	FS1148	FS0761	FS0771	
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				
Fine Grooming Rake	FS1272	FS1075	FS1076	- 14 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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				
Levelling Lute	n/a	FS0762	FS0772	No.
Ideal for levelling and grading hard porous surfaces.				
Roller	FS0863	FS0763	FS0773	
Ideal for light rolling of all surfaces and enhancing presentation. Used on natural grass and hard porous areas.				
Grader Plate	n/a	FS1110	FS1109	
Ideal for levelling greyhound tracks or other sand based surfaces leaving a lightly compacted polished finish.		2m wide		

### 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





Ideal for: Football, Rugby | Golf



Singleplay + Spiker Slitter Ideal for: Golf

>> Discover the full specifications and see the Combination Frames in action at www.sisis.com



#### 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



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

Model:	Variseeder 1300		
Code:	FS1056	F\$1245	
Complete with:	Standard discharge roller	Ultra fine discharge roller	

1300mm (52")

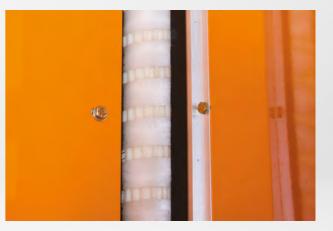
Working width: 1300mm (52")



Zero Max Box for variable seed rates



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



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

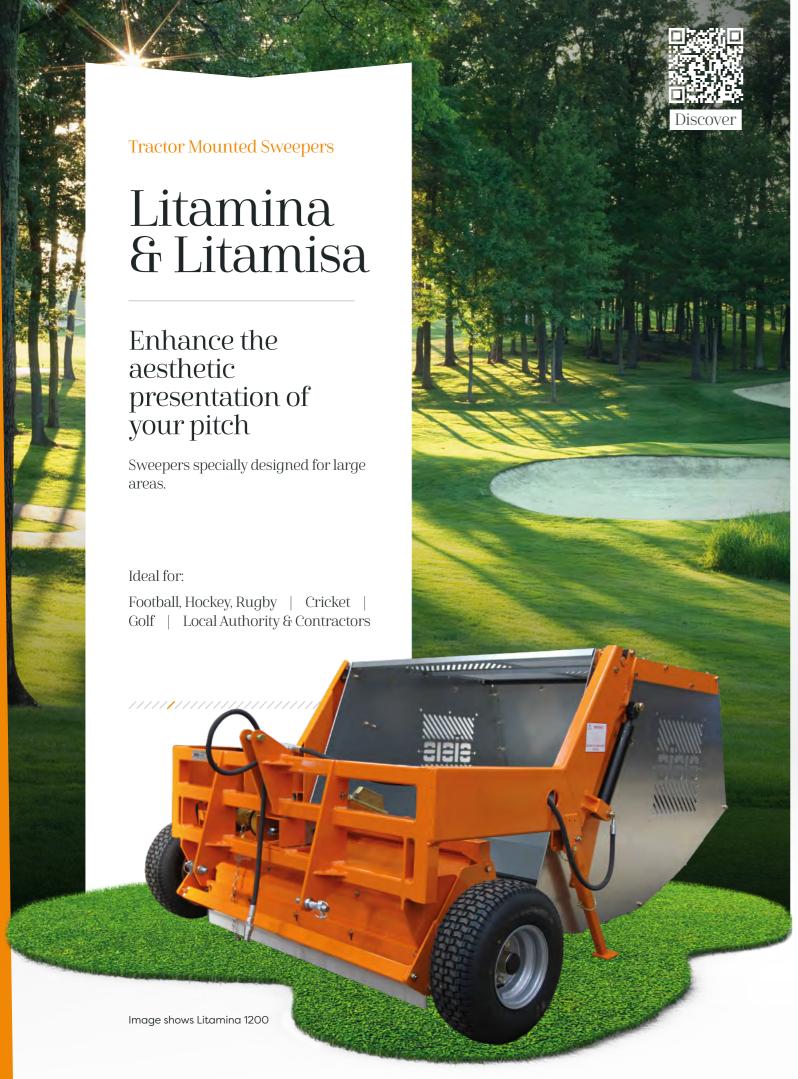
#### Optional extras:

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

Standard discharge roller (for rye grass/fescue)

>>>>

Discover the full specifications and see the Variseeder in action at www.sisis.com



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

>> Discover the full specifications and see the Mounted Sweepers in action at www.sisis.com < <



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







#### 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 mounting frame	FS1029B
With manual lift towing frame & ball hitch	FS1024B
With electric lift towing frame & ball hitch	FS1027B
Units are complete with wheels	

Working width:	1850mm (74")
Min Tractor requirement:	18hp mounted - 12hp towed

>> Discover the full specifications and see the Mounted Brushes in action at www.sisis.com 🔾 🔇

sis.com

Towed Interchangeable Roller or Brush Unit

## Flexi400

#### Fast and effective coverage of golf fairways and sports grounds

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

Model:	Flexi400
Code:	FS1273
Description:	Towed unit with rollers
Working width:	4000mm (158")
Power unit requirement:	15hp minimum



Tractor Mounted Spreader & Top Dresser

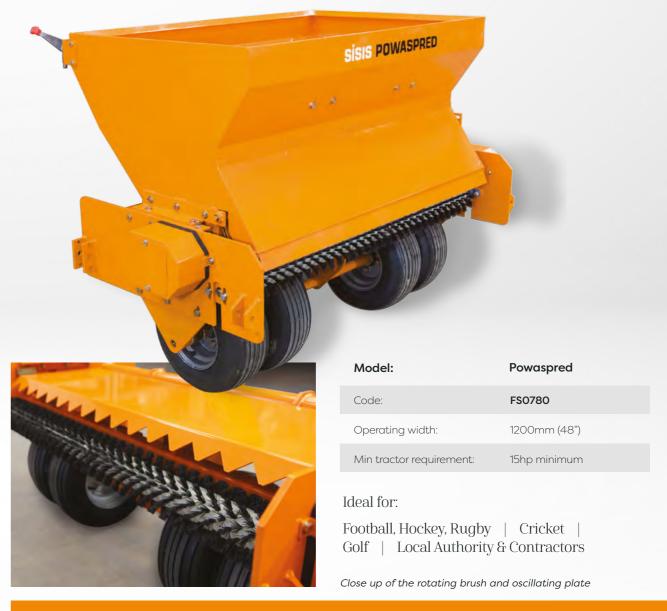
## Powaspred



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
- > 4 tyres on a twin axle to avoid marking and to spread load on fine turf



## Hand Tools



Image shows Truspred

Pedestrian Spreader & Top Dresser

## Truspred

A versatile hand operated spreader and top dresser for the accurate even application of grass seed or top dressing material.

Particularly useful for applying top dressing to small areas such as cricket squares, bowling greens, golf greens and tees and lawns.

#### Unique features:

- > Simple to set spreading rates
- > Ribbed rubber conveyor belt for accurate placement
- Carrier wheels permit spread right to the edge of bowling greens

Model:

Truspred

900mm (36")

FS1174 Code:

Working width:

Ideal for:

Bowls, Croquet, Tennis | Cricket

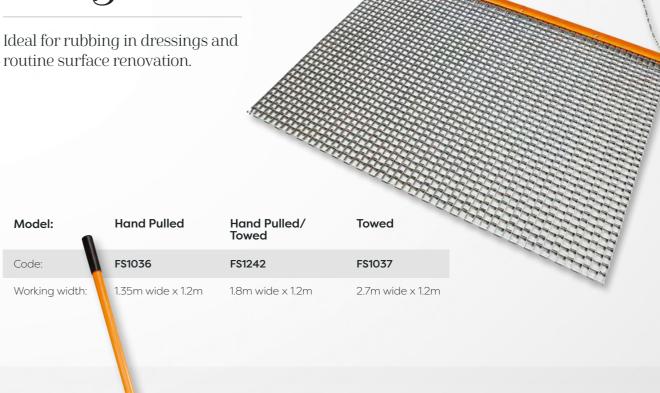
Golf | Lawns

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

Discover the full specification and see the Truspred in action at www.sisis.com

Dragmats

Ideal for rubbing in dressings and





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")

\*Please note a carriage charge will be applied to

Discover the full specifications and see the hand tools in action at www.sisis.com

## Aerdrain Fork

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

Model: Aerdrain Fork (Less Tines)

Code:

FS1144

SETX5-D1534

96mm Long 127mm Long Pencil Tines Hollow Tines (Set Of 5) (Set Of 3)

SETX3-D1535



## 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)	Additional Weights (Set Of 2)
Code:	FS0801	F\$1257
Working width:	900mm (36")	



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")

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

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	
- 1	F00000	

Working width: 250mm (10")

## 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 (1.8m/72")	2400mm (2.4m/96")

## 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					



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

>>>>

Discover the full specifications and see the hand tools in action at www.sisis.com

## Choosing the correct tine – a basic guide

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

Appl	ications	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/ Tennis	Croquet/	•	Tennis only (TM1000)	•		•				•				•	•
Footbo Hockey	ıll/ ı/Rugby					•	•	٠	٠			•			٠
Cricket	- Wicket	٠		٠				÷		٠	Varibrush only			٠	
	- Square	•	TM1000 only	•					٠	•		•		•	
	- Outfield		•		-		•	•	-	-	-	•	•	•	
Golf	- Tees	•		٠	٠	•	Multislit/ Maxislit only		٠	•	Varibrush only	•			
	- Greens		TM1000 only		٠		•		٠		٠		•		•
	- Fairways		•		٠				٠		٠		•		
Lawns		•	TM1000 only	•		•				•				•	
Local A Contra	authority/ ctors	•	•	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.

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## 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



"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

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

For more news, reviews, videos and insightful views, follow us on...







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## 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.



We keep good company SISIS supports industry associations through corporate membership, which include:





















## Built with experience

Creating the perfect looking turf is the ultimate aim of all grounds staff, greenkeepers and gardeners 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.





















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