

sisis®

A Masterpiece
in BRITISH ENGINEERING



Expert Surfaces

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A Masterpiece in BRITISH ENGINEERING

For over 80 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 experienced engineers.

We continue to invest in state-of-the-art facilities at the Derby factory. This includes design and development, high productivity machinery, training facilities for staff and customers, the latest systems of production control with the proven know-how to ensure quality and the highest standards of service are achieved that define the SISIS difference.

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.

Welcome to our catalogue. 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 to give one a try.

Ian Howard – Managing Director



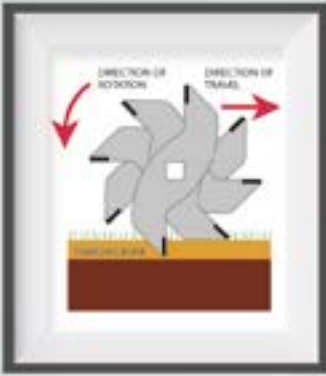
Admired for innovation the WORLD OVER

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.



RFU Head Groundsman recommends SISIS

"SISIS equipment is a great option for any rugby club looking to improve and keep their playing surfaces playable all season long."

*Keith Kent, Head Groundsman,
RFU Twickenham*



Keith Kent is a respected authority as one of the rugby world's top groundsmen. He is responsible for Twickenham's world-renowned surface, and also for advising grassroots groundsmen across England as part of the RFU Pitch Improvement Programme.

Keith's years of know-how and experience mean he's perfectly placed to advise clubs at every level on how to achieve an improved playing service all season long – a surface that leads to more enjoyment for players and crowds, fewer postponements and an attractive return on investment.

As part of this initiative to improve pitch standards we're delighted Keith is recommending the SISIS Quadraplay and SISIS Multitiner to RFU rugby clubs. This brochure will introduce even more great reasons for selecting SISIS to improve the quality of your playing surface.

"With the ability to use 4 implements at any one time the Quadraplay allows a club to carry out a number of key maintenance tasks on their pitch. A must for all clubs looking to improve the playing surface of their pitch going forward."

Keith Kent – Head Groundsman – RFU Twickenham



"I was amazed at just how good a job the Multitiner did when I first saw it. If clubs can keep their pitches aerated using this machine on a regular basis then their pitches will improve and help to keep the surface playable all season long."

Keith Kent – Head Groundsman – RFU Twickenham

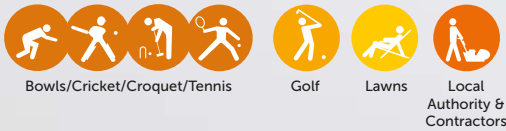


Pedestrian Scarifier

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.



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.

Unique features:

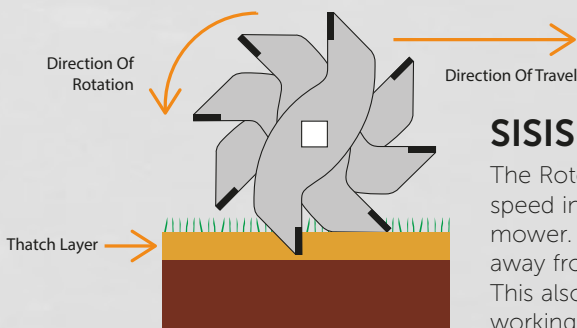
- Contra rotating reels with specially designed tipped blades for a clean consistent performance
- Quick change reels for thatch control and removal all year round and other essential maintenance tasks
- User friendly operator presence controls designed for maximum operator safety
- Micro depth adjustment 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.



MODEL:	AUTO ROTORAKE MK5 POWER UNIT
Code:	FS1052
Working width:	500mm (20")
Engine:	GX160 Honda Engine

For details of reels go to Page 11.

FULL SPECIFICATION AVAILABLE ON www.sisis.com



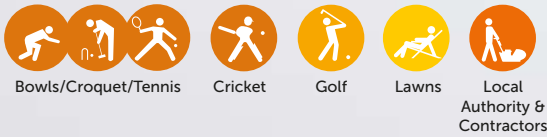
SISIS Contra – Rotation Principle:

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.

Pedestrian Scarifier

Rotorake 600HD

Heavy duty scarifier and linear aerator recommended by professionals



MODEL: ROTORAKE 600HD

Code: FS1246

Working width: 600mm (24")

Engine: Honda GX390

Working depth: 30mm – with option to go deeper

For details of reels go to Page 11.

FULL SPECIFICATION AVAILABLE ON www.sisis.com

This heavy duty scarifier is equally at home when used for regular routine use at a shallow setting or a deeper setting when required. Also contributes to aeration and compaction relief by cutting clean, continuous slits to assist water and air absorption.

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 and reel



Rotorake Easy to Change Reels

Reels	MK5	600HD		
1mm light scarifying reel 1mm replaceable, wear resistant tungsten tipped blades (12mm spacing) can be used throughout the season.	FS1098	n/a		
1mm light scarifying reel 1mm replaceable, wear resistant tungsten tipped blades (12mm spacing) can be used throughout the season.	n/a	FS1156		
1.6mm scarifying/thatch removal reel 1.6mm replaceable, wear resistant tungsten tipped blades (20mm spacing). Ideal for pre & post playing season renovation work.	FS1093	n/a		
2mm scarifying/thatch removal reel 2mm replaceable, wear resistant tungsten tipped blades (24mm spacing). Ideal for pre & post playing season renovation work.	n/a	FS1155		
2mm scarifying/saw blade reel 2mm replaceable, wear resistant tungsten tipped saw blades (24mm spacing). Ideal for pre & post playing season renovation work.	n/a	FS1253		
Verticutter/thatch control reel Sharpened offset triangular blades (6mm spacing) used regularly throughout the playing season to control lateral growth and improve green speed.	FS1095	n/a		
Verticutter Sharpened triangular blades, (12mm spacing) used regularly throughout the playing season to control lateral growth and improve green speed.	FS1200	FS1252		
Brush reel Used throughout the year for debris collection and clean up. Also used prior to mowing to stand grasses up and improve cut quality.	FS1088	FS1157		
Multi Dense/Synthetic brush reel Used throughout the year for debris collection and clean up. Also used prior to mowing to stand grasses up and improve cut quality.	FS1090	FS1275		
Rolaspikes/Sarel roller Provides fast & effective surface aeration. Used during the playing season enables penetration of air, water and fertiliser.	FS1113	FS1158		
Spring Tine Rake Ideal for lifting lateral growth, helping to stand grasses up, removing dead matter or broken leaves following a match. Also helps to break up algae crust or help remove the glutinous slime that can sometimes appear on fine turf.	FS1282	FS1283		

*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.

Tractor Mounted Scarifier

Rotorake TM1000

Combined scarification and linear aeration with heavy duty power



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.

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



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.

FULL SPECIFICATION AVAILABLE ON www.sisis.com

Rotorake Easy to Change Reels

Reels

1mm light scarifying/verticutting reel FS1260

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



2mm scarifying/thatch removal reel FS1259

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



Reels

3mm scarifying/thatch removal reel FS1261

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



Brush reel FS1263

Used throughout the year for debris collection and clean-up. Also used prior to mowing to stand grasses up and improve cut quality.



Optional Extras

Hydraulic Tipping Kit FS1061

Tractor Mounted Scarifier

Veemo MK2

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



Football/Hockey/Rugby



Cricket



Golf



Local
Authority &
Contractors



Close-up of blades

A purpose designed, triple mounted hydraulic driven scarifier 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.

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 Oil cooler

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

Pedestrian Aerators

Helping to keep grass in a healthy condition

By the pioneers of aeration techniques.

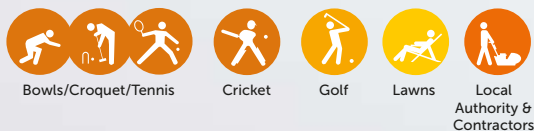


Image shows Dart model

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

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 TINES

Q/R tines* (set of 32 tines)

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 tine	SETX32-F35077

***See page 42 for tine selection**

Optional extras



0.9m spiker slitter attachment

FS0312

Tractor Mounted Aerators

Javelin and Javelin Aer-Aid 1500

Aeration with a difference



Football/Hockey/Rugby



Cricket



Golf



Local
Authority &
Contractors



Image shows Javelin Aer-Aid complete with rear roller



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.

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

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"

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 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	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**

Tractor Mounted Aerators

Multitiners

Helping to restore and maintain playing surfaces all year round



Football/Hockey/Rugby



Cricket



Golf



Local
Authority &
Contractors



Image shows Multitiner 1.8m

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:	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

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
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 Rolaspikes 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.

Rolaspikes (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

Pedestrian Slitter

Autoslit

Easy to use slitter with minimal surface marking

-    Football/Hockey/Rugby
-    Bowls/Croquet/Tennis
-  Golf
-  Lawns
-  Local Authority & Contractors



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.



Football/Hockey/Rugby



Cricket



Golf



Local
Authority &
Contractors



Image shows 1.8m Maxislit

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* (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.



Football/Hockey/Rugby



Cricket



Golf



Local Authority & Contractors



Image shows Quadraplay frame with four implements

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. All



Singleplay frame suitable for 1 implement

MODEL: SINGLEPLAY COMPLETE FRAME

Code: **FS0870**

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

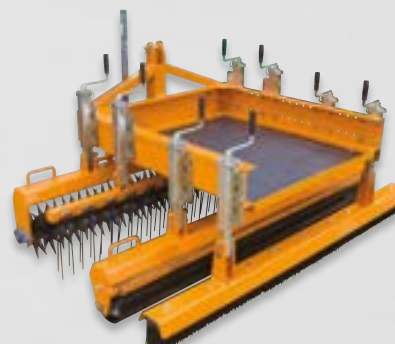
Code: **FS1237**



Tri-play frame suitable for 3 implements

MODEL: TRI-PLAY COMPLETE FRAME

Code: **FS1236**



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 implement frame with extension arms suitable for 2 implements

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

Easy to Attach Combination Implements

IMPLEMENTS	1.2m	1.8m	2.4m	
Deep Slitter 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).	FS1162	n/a	n/a	
Spiker Slitter 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.	FS0561	FS0764	FS0774	
Rolaspiker 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.	FS1271	FS1169	FS1267	
Straight Brush Used for standing grasses up, removing excess dew, enhancing presentation and brushing in dressings. Ideal on natural grass and hard porous areas. <i>*See note below table</i>	FS0865B	FS0765B	FS0775B	
Zig Zag Brush 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. <i>*See note below table</i>	n/a	FS0869B	FS0516B	
Flexicomb Ideal for standing up grasses and grooming, the easily adjusted crossbar increases or decreases the Flexicombs intensity. <i>*See note below table</i>	FS1163	FS1134	FS1277	
Intermediate Rake 4mm diameter tines. Ideal for regular use on hard porous surfaces, gravel paths and running tracks.	FS1270	FS0759	FS1268	
Tilth Rake 5.5mm diameter tines. Ideal for compacted hard porous surfaces, gravel paths and running tracks.	FS1269	FS0760	FS1266	
Spring Tine Grooming Rake 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. <i>*See note below table</i>	FS1148	FS0761	FS0771	
Fine Grooming Rake 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. <i>*See note below table</i>	FS1272	FS1075	FS1076	
Levelling Lute Ideal for levelling and grading hard porous surfaces.	n/a	FS0762	FS0772	
Roller Ideal for light rolling of all surfaces and enhancing presentation. Used on natural grass and hard porous areas.	FS0863	FS0763	FS0773	
Grader Plate Ideal for levelling greyhound tracks or other sand based surfaces leaving a lightly compacted polished finish.	n/a	FS1110	FS1109	

**Suitable for maintenance of synthetic surfaces – please contact SISIS for a copy of the SISIS synthetic product brochure.*

Popular Combinations

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



Ideal for: Football/Hockey/Rugby Cricket outfield

QUADRPLAY + 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

Tractor Mounted Seeder

Variseeder 1300

High build quality, efficient output
with low maintenance



Football/Hockey/Rugby



Cricket



Golf



Local
Authority &
Contractors



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.



Football/Hockey/Rugby



Cricket



Golf



Local
Authority &
Contractors



Detail of brush

Image shows Litamina 1200

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



Litamina 1200/1500



Litamina (showing tip feature)



Litamina and Litamisa in action

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



Football/Hockey/Rugby



Cricket



Golf



Local
Authority &
Contractors



Image shows Flexibrush

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



Flexibrush



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 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

FULL SPECIFICATION AVAILABLE ON www.sisis.com

Flexi400

Fast and effective coverage of golf fairways and sports grounds



Football/Hockey/Rugby



Cricket



Golf



Local Authority & Contractors

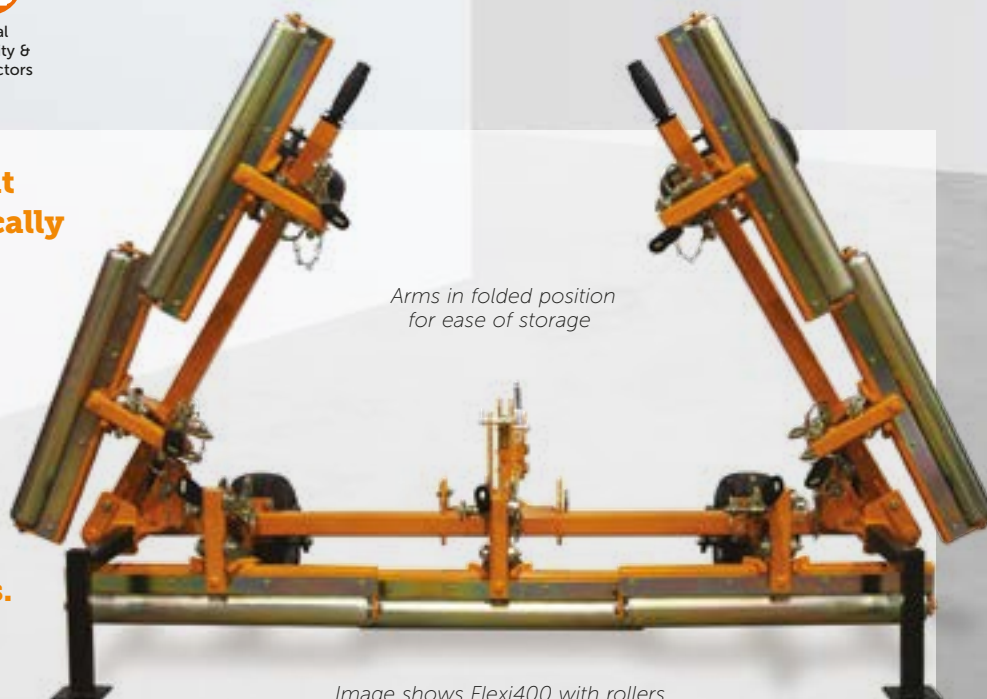
An interchangeable unit which has been specifically designed for fast and effective coverage on large areas such as golf fairways and sports grounds.

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



Arms in folded position for ease of storage

Image shows Flexi400 with rollers



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

Optional Extras

Brush heads **800230**



Optional brush head

Tractor Mounted Spreader & Top Dresser

Powaspred



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



Close up of the rotating brush and oscillating plate

MODEL:	POWASPRED
Code:	FS0780
Operating width:	1200mm (48")
Min tractor requirement:	15hp minimum

FULL SPECIFICATION AVAILABLE ON www.sisis.com

Visit www.sisis.com to see the Powaspred in action

Hand Tools:

Pedestrian Spreader & Top Dresser

Truspred



Bows/Croquet/Tennis



Cricket



Golf



Lawns

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:

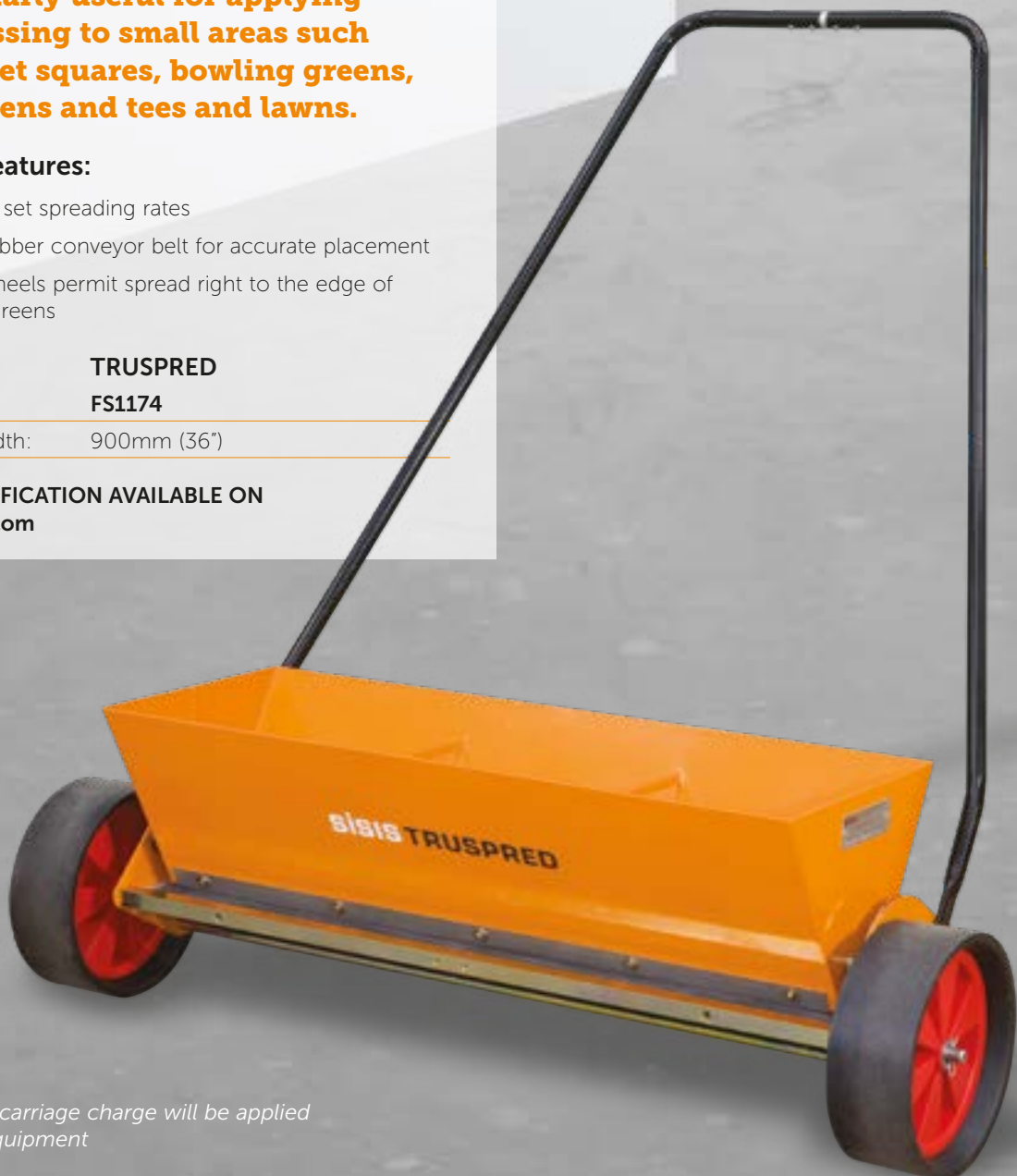
- Simple to set spreading rates
- Ribbed rubber conveyor belt for accurate placement
- Carrier wheels permit spread right to the edge of bowling greens

MODEL: TRUSPRED

Code: **FS1174**

Working width: 900mm (36")

**FULL SPECIFICATION AVAILABLE ON
www.sisis.com**



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

Image shows Truspred

Dragmats

Ideal for rubbing in dressings and routine surface renovation.



MODEL:	HAND PULLED	HAND PULLED/TOWED	TOWED
Code:	FS1036	FS1242	FS1037
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

Spreader

Designed to distribute compost and other similar organic materials evenly over grass surfaces.

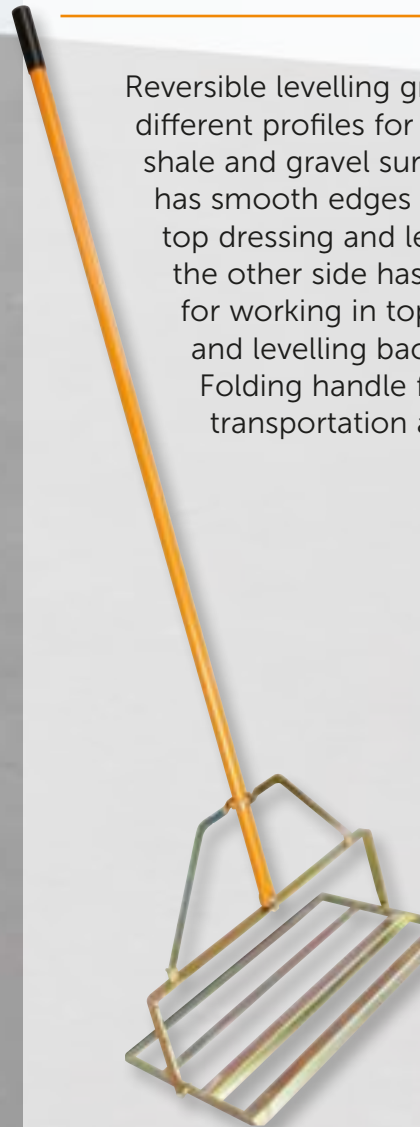


MODEL:	SPREADER
Code:	FS1243
Working width:	620mm (25")

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)	127MM LONG SOLID 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)	ADDITIONAL WEIGHTS (SET OF 2)
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 (1.8m/72")	2400mm (2.4m/96")

FULL SPECIFICATION AVAILABLE ON www.sisis.com

Combirake

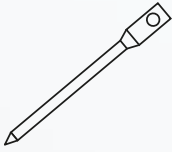
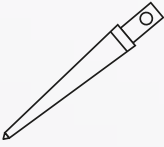

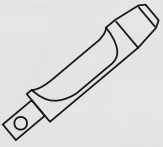
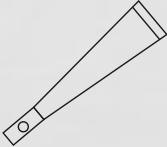
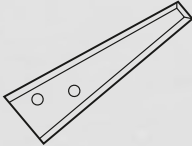
Simple to use combined rake and brush for use on small turf areas. Downward pressure is applied by gentle pressure on the handles. Folding handle for ease of transportation and storage.

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				
	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	100mm 100mm 127mm 127mm 67mm 67mm	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 Aerdrain Fork Javelin Aer-Aid 'Air Tines' Javelin Aer-Aid 'Non Air Tines'	100mm 100mm 127mm 127mm 100mm 100mm 127mm 127mm 127mm	12.5mm 12.5mm 12.5mm 12.5mm 12.5mm 12.5mm 7mm 10mm 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 15mm
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

Applications	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/Croquet/Tennis 	■	Tennis only (TM1000)	■		■				■				■	■
Football/Hockey/Rugby 		■		■	■	■	■	■	■	■	■	■		■
Cricket 										Varibrush only			■	■
- Wicket	■		■				■		■				■	■
- Square	■	TM1000 only	■	■			■	■	■	■	■	■	■	■
- Outfield		■		■		■	■	■	■	■	■	■	■	
Golf 						Multisilt/Maxisilt only				Varibrush only			■	■
- Tees	■		■	■	■		■	■	■		■		■	■
- Greens	■	TM1000 only	■	■	■	■	■	■	■	■	■	■	■	■
Fairways		■		■		■	■	■	■	■	■	■	■	
Ornamental/Lawns 	■	TM1000 only	■		■				■				■	■
Local Authority/Contractors 	■	■	■	■	■	■	■	■	■	■	■	■	■	■

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.



I came along today to see if there was any information I could pick up and it's been very informative. I would recommend this kind of event to any greenkeeper and even to bowlers. Every little helps and I don't care how many times you come to one of these – you are always going to learn something new. It has been absolutely superb."

Peter Cross from Nuneaton Bowls Club

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

"80 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.

sisis®

We keep good company

SISIS supports industry associations through corporate membership, which include:



Institute of Groundsmanship
Telephone: +44 (0)1908 312511
www.iog.org



STRI
Telephone:
+44 (0)1274 565131
www.stri.co.uk



BIGGA
Telephone:
+44 (0)1347 833800
www.bigga.co.uk



FEGGA
www.fegga.org



SAPCA
Telephone:
+44 (0)24 7641 6316
www.sapca.org.uk

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

sisis®

Expert Surfaces

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www.sisis.com



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E&EO