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## A



### 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





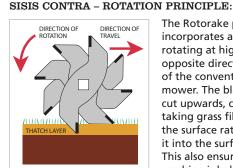
Lightweight and easy to manoeuvre, these pedestrian scarifiers have been specifically designed to allow a range of interchangeable reels to be used for all year round maintenance. Maximum thatch control and removal helps to reduce the risk of disease, encourage 'up right' grass growth and a 'true' playing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











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: ROTORAKE 450 POWER UNIT

Code:	FS1130
Working width:	450mm (18")
Engine:	GX120 Honda Engine
For details of reels go to Page 11	L

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



#### MODEL: AUTO ROTORAKE MK5 POWER UNIT

Code:	FS1052
Working width:	500mm (20")
Engine:	GX160 Honda Engine
For details of reels go to Page 11	

#### 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 (Auto Rotorake MK5 only)

#### **Pedestrian Scarifier**

## Rotorake 600HD

Heavy duty scarifier and linear aerator recommended by professionals



"I've used a Sisis scarifier for three years in the preparation and maintenance of the county wickets at Guildford CC and find it a fantastically powerful tool for mid season repairs and scarification." 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.

This heavy duty scarifier is equally at













Bowls/ Croquet/Tennis

nis

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

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

Bill Clutterbuck - Head Groundsman - Guildford Cricket Club & Surrey CCC outground

## Rotorake Easy to Change Reels

Reels	450	MK5	600HD		
1mm light scarifying reel	FS1185	FS1098	n/a		and the state of t
1mm replaceable, wear resistant tungsten tipped blades (12mm spacing) can be used throughout the season.					THOM:
1mm light scarifying reel	n/a	n/a	FS1156		Alle
1mm replaceable, wear resistant tungsten tipped blades (12mm spacing) can be used throughout the season.				\$	***
1.6mm scarifying/thatch removal reel	FS1161	FS1093	n/a		
1.6mm replaceable, wear resistant tungsten tipped blades (20mm spacing). Ideal for pre & post playing season renovation work.					***
2mm scarifying/thatch removal reel	n/a	n/a	FS1155		
2mm replaceable, wear resistant tungsten tipped blades (24mm spacing). Ideal for pre & post playing season renovation work.				5	THE PARTY OF
2mm scarifying/saw blade reel	n/a	n/a	FS1253		adds.
2mm replaceable, wear resistant tungsten tipped saw blades (24mm spacing). Ideal for pre & post playing season renovation work.					<b>MARINA</b>
Verticutter/thatch control reel	FS0087	FS1095	n/a		
Sharpened offset triangular blades (6mm spacing) used regularly throughout the playing season to control lateral growth and improve green speed.					THE REAL PROPERTY.
Verticutter	FS0292	FS1200	FS1252		Addi
Sharpened triangular blades, (12mm spacing) used regularly throughout the playing season to control lateral growth and improve green speed.					- ANN MA

Reels	450	MK5	600HD	
Brush reel	FS0818	FS1088	FS1157	4.00
Used throughout the year for debris collection and clean up. Also used prior to mowing to stand grasses up and improve cut quality.				A CONTRACTOR OF THE
Multi Dense/Synthetic brush reel	FS0867	FS1090	FS1275	
Used throughout the year for debris collection and clean up. Also used prior to mowing to stand grasses up and improve cut quality.				
Rolaspike/Sarel roller	FS1160	FS1113	FS1158	Manne
Provides fast & effective surface aeration. Used during the playing season enables penetration of air, water and fertiliser.				THE REAL PROPERTY AND ADDRESS OF THE PARTY AND
Faze-mo	n/a	n/a	FS1159	175-
Heavy duty reel used for removing unwanted surface matter such as thatch and weeds and surface levelling.				The state of the s



#### **Tractor Mounted Scarifier**

Rotorake TM1000

Combined scarification and linear

aeration with heavy

duty power

"A fantastic heavy duty scarifier, particularly for end of season cricket square renovations. Easy to set up, operate and maintain and gives an outstanding finish ready for overseeding and top dressing."

Mike Atherton - Head Groundsman - King Williams College

"Reducing thatch on our greens was a top priority and since purchasing the TM1000, the quality of our greens have significantly improved."

Richard Wallis - Head Greenkeeper - Wishaw Golf Club



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.













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

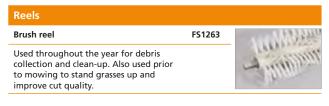
#### UNIQUE FEATURES:

- 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

## Rotorake Easy to Change Reels

#### Reels 1mm light scarifyng/verticutting reel FS1260 1mm replaceable, wear resistant tungsten tipped blades. Can be used throughout the season. 2mm scarifyng/thatch removal reel 2mm replaceable, wear resistant tungsten tipped blades. Ideal for pre and post playing season renovation work.

3mm scarifyng/thatch removal reel	FS1261	11 1 1 1 1 1 1 1 1 1 1 1 1 1
3mm replaceable, wear resistant tungsten tipped blades. Ideal for pre and post playing season renovation work.		TOTAL STATE
Faze-Mo reel	FS1262	1556
Aggressive removal of thatch layer and surface levelling at the end of season.		FIFT



#### Optional Extras HYDRAULIC TIPPING KIT

FS1061

#### **Tractor Mounted Scarifier**

Veemo MK2

Minimum surface disturbance

with maximum thatch

removal – designed for

large areas

"The Veemo has transformed the course fairways by reducing heavy thatch and allowing more water to filter down to the root zone. The machine follows the undulations and contours of the course extremely well."

John Barr - Head Greenkeeper - Lutterworth Golf Club

"I would highly recommend the Veemo to any superintendent or sports turf manager wishing to improve their fairways or sportsfields."

Don Garrett - CGCS - The Walker Course Clemson, SC, USA



Veemo MK2 model

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.













Micro adjusters for depth setting



Direct Drive to reel shaft via hydraulic motor



Tungsten tipped 'hook' blades for durability

#### 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



Integral heavy duty Oil cooler

#### 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

#### 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

## **Pedestrian Aerators**

Helping to keep grass in a healthy condition

By the pioneers of aeration techniques

"The Dart does a great job in renovating and preparing the green. All in all we are extremely pleased with our machine."

Tony Taylor - Greenkeeper - Goodwood Bowls Club



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.















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

Power unit excludes tines





Supaturfman

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

Power unit excludes tines

#### FULL SPECIFICATIONS AVAILABLE ON www.sisis.com

#### UNIQUE FEATURES:

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

#### SUPATUREMAN 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
114mm Jumbo coring tine	SETX32-F35077
*see page 42 for tine select	tion

#### OPTIONAL ATTACHMENT

0.9m spiker slitter attachment

FS0312



#### **Tractor Mounted Aerators**

Javelin and Javelin Aer-Aid 1500

Aeration with a difference

"The Sisis Javelin was purchased for use on our golf course. However we now use it all around the university estate on all our sports surfaces. The wide choice of tines, low maintenance and high work rate are all great advantages."

Jim Struthers - Garden & Grounds Superintendent - Stirling University





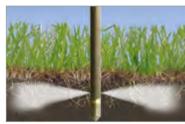
The Sisis Javelin and Javelin Aer-Aid machines are specially designed tractor mounted vertical action aerators for use on both

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"



MODEL:	JAVELIN	AER-AID	1500

on

Includes set of 10 air/non-air tines

#### **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 non-air tines

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











Quick, single lever tine depth setting for easy adjustment

#### OPTIONAL EXTRAS

Special tines* (set of 10 t	tines)	
127 x 10mm 'air tines'		SETX10-F36948
127 x 10mm 'non air tine	es'	SETX10-F36949
Optional rear pressure ro	oller	FS1115
Optional turf retainers		FS1009
Optional tines* (20 or 30	per set)	
127mm solid tine	set of 20 set of 30	SETX20-F31730 SETX30-F31730
127x7mm pencil tine	set of 20 set of 30	SETX20-F33965 SETX30-F33965
127x16mm hollow tine	set of 20 set of 30	SETX20-F31277 SETX30-F31277
114mm Jumbo hollow tii	ne	
	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

#### 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

**Tractor Mounted Aerators** 

MULTIMER 1800

Multitiners

Helping to restore

and maintain

playing surfaces

all year round

"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

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.



MODEL:	<b>MULTITINER 1.2</b>	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
76mm 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
76mm pencil tine	SETX120-D2047

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

#### MULTITINER 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

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



#### ROLASPIKE (REQUIRES SINGLE PLAY FRAME)

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

#### OPTIONAL EXTRAS

Single play frame FS0870

FULL SPECIFICATION AVAILABLE ON www.sisis.com

#### ROLASPIKE UNIQUE FEATURES:

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











#### **Pedestrian Slitter**

## **Autoslit**

Easy to use slitter with minimal surface marking



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.











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\***

2001	+:	124		:4\	
Optional	unes	(24	per	unit	

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

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

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

#### 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 guickly removed for easy tine
- 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



## Tractor Mounted Deep Slitters

## Optimum aeration for maximum health

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

"The Maxislit I have will last for 20 years as it is so well made. I have enjoyed an excellent relationship with Sisis and know I can rely on them for parts, service and support."

Bob Stretton - Head Groundsman - Massey Ferguson Sports Club

"Over the years I have found that compaction is the biggest single factor that adversely affects sportsturf. I use the Sisis Megaslit on our golf course fairways and sportsfields. It is the most effective way of achieving fast consistent deep aeration without surface disruption."

Jim Struthers – Garden & Grounds Superintendent – Stirling University

"We use the Multislit on the greens and fairways. Our surfaces are as good as anyone's."

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.















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

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

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

#### 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

Combination Implement Frames

Performance you can rely on

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

"I use the Quadraplay regularly in my maintenance programme. Four operations can be carried out saving time and labour with grooming, light rolling, brushing and surface aeration helping to produce a great finish."

Jim Dawson - Head Groundsman - S.R.U Murrayfield

"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



#### **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 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.



Singleplay frame suitable for 1 implement

MODEL: SINGLEPLAY COMPLETE FRAME

Code: FS0870



Twinplay frame suitable for 2 implements

MODEL: TWINPLAY COMPLETE FRAME

Code: **FS1237** 



Tri-play frame suitable for 3 implements – please contact the office to confirm suitable implements

MODEL: TRI-PLAY COMPLETE FRAME

Code: **FS1236** 



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









f Local Aut

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		IMPLEMENTS	1.2m	1.8m	2.4m	
Deep Slitter	FS1162	n/a	n/a	機 福 温 海 温 海 温 温 温 温 温 温 温 温 温 温 温 温 温 温 温	Intermediate Rake	FS1270	FS0759	FS1268	The state of the s
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					4mm diameter tines. Ideal for regular use on hard porous surfaces, gravel paths and running tracks.				
implement frame only).				A PARTIES	Tilth Rake	FS1269	FS0760	FS1266	KI
Spiker Slitter  Fast method of surface aeration allowing air and water to percolate into the root zone. Ideal for use during the playing	FS0561	FS0764	FS0774	Marine 1	<ol> <li>5.5mm diameter tines. Ideal for compacted hard porous surfaces, gravel paths and running tracks.</li> </ol>				440))))
season and before fertilizer applications				10 3 C C C C C C C C C C C C C C C C C C	Spring Tine Grooming Rake	FS1148	FS0761	FS0771	
and irrigation.  Rolaspike	FS1271	FS1169	FS1267	- Inn	7mm diameter spring tines for grooming and raking. Ideal for standing grasses up to improve presentation and remove				100 PE 100 PE
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					thatch, useful for creating a tilth on worn areas. Also suitable for use on hard porous surfaces. *see note below table				
overseeding programme.				The A. J. Williams	Fine Grooming Rake	FS1272	FS1075	FS1076	0.0
Straight Brush	FS0865B	FS0765B	FS0775B		5mm diameter spring tines for grooming and raking. Ideal for standing grasses up to improve presentation and remove				FE 198 188 1
Used for standing grasses up, removing excess dew, enhancing presentation and brushing in dressings. Ideal on natural grass and hard porous areas.					thatch, useful for creating a tilth on worn areas. Also suitable for use on hard porous surfaces.  *see note below table				
*see note below table				(Minimus.	Levelling Lute	n/a	FS0762	FS0772	10
Zig Zag Brush	n/a	FS0869B	FS0516B		Ideal for levelling and grading hard porous				
Angled brush sections increase the brushing intensity. Ideal for removing dew, standing grasses up, working in top dressing and					surfaces.				
improving presentation. Ideal on natural				THE RESERVE OF THE PARTY OF THE	Roller	FS0863	FS0763	FS0773	
grass and hard porous areas. *see note below table				CHEMICAL PROPERTY.	Ideal for light rolling of all surfaces and enhancing presentation. Used on natural				
Flexicomb	FS1163	FS1134	FS1277	- FAR WOME	grass and hard porous areas.				
Ideal for standing up grasses and grooming, the easily adjusted crossbar increases or decreases the Flexicombs intensity.	1.3m wide			FIELD FIELD	Grader Plate	n/a	FS1110	FS1109	
*see note below table				Ideal for levelling greyhound tracks or other sand based surfaces leaving a lightly compacted polished finish.			2m wide		

<sup>\*</sup>Suitable for maintenance of synthetic surfaces – please contact Sisis for a copy of the Sisis synthetic product brochure.

## **Popular Combinations**

Quadraplay + Spiker Slitter + Fine Grooming Rake + Roller + Brush

Quadraplay + Fine Grooming Rake + Intermediate Rake + Grader Plate









Ideal for: Greyhound race tracks

Twinplay + Zig Zag Brush + Brush





Ideal for: Football/Rugby



Twinplay + Spiker Slitter + Brush





Ideal for: Football/Rugby



Golf

Singleplay + Spiker Slitter





Ideal for: Golf



Image shows Variseeder 1300

# Variseeder 1300 High build quality, efficient output with low maintenance

"I have been using the Variseeder for 15 years. A fast and accurate method of seeding, perfect for all year round pitch maintenance."

Steve Birks - Head Groundsman - Notts CCC

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.









Golf Local Autho



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



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/fescues

#### **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

#### 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

## **Tractor Mounted Sweepers**

Enhance the aesthetic presentation of your pitch

Sweepers specially designed for large areas.



Detail of brush

Image shows Litamina 1200

"I use the Litamina all year round for sweeping and collecting grass clippings, thatch, cores and litter. It's easy to use and set up and leaves a great finish."

Jim Dawson - Head Groundsman - S.R.U. Murrayfield

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.











Litamina and Litamisa in action



Litamina 1200/1500



Litamina (showing tip feature)

MODEL: Code:	LITAMINA 1200 FS1070	LITAMINA 1500 FS1047	LITAMISA 1800 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

#### LITAMINA/LITAMISA 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

## **Tractor Mounted Brushes**

Delivering an outstanding finish



David Bevan - Course Manager - Overstone Park Golf Club

"We use the Varibrush to remove the early morning dew, stand grasses up prior to cutting and aid with the presentation of the college sports grounds and lawns."

Kevin Whorley - Head Groundsman - Ashville College

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



Flexibrush with folded arms

#### MODEL: FLEXIBRUSH

Code:	FS1033			
Working width:	5350mm (214")			
Min Tractor requirement:	18hp			
FULL SPECIFICATION AVAILABLE ON www.sisis.com				

#### 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



Varibrush



Adjustable wheels (Varibrush)

#### MODEL: VARIBRUSH

Options	Code			
With 3 point linkage mounti	FS1029B			
With manual lift towing fram	FS1024B			
With electric lift towing fran	FS1027B			
Units are complete with wheels				
Working width:	1850mm (74")			
Min Tractor requirement:	18hp mounted – 12	2hp towed		

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

#### 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

### Towed Interchangeable Roller or Brush Unit

## Flexi400

Fast and effective coverage of golf fairways and sports grounds

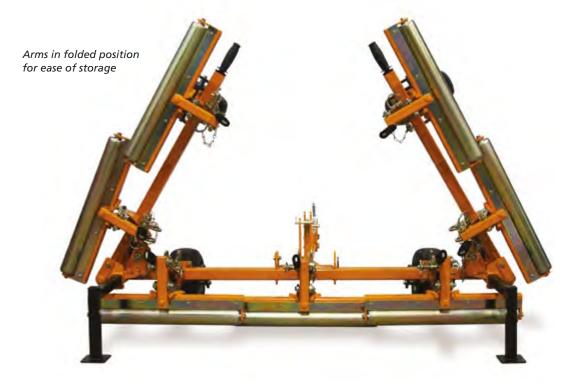


Image shows Flexi400 with rollers

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.













Attached and ready for action

reconced arraneday for action	•
MODEL:	FLEXI400
Code:	FS1273
Description:	Towed unit with rollers
Working width:	4000mm (158")
Power unit requirement:	15hp minimum
FULL SPECIFICATION AVAI	LABLE ON

#### OPTIONAL EXTRAS

Brush heads 800230

#### 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



Optional brush head

Visit www.sisis.com to see the Flexi400 in action.

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.











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

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

#### 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

David Murphy - Director - Delta Irrigation



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.









f Lav

MODEL: TRUSPRED Code: FS1174

Working width: 900mm (36")

FULL SPECIFICATION AVAILABLE ON www.sisis.com

#### 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

SİSIS

## **Dragmats**

Ideal for rubbing in dressings and routine surface renovation.



**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

FULL SPECIFICATION AVAILABLE O 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

MODEL:

Code:

TRULEVEL (120KG ROLLER) ADDITIONAL

FS1257

WEIGHTS (SET OF 2)

FS0801

raised concentrating the weight

on the centre roller if desired.

Working width: 900mm (36")

FULL SPECIFICATION AVAILABLE ON www.sisis.com

## **Aerdrain Fork**

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

(SET OF 5)

MODEL: AERDRAIN FORK

127MM LONG SOLID TINES

127MM LONG HOLLOW TINES

(LESS TINES) Code:

FS1144 SETX5-D1534 (SET OF 3) SETX3-D1535

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

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



<sup>\*</sup>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.



Dragbrush

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

MODEL: DRAGBRUSH
Code: F51166

Working width: 1800mm (1.8m/72") 2400mm (2.4m/96")

FS1248

FULL SPECIFICATION AVAILABLE ON www.sisis.com

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



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.

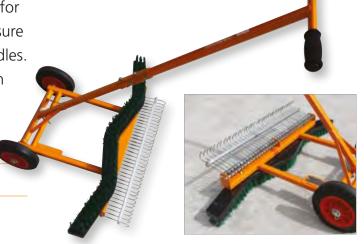
MODEL: COMBIRAKE

Code: F50932

Working width: 690mm (28") rake 910mm (36") brush

FULL SPECIFICATION AVAILABLE ON

www.sisis.com



# Choosing the correct tine – a basic guide

Pencil	Solid	Hollow	Jumbo Hollow	Chisel	Slit	
	0			0		
When to use:	When to use:	When to use:	When to use:	When to use:	When to use:	
Ideal for use on fine turf during the playing season. Will help to relieve compaction with minimal surface disruption.	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	Used in the spring and autumn for compaction relief & soil exchange on fine turf.	Used in the spring and autumn for compaction relief & high volume soil exchange on fine turf.	Mainly used throughout the winter months on fine turf. Provides a slit with a large wall area. Encourages deeper rooting.	Generally used autumn, winter and spring on fine turf. Unique design gives maximum underground aeration with minimal surface disruption.	
	renovations.				Heavy duty slitting tines are used on all types of outfield. Used autumn, winter and spring.	
Sisis Products:	Sisis Products:	Sisis Products:	Sisis Products:	Sisis Products:	Sisis Products:	
Dart Supaturfman Javelin Aer-Aid Javelin Multitiner 1.2 Multitiner 1.8	Dart Supaturfman Javelin Aer-Aid Javelin Multitiner 1.2 Multitiner 1.8 Aerdrain Fork	Dart Supaturfman Javelin Aer-Aid Javelin Multitiner 1.2 Multitiner 1.8 Aerdrain Fork	Supaturfman Javelin Aer-Aid Javelin Multitiner 1.2 Multitiner 1.8	Dart Supaturfman Multitiner 1.2 Multitiner 1.8	Autoslit Multislit Maxislit Megaslit	

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 responsibilty is accepted by Sisis for incorrect use.

## Helping to 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)	Dart/ Supaturfman only		•				•				•	•
Football Hockey Rugby	7.3		•		•	•	•	•	•	•	•	•	•		•
- Wicket - Square - Outfield	– Wicket	•		•				•		•	Varibrush only			•	•
	– Square	•	TM1000 only	•	•			•	•	•	•	•	•	•	•
	– Outfield		•		•		•	•	•	•	•	•	•	•	
– Tees	– Tees	•		•	•	•	Multislit/ Maxislit only	•	•	•	Varibrush only	•		•	•
Golf .	– Greens	•	TM1000 only	•	•	•	•	•	•	•	•	•	•	•	•
	– Fairways		•		•		•	•	•	•	•	•	•	•	
Ornamental/Lawns	, si	•	TM1000 only	•		•				•				•	•
Local Authority/ Contractors	<b>M</b>	•	•	•	•	•	•	•	•	•	•	•	•		•

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.

Mr Blacklock from North Tyneside local authority said:

"I've found the day to be very useful and informative with excellent presentations and worthwhile attending. I do not have a lot of experience in this field and have recently started some courses on turf maintenance. The seminar was not overwhelming and it was pitched at the correct level."

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





## A helping hand from Team Sisis





### Access to all the information vou need

The Sisis website is a constantly evolving

source of useful and practical information for Sisis users. You can watch videos of machines in action, learn valuable tips about turf maintenance and download operating manuals on all Sisis products at your convenience any time, any day.







### Experience our excellent network of dealers

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

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



### Next day spare parts

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

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



### We keep good company

Sisis supports industry associations through corporate membership, which include:



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



www.dennisuk.com

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