



Welcome to the Syn-Pro catalogue The benchmark in synthetic turf maintenance equipment

Modern synthetic turf has developed greatly over the last few years and now provides a premium playing surface for many sports.

But like all quality pitches used by professionals, synthetic surfaces need regular maintenance to both preserve the life of the pitch and also to ensure the highest standards of playability and performance.

Simple maintenance, carried out 'a little and often' helps maintain each layer – from the synthetic 'carpet' to the sub-base and the applied infill. Whether sand filled or rubber crumb (usually referred to as 3G or 4G) SISIS provides a top to bottom package of equipment for routine drag brushing, grooming, decompacting, infill distribution, debris collection and cleaning.

Choosing the right equipment is critical and depends on many factors such as pitch type, surface characteristics and environmental conditions. Together with the support of our professional dealership network you benefit throughout the whole machine lifecycle with high level advice and education, access to technical expertise and responsive action to parts and servicing.

Synthetic Surface types...

Sand-Dressed

With lower sand content, the surface has a greener appearance with less tendency to compact and provides a stable and durable surface.

Water

Dense, short pile carpets that are irrigated and kept wet to control ball speed.

Sand-Filled

A second generation surface which is economic and lightweight, filled with high levels of sand for greater stability and performance.

Rubber Crumb

A natural grass effect created as a result of the extra long pile required to hold both the sand / rubber crumb combination.





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Hand Tools



Built with 90 years experience

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







Solid engineering, with a unique feel...

Our reputation for innovation began back in 1932 and has continued ever since.

Through our ongoing development of cutting edge ideas our expertise will help the way synthetic playing surfaces are prepared and maintained.

Every design detail makes a difference to performance and you can be sure engineering innovation runs through every Syn-Pro machine.

synprobysisis.com







I would absolutely recommend...

The SISIS Osca to anyone who is looking to improve their synthetic turf. It has now become a staple in our synthetic turf maintenance.

Dan Shemesh New York Red Bulls

Over the course of a year, the pitch averages four hours of play every day and we use the Osca on a fortnightly basis.

It is a great machine and when you run your fingers through the pitch after you have used the Osca, it is clear to see that the de-compaction it offers is simply on a different level. Since we have been using it, the pitch has significantly improved.

Duncan Toon Warwick School

We use the SSS1000 on the back of a compact tractor – it is nice and easy to put on, reliable, easy to adjust and requires hardly any maintenance.

It also saves the staff a huge amount of time because we are not having to go onto the pitch with rakes and blowers and put the debris into bags. The SSS1000 does the hard work for you.

Colliers Park

I'm not very technically minded but the Brush -Pro is easy to operate, it is comfortable to sit on and easy to maintain.

It is easy to set up and it does the job it is there to do. I just can't fault the equipment.

Julian Axhorn Merthyr Town FC



SISIS is marvellous for Merthyr Town Football Club

A range of SISIS synthetic turf maintenance equipment is helping to keep the 'Wembley of South Wales' in excellent condition.

Merthyr Town FC is a non-league team from South Wales. It is a 100% fan owned community club that play in the Southern League Premier Division at its historical home of The MET Coaches Stadium at Penydarren Park, right in the heart of the Merthyr Tydfil Community.

The club has had its ups and downs over the years, but the installation of a synthetic pitch has helped turn fortunes around, as Merthyr man Julian Axhorn explains.

"Part of the improvement plan was to have a new synthetic pitch," he said. "Previously, in winter the grass would disappear, and we couldn't use the pitch. Now we can use it all year round and it also creates a vital revenue stream. We wanted to make it a community asset, and now everyone uses it – they love it, and I love it. I call it the Wembley of South Wales."

Julian is known as the Merthyr man for good reason - not only does he maintain the pitch, but he is on the board





as the Treasurer; works on the turnstiles, and helps with numerous other tasks on a matchday. Therefore, when it comes to his own little slice of Wembley – he wants only the best

"The pitch was replaced with a new surface a year ago and I thought the time was right to invest in new equipment," he said. "We had a very old tractor with a little brush on the back and it was very slow and antiquated. We wanted an improvement and after doing some research we identified the SISIS Brush-Pro and the SISIS SSS1000 as the ideal equipment."

Specially designed for synthetic surfaces, the Brush-Pro is a ride-on brushing system consisting of a pair of mid mounted oscillating brush units and three rear mounted brushes. The oscillating brushes are ideal for periodic aggressive brushing to keep infill mobile, prevent algae accumulation, surface compaction and loss of porosity.

Equally impressive is the SISIS SSS1000 - a tractor mounted sweeper that can be pulled by any machine. The rotary

brush has been designed for use on synthetic surfaces to remove surface debris, lift the carpet pile and redistribute sand or rubber crumb infill giving the surface maximum performance and extended life.

Julian explained how the two SISIS machines play a part in his maintenance programme.

"After every twenty hours of use we carry out one hour of maintenance, and this pitch is always in use," he said. "Typically, we try and stick to a cycle, so one week we will do the brushing; the following week we will use the oscillating brushes, and then the next week we will do the sweeping with the SSS1000.

"These two machines keep the pitch in great condition, they help to move the crumb around the surface and the sweeper picks up all the debris.

"I'm not very technically minded but the Brush-Pro is easy to operate, it is comfortable to sit on and easy to maintain, it is easy to set-up, and it does the job that it is there to do. I just can't fault the equipment. They also fit nicely in the garage and save space which is an added benefit."

Julian revealed that some funding issues initially delayed the purchase of the equipment, however he thanked the SISIS team for their understanding.

"The funding wasn't quite in place, so SISIS kindly supplied us with a demonstration model to use until it was all sorted. I knew I had made the right decision because you can't beat that for customer service.

"You really do get the full package from SISIS."





A dual purpose brushing system that is ideally suited to either a sand or rubber crumb maintenance programme. Comprising of a pair of oscillating brush units, the OSCA 3 allows for periodic aggressive brushing to be undertaken to agitate the upper infill level helping reduce compaction, encourage fibres to stand upright and reduce the risk of contamination and surface water.

By switching off the pto, the brush system can be used as a conventional dragbrush for the more regular light brushing programme to help stand up the fibres and to move the infill around to create a level surface. Moving the infill around through a brushing programme helps to minimise the threat of moss and algae.

Key Benefits

- > Aggressive brushing action keeps infill mobile and prevents surface compaction and loss of porosity
- Maintains infill level at a constant depth giving consistent playing characteristics
- Helps to prevent fibre damage caused by reduced infill levels
- > Uses fewer passes than conventional dragbrushes causing less compaction
- > Disperses top dressing quickly and evenly preventing excess material being left on the surface
- > Storage frame ensures handling and fitting the system to tractor is simple and safe. It also helps to protect the system during movement and storage. Fitted with castor wheels



In action during the brushing process and leaving the final finish



Twin play extension arms allow a 1.8m straight brush to be added to the system







Transport Trolley Storage trolley for ease of movement, handling and storage

Osca 3

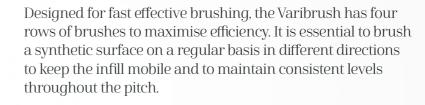
Code:	FS0958Y
Working width:	1900mm (1.9m/76")
Tractor power requirement:	18hp minimum

Optional Extras

Includes storage frame

	Description	Code
	Twin implement extension arms	F\$1123Y
	1.8m Straight brush	FS0765Y
	Front and rear implement mounting frame	800561

Discover the full specification and see the Osca 3 in action at www.synprobysisis.com



The multiple brushing action of the Varibrush allows the required maintenance to be carried out with fewer passes, therefore reducing compaction. The Varibrush can be used on a wide variety of vehicles and has three mounting options available.



In action standing up the pile and moving the infill

Manual lift am

Key Benefits

Discover

Image shows Varibrush with Manual Lift

- Multiple brushing action means fewer passes required and therefore reduced compaction
- **)** Easy to handle and attach system
- Adjustable drawbar for towing height and length
- Reversible frame to allow for brush wear
- Can be used to brush top dressings into surfaces quickly and evenly preventing excess material being left on the surface
- Helps to maintain consistent infill levels throughout the pitch



Adjustable drawbar for towing height

Varibrush

Working width:	1850mm (1.85m/74")
Tractor power requirement:	Mounted 18hp min Towed 12hp min

Description	Code
With 3 point linkage mounting frame	FS1029Y
With manual lift towing frame & ball hitch	FS1024Y
With electric lift towing frame & ball hitch	FS1027Y

Units are complete with wheels

Maximising efficiency and brushing effect

Tractor Mounted Brushes

Varibrush

Discover the full specification and see the Varibrush in action at www.synprobysisis.com



Combination brush systems which are ideal for regular maintenance of synthetic surfaces. The flexicomb and straight finishing brush combination is recommended for both sand and rubber infill.

The flexicomb ensures even distribution of infill and lifts the pile whilst the straight brush produces a smooth level and eye catching presentation. For rubber crumb surfaces a more aggressive brushing is required and this can be achieved by adjusting the crossbar on the flexicomb to stiffen the bristles.

A combination of Zig Zag and straight brush's provides a four section angled action and a finish to ensure a maximum brushing effect.

Tractor Mounted Brush Combinations

Working width:	1800mm (1.8m/72")
Tractor power requirement:	15hp minimum

Description	Code
Singleplay frame	FS0870Y
Twinplay frame (complete)	F\$1237Y
Twin implement extension arms	FS1123Y

Implements*

	Description	Code
	1.8m Flexicomb	FS1134Y
	1.8m Zig Zag brush	FS0869Y
	1.8m Straight brush	FS0765Y

* Implements can be used singly or in pairs Flexicomb also available in 1.3m upon request Zig Zag brush also available in 2.4m upon request Straight brush also available in 1.2m/2.4m upon request

Discover the full specification and see the brush system in action at www.synprobysisis.com



Stiffer bristles - Flexicomb crossbar set low for rubber crumb infill



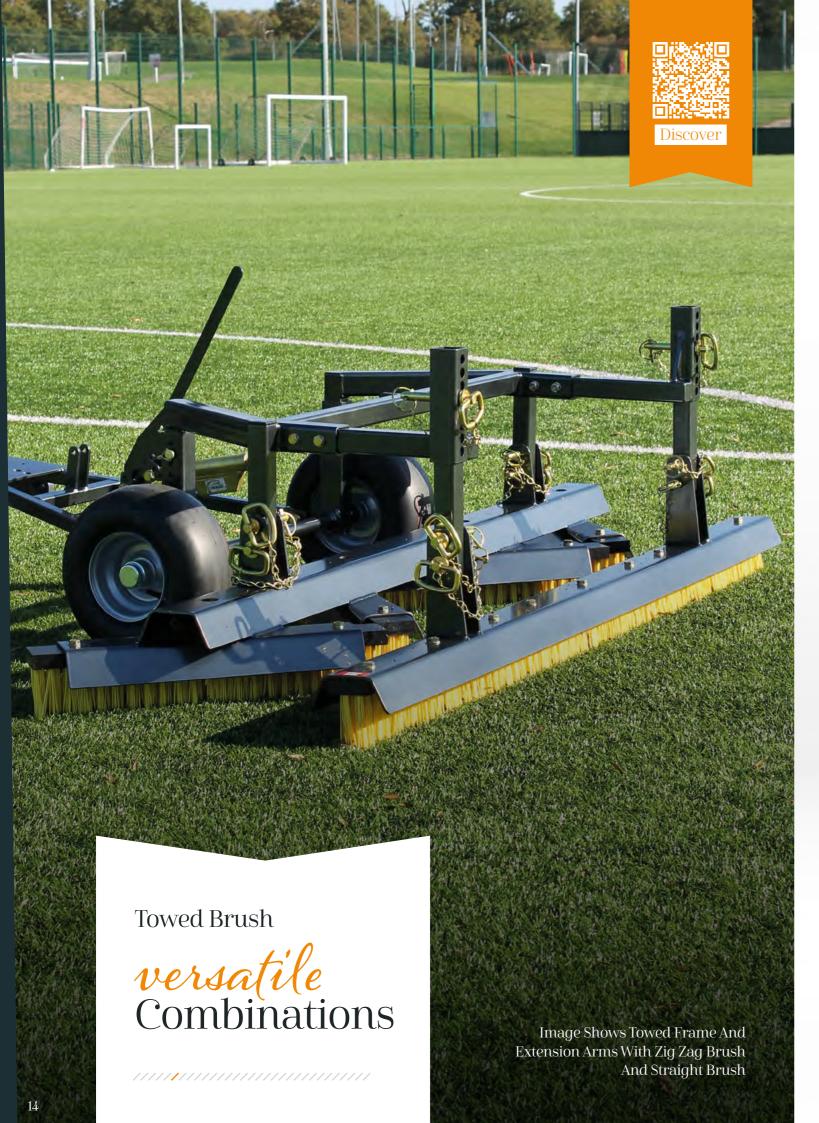
Softer bristles - Flexicomb crossbar set high for sand infill



Zig Zag brush and straight brush combination at work on rubber crumb infill



Zig Zag brush and straight brush combination ideal on rubber crumb or sand



Designed specifically for regular routine brushing, the towed brush combinations can be used by almost any small ride-on power unit including compact garden tractors.

Regular brushing should ideally take place following every 8-10 hours of play. The flexicomb can be used on sand infill surfaces and also used more aggressively on rubber crumb infill by adjusting the crossbar and shortening the length of the bristles. The straight brush is ideal as a 'smooth finishing' brush and enhancing presentation.



Working width:	1800mm (1.8m/72")
Power unit requirement:	15hp minimum

Description	Code
Towed single frame - manual lift	FS1118Y
Towed single frame - electric lift	FS1238Y
Twin implement extension arms	FS1123Y

Implements*

Code
FS1134Y
F\$0869Y
FS0765Y

* Implements can be used singly or in pairs Flexicomb also available in 1.3m upon request Zig Zag brush also available in 2.4m upon request Straight brush also available in 1.2m/2.4m upon request

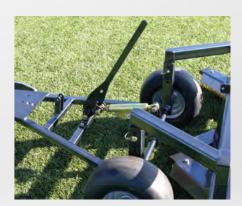
Discover the full specification and see the brush combinations in action at www.synprobysisis.com



Flexicomb and brush combination ideal for rubber crumb or sand infill



Zig Zag and brush combination ideal for rubber crumb or sand infill





Twin implement extension arms

Discover

Image shows Ride On Brush-Pro

Specially designed for synthetic surfaces, the Brush-Pro is a ride-on brushing system consisting of a pair of mid mounted oscillating brush units and three rear mounted brushes.

The oscillating brushes are ideal for periodic aggressive brushing to keep infill mobile, prevent algae accumulation, surface compaction and loss of porosity. The infill level is maintained at a constant depth giving consistent playing characteristics and reducing pile damage caused by reduced infill levels. The "oscillating action" is designed to be thorough and effective but gentle to avoid damage to the fibres. Fewer passes are required than when using conventional drag brushes causing less compaction. The rear mounted brushes are designed for routine frequent use to lift the pile.

Key Benefits

- > Hydrostatic drive for forward/
- > Rear brushes fold for transport and ease of storage
- Electric start and activator lift to raise oscillating brushes to transport height
- > Aggressive periodic use of oscillating brush keeps infill mobile and prevents surface compaction
- > Uses fewer passes than conventional drag brushing causing less compaction
- Helps to maintain consistent infill levels throughout the pitch
- > Rear mounted brushes for routine maintenance
- Incorporates tow hitch and is suitable for use with SSS1000
- > Brush options for different functions



The oscillating brushes in action



Treaded rear tyres with optional slick tyres



Hi-comfort seat and operator friendly steering and controls



Fast and effective coverage

Brush-Pro

Code:	F\$1235Y
Working width:	
Oscillating brush	1500mm (1.5m/60")
Rear brush	3000mm (3.0m/120")
Engine:	Honda GXV390 / Vanguard 16hp V-twin

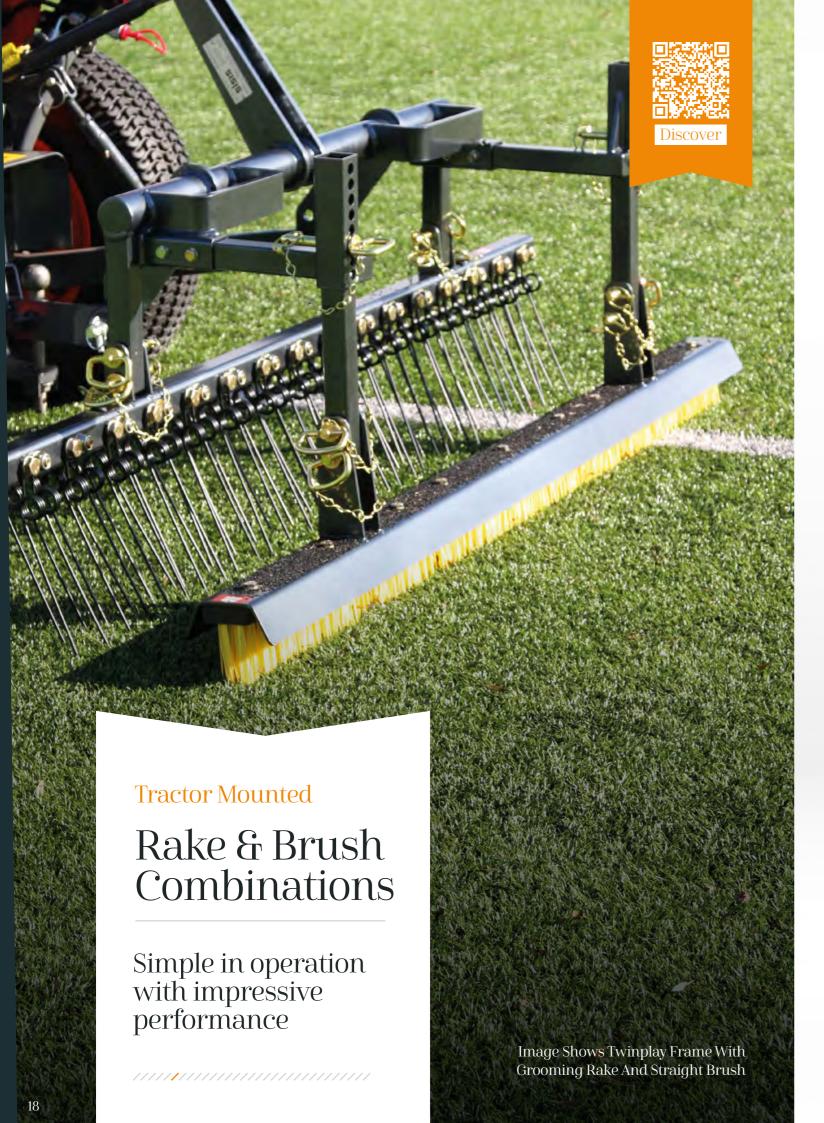
Discover the full specification and see the Brush-Pro in action at www.synprobysisis.com

Ride-on Brush System

The two-in-one

brushing system

Brush-Pro



Tractor mounted rake and brush combination for decompacting either sand or rubber infill surfaces.

Using either the fine grooming rake or the flexicomb with a straight brush will loosen the infill mix ensuring true and level playing characteristics, reduce the risk of injury, help maintain the surface lifespan and prevent standing water. The adjustable crossbar on the flexicomb allows the length of the bristles to be altered to meet raking and brushing needs of sand and rubber infills.



Adjustable crossbar on flexicomb alters length of bristles to meet the needs of rubber crumb or sand infill

Tractor Mounted Rako & Brush Combinations

	Description	Code
	Tractor power requirement:	15hp minimum
	Working width:	1800mm (1.8m/72")
Tractor Mouriled Rake & Drush Combina		

Description	Code
Singleplay frame	F\$0870\
Twinplay frame (complete)	FS1237\
Twin implement extension arms	FS11231



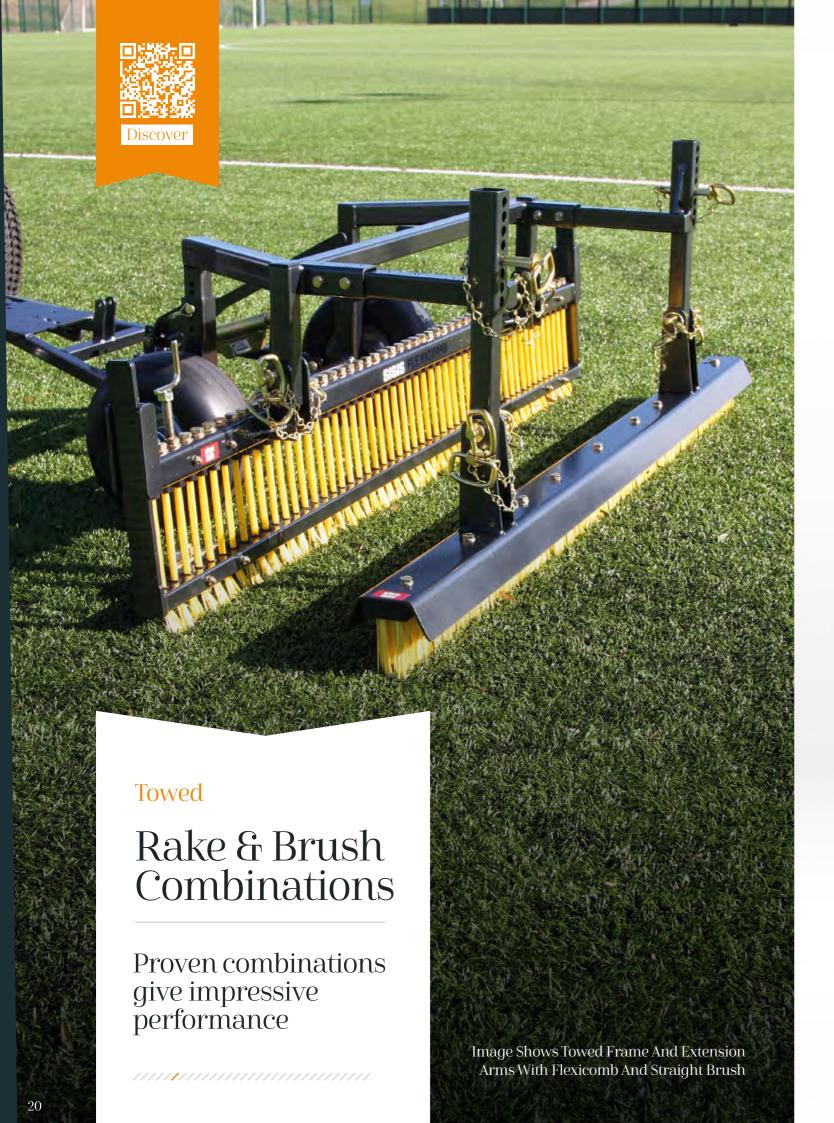
Twinplay with fine grooming rake and straight brush in action reducing compaction on rubber infill

Implements*

Description	Code
1.8m Flexicomb	FS1134Y
1.8m Fine grooming rake	F\$1075Y
1.8m Straight brush	FS0765Y

Discover the full specification and see the Rake & Brush Combinations in action at www.synprobysisis.com

^{*} Implements can be used singly or in pairs Flexicomb also available in 1.3m upon request Fine grooming rake also available in 1.2m/2.4m upon request



Proven combinations designed for most small ride-on power units including compact garden tractors.

Used singly or with a straight "finishing" brush, either the fine grooming rake or flexicomb are ideal for decompaction maintenance on sand or rubber infill surfaces. This process keeps the fibres upright allowing them to wear correctly and players to gain traction. Two versions are available, manual lift or electric lift.



Twin implement extension arms allows a straight brush to be added to the system

Towed Rake And Brush Combinations

Working width:	1800mm (1.8m/72")
Power unit requirement:	15hp minimum
Description	Code
Towed single implement frame - manual lift	FS1118Y
Towed single implement frame - electric lift	F\$1238Y
Twin implement extension arms	FS1123Y



brush. The crossbar can be adjusted to shorten or lengthen the bristles for rubber crumb or sand infill

Implements*

Description	Code
1.8m Flexicomb	FS1134Y
1.8m Fine grooming rake	FS1075Y
1.8m Straight brush	FS0765Y

^{*} Implements can be used singly or in pairs.
Flexicomb also available in 1.3m upon request.
Fine grooming rake also available in 1.2m/2.4m upon request.
Straight brush also available in 1.2m/2.4m upon request.

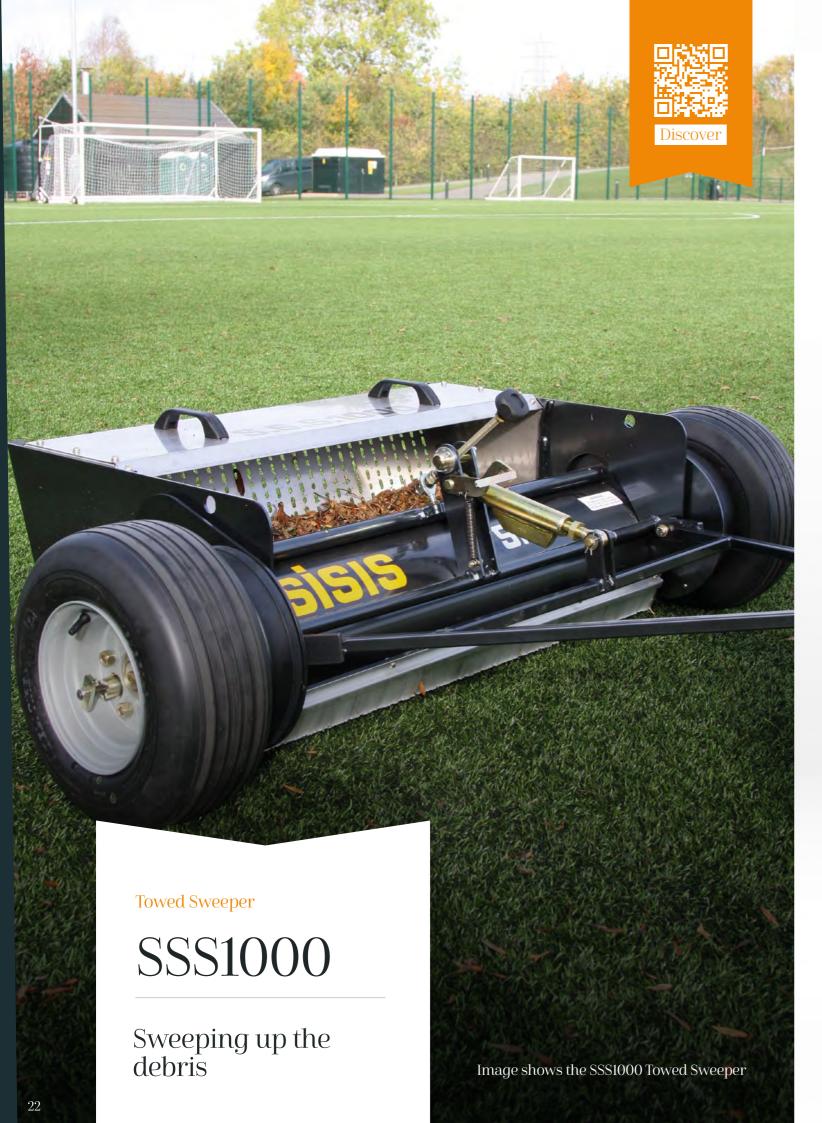


Towed frame with fine grooming rake and straight brush in action reducing compaction on rubber infill



Towed frame in the transport position

Discover the full specification and see the Rake & Brush Combinations in action at www.synprobysisis.com



Regular cleaning of synthetic surfaces is vital to avoid contamination of the surface and remove potentially harmful debris before play.

The SSS1000 sweeper features a spiral rotary brush. Debris is swept into a mesh hopper that allows pitch infill to be returned to the surface.

Sweeping will also pick up any loose fibres that may be common place in the early weeks after installation.

In action leaving a clean surface

Key Benefits

- Essential to remove organic debris before it contaminates the surface
- Important to remove any litter and potentially harmful debris before play
- Brush height is easily adjustable without tools
- Fast work rate helps to keep surfaces in play
- Adjustable drawbar which lifts upright for easy storage - ball or jaw hitch
- Wheel drive to the brush is disengaged by simple "pull & twist" clutch levers on each wheel for transport between sites
- Unique spiral brush design reduces vibration and ensures constant brush contact with the surface



Simple "pull & twist" clutch levers on each wheel to disengage wheel drive to the brush during transport

SSS1000

Code:	FS1079Y
Working width:	1000mm (1m/40")
Power unit requirement:	12hp minimum



Brush height is easily adjustable without tools



Easy-to-remove hopper and unwanted debris

Discover the full specification and see the SSS1000 in action at www.synprobysisis.com



A compact sweeper for efficient collection of unwanted debris from sand filled or rubber crumb synthetic surfaces.

With its spiral design brush helping to stand up the pile and improve collection, and a large capacity mesh hopper collecting debris but allowing infill to be returned to the surface, the Litamina 1200 is ideal for helping to keep surfaces free of contamination and harmful debris



Collecting debris and enhancing presentation

Key Benefits

- > Essential to remove organic debris before it contaminates the surface
- Important to remove any litter and potentially harmful debris before play
- Standard cat 1, 3point linkage, pto drive
- Hydraulic tip facility for easy emptying
- "No tools required" simple brush adjustment
- Large capacity mesh hopper which allows infill to be returned to the surface



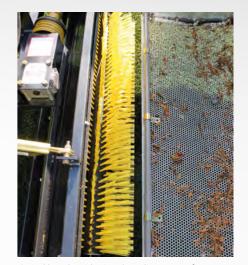
Debris collected and no infill

Litamina 1200

Code:	FS1072Y
Working width:	1200mm (1.2m/48")
Tractor power requirement:	25hp minimum



Hydraulic tip facility for easy emptying



Spiral brush with simple adjustment for increase/decrease ground engagement

Discover the full specification and see the Litamina 1200 in action at www.synprobysisis.com



Whether it is across the whole of the surface or localized areas, infill levels can be reduced to a level where a top up of sand or rubber crumb is required. The Powaspred is a tractor mounted dresser capable of spreading either infill at the desired rate with an even consistent spread.

Key Benefits

- Ideal for spreading sand or rubber crumb infill
- Handles sand based dressings even when damp
- Infinitely variable spreading rates
- Incorporates oscillating base plate to reduce bridging
- Rotating brush at point of discharge to ensure even spread
- Cable controls for material shut off from tractor

nn r



POWASPRED



Infinitely variable spreading rate control lever

Powaspred

Code:	FS0780Y
Working width:	1270mm (1.27m/51")
Tractor power requirement:	15hp minimum



Cable control for material shut off



Four wheel axle gives even weight

Discover the full specification and see the Powaspred in action at www.synprobysisis.com



Designed for use on either sand or rubber filled surfaces, the SVR 1500 is ideal for deep cleaning and aiding decompaction.

The large diameter rotating brush lifts the contaminated infill and passes it through an airstream whereby the process separates initially the fine dust particles and then the larger coarse debris before returning the 'cleaned' infill back to the surface where it is brushed back into the pile. The process helps to decompact surfaces, allow water to permeate through, reduce bacteria, algae and moss and reduce the risk of player injury.



Removable sections with large debris

Key Benefits

- Provides maintenance cleaning, intensive cleaning, decompaction and surface rejuvenation
- > Includes stabilizing wheels
- > Rear brush for presentation
- Easy to use hand wheel for working depth adjustment
- **Easy to remove filter sections**
- **>** Easy to manoeuvre
- Fast operation
- Choice of sieves –
 3mm/5mm (standard)/8mm



Easy to remove filter sections that contain fine dust particles

SVR 1500

Code:	FS1286
Working width:	1500mm (1.5m/60")
Tractor power requirement:	30-35hp minimum



Easy to use hand wheel for working depth adjustment



Rear brush for presentation

Discover the full specification and see the SVR 1500 in action at www.synprobysisis.com



Hand Tools Drag Brush

Ideal for standing up the pile, moving infill and presentation.

Code:	FS1166Y	FS1248Y
Working width:	1800mm (1.8m/72")	2400mm (2.4m/96")



Hand Tools Drag Mat

Perfect for routine surface maintenance.

Code:	FS1036Y	FS1242Y	
Working width:	1.35m wide x 1.2m	1.8m wide x 1.2m	



Tractor Mounted Triangular Brush

Ideal for standing up the pile, brushing surface infill to an even and level finish and an eye-catching presentation. Easy to assemble and dismantle into three sections for ease of transportation and storage.

Code:	FS1265Y
Working width:	1800mm (1.8m/72")



Hand Tools Truspred

Ideal for spreading infill over small areas.

Code:	FS1174Y
Working width:	900mm (0.9m/36")

//////// Discover the full specification at www.synprobysisis.com



DENNIS SISIS

Built with experience

For over 90 years SISIS has been designing and manufacturing turf maintenance equipment for natural and synthetic surfaces.

Now part of the Howardson group alongside truly comprehensive range of British manufactured vital ingredient: EXPERIENCE.

our products but also on the high level of customer and technical support provided by our experienced field and office based teams and our professional



To find out more about the SISIS and Dennis range of products or to request a catalogue









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