

# Syn-Pro by **sisis**



Expert Surfaces

## Welcome to the Syn-Pro catalogue

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...

#### WATER

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

#### SAND-DRESSED

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

#### 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.



# Syn-Pro by **sisis**

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BRUSHES

RAKES

SWEEPERS

DRESSERS

CLEANER

HAND TOOLS



IMAGE SHOWS OSCA 3

## Tractor Mounted Powered Brush

# Osca 3

### Dual purpose system for unrivalled performance

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.

#### OSCA 3 1.8m WIDE

Code: **FS0958Y**

Working width: 1900mm  
(1.9m/76")

Tractor power requirement: 18hp minimum

Includes storage frame

#### OPTIONAL EXTRAS

Description Code

**Twin implement extension arms** **FS1123Y**

**1.8m Straight brush** **FS0765Y**

**FULL SPECIFICATION AVAILABLE ON**  
**[www.synprobysis.com](http://www.synprobysis.com)**



*In action during the brushing process and leaving the final finish*



#### TWIN PLAY EXTENSION ARMS

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



#### 1.8M STRAIGHT BRUSH

*A straight brush added to the system will help to enhance the final finish*



#### TRANSPORT TROLLEY

*Storage trolley for ease of movement, handling and storage*

#### KEY NOTES:

- 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



VARIBRUSH WITH MANUAL LIFT

## Tractor Mounted Brushes

# Varibrush

### Maximising efficiency and brushing effect

Designed for fast effective brushing, the Varibrush has four rows of brushes to maximise efficiency. It is essential to brush a synthetic surface on a regular basis in different directions to keep the infill mobile and to maintain consistent levels throughout the pitch.

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.

#### 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

**FULL SPECIFICATION AVAILABLE ON**  
**[www.synprobysis.com](http://www.synprobysis.com)**



*In action standing up the pile and moving the infill*



*Manual lift arm*



*Adjustable drawbar for towing height*

#### KEY NOTES:

- 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



IMAGE SHOWS TWINPLAY FRAME WITH FLEXICOMB AND STRAIGHT BRUSH



## Tractor Mounted Brush Combinations

# Versatile Combinations

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)** **FS1237Y**

**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

**FULL SPECIFICATION AVAILABLE ON**  
[www.synprobysis.com](http://www.synprobysis.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 infill



IMAGE SHOWS TOWED FRAME AND EXTENSION ARMS WITH ZIG ZAG BRUSH AND STRAIGHT BRUSH

## Towed Brush Combinations

# Versatile Combinations

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.

### TOWED BRUSH COMBINATIONS

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\*

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

**FULL SPECIFICATION AVAILABLE ON  
[www.synprobysis.com](http://www.synprobysis.com)**



*Flexicomb and brush combination ideal for rubber crumb or sand infill*



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



*Towed frame with manual lift*



*Twin implement extension arms*



RIDE ON BRUSH-PRO

## Ride-on Brush System

# Brush-Pro

### The two-in-one brushing system

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.

#### BRUSH-PRO

Code: **FS1235Y**

Working width:

Oscillating brush 1500mm (1.5m/60")

Rear brush 3000mm (3.0m/120")

Engine Honda GXV390

FULL SPECIFICATION AVAILABLE ON  
[www.synprobysisis.com](http://www.synprobysisis.com)



*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*

#### KEY NOTES:

- Hydrostatic drive for forward/reverse
- 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



IMAGE SHOWS TWINPLAY FRAME WITH FINE GROOMING RAKE AND STRAIGHT BRUSH

# Tractor Mounted Rake and Brush Combinations

## Simple in operation with impressive performance

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.

### TRACTOR MOUNTED RAKE AND BRUSH COMBINATIONS

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

Tractor power requirement: 15hp minimum

Description	Code
<b>Singleplay frame</b>	<b>FS0870Y</b>
<b>Twinplay frame (complete)</b>	<b>FS1237Y</b>
<b>Twin implement extension arms</b>	<b>FS1123Y</b>

### IMPLEMENTS\*

Description	Code
<b>1.8m Flexicomb</b>	<b>FS1134Y</b>
<b>1.8m Fine grooming rake</b>	<b>FS1075Y</b>
<b>1.8m Straight brush</b>	<b>FS0765Y</b>

\* 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

**FULL SPECIFICATION AVAILABLE ON [www.synprobysis.com](http://www.synprobysis.com)**



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



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



IMAGE SHOWS TOWED FRAME AND EXTENSION ARMS WITH FLEXICOMB AND STRAIGHT BRUSH



# Towed Rake and Brush Combinations

## Proven combinations give impressive performance

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.

### 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** **FS1238Y**

**Twin implement extension arms** **FS1123Y**

### 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*

**FULL SPECIFICATION AVAILABLE ON [www.synprobysis.com](http://www.synprobysis.com)**



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



Towed frame with flexicomb and straight brush. The crossbar can be adjusted to shorten or lengthen the bristles for rubber crumb or sand infill



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



Towed frame in the transport position



SSS1000 TOWED SWEEPER

## Tractor Mounted Sweeper

# SSS1000

### Sweeping up the debris

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.

#### SSS1000

Code: **FS1079Y**

Working width: 1000mm  
(1m/40")

Power unit requirement: 12hp minimum

**FULL SPECIFICATION AVAILABLE ON**  
[www.synprobysis.com](http://www.synprobysis.com)



*In action leaving a clean surface*



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



*Brush height is easily adjustable without tools*

#### KEY NOTES:

- 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



*Easy-to-remove hopper and unwanted debris*



LITAMINA 1200 WITH MESH HOPPER

## Tractor Mounted Sweeper

# Litamina 1200

### Proven design for efficient collection

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.

#### LITAMINA 1200

Code: **FS1072Y**

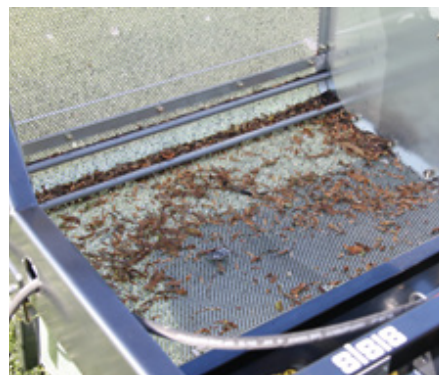
Working width: 1200mm  
(1.2m/48")

Tractor power requirement: 25hp minimum

FULL SPECIFICATION AVAILABLE ON  
[www.synprobyssis.com](http://www.synprobyssis.com)



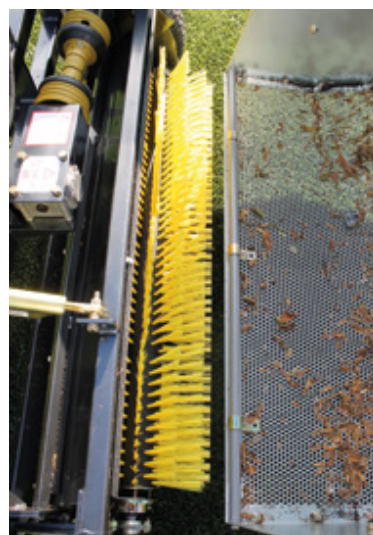
*Collecting debris and enhancing presentation*



*Debris collected and no infill*



*Hydraulic tip facility for easy emptying*



*Spiral brush with simple adjustment for increase/decrease ground engagement*

#### KEY NOTES:

- 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



**SISIS POWASPRED**

POWASPRED

## Tractor Mounted Dresser

# Powaspred

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.

### POWASPRED

Code: **FS0780Y**

Working width: 1270mm  
(1.27m/51")

Tractor power requirement: 15hp minimum

FULL SPECIFICATION AVAILABLE ON  
[www.synprobysis.com](http://www.synprobysis.com)



Rotating brush at point of discharge ensures even spread



Infinitely variable spreading rate control lever



Cable control for material shut off



Four wheel axle gives even weight

#### KEY NOTES:

- 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



SVR 1500 DEEP CLEANER



## Tractor Mounted Turf Cleaner

# SVR 1500

### The two-in-one deep cleaning and decompaction machine

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.

#### SVR 1500

Code: **FS1286**

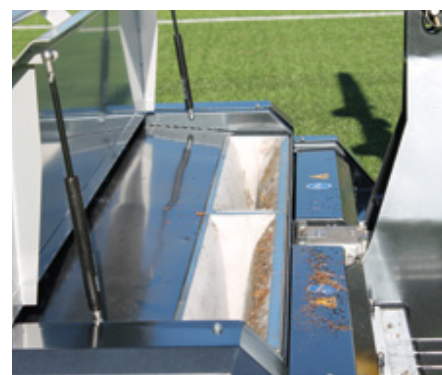
Working width: 1500mm  
(1.5m/60")

Tractor power requirement: 20hp minimum

FULL SPECIFICATION AVAILABLE ON  
[www.synprobysis.com](http://www.synprobysis.com)



Removable sections with large debris



Easy to remove filter sections that contain fine dust particles



Easy to use hand wheel for working depth adjustment



Rear brush for presentation

#### KEY NOTES:

- 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

## 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 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")



## Drag Mat

Perfect for routine surface maintenance.

Code: **FS1036Y** **FS1242Y**

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



## Truspred

Ideal for spreading infill over small areas.

Code: **FS1174Y**

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

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

# Built with experience

For over 80 years SISIS has been designing and manufacturing turf maintenance equipment for natural and synthetic surfaces.

Now part of the Howardson group alongside Dennis, the three product portfolios provide groundsman, greenkeepers and gardeners with a truly comprehensive range of British manufactured high quality products, built and designed with a vital ingredient: EXPERIENCE.

Our reputation is built not only on the quality of 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 dealership network.

We provide a two year 'peace of mind' warranty.

To find out more about the SISIS and Dennis range of products or to request a catalogue telephone + 44 (0) 1332 824777 or visit [www.dennisuk.com](http://www.dennisuk.com) / [www.sisis.com](http://www.sisis.com).

**DENNIS**

**sisis**



## Expert Surfaces

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BRITISH

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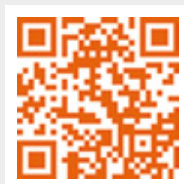
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E&EO