



PITCH AND TRACK
ENSURING SAFETY AND PERFORMANCE

MAINTENANCE, REFURBISHMENT AND RECYCLING

www.sportsmaintenance.com

INTRODUCTION

With over 15 years of experience, Sports Maintenance Services is a premier service provider to the sports and leisure industry. We provide maintenance and refurbishment services for all types of hard and synthetic sports surfaces. We work throughout the UK and our client list ranges from premiership football clubs to leisure/sports centres, schools and local authorities.

We also offer a recycling and reclamation service for synthetics. This process is fully audited and avoids landfill - giving a green solution to pitch disposal.

We offer a complimentary site survey to all our new clients and we provide fully integrated maintenance packages that include Independent Health and Safety Certification to governing body standards.

Benefits of Professional Maintenance

- Ensures product performance.
- Significant savings. Avoidance of repairs and rejuvenations.
- Extended product life cycle.
- Safety for end users.
- Highly skilled operatives with installation and repair expertise.
- Professional application of chemical treatments. (COSHH)
- Specialist decompaction and service cleaning equipment.
- Fixed price integrated maintenance and testing packages.
- Official documentation for health and safety / risk management.



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THE RIGHT MAINTENANCE COMPANY

When choosing a maintenance company it is important to establish the 'machine time' a company will spend on your sports surface and the equipment they will use.

Sports Maintenance Services stand out from the competition for the following reasons: -

- FREE site survey.
- We spend a minimum of 4 hours of machine time on a full size pitch.
- We only use specialist decompaction equipment with a 12 year track record.
- We decompact the WHOLE pitch in a transverse direction with two passes at different angles.
- No hydraulic rakes are used, as these accelerate wear and stress the carpet.
- We do not use vacuum equipment on wet and damp playing surfaces – as that is ineffective.
- We tailor maintenance packages to suit your needs and levels of use.
- Minor repairs are undertaken during our on-site maintenance visits.

Official BS EN testing for recreational use is offered as standard on all our maintenance packages.

We also offer official FA / FIFA / FIH / ITF and WR testing upgrades, linked to competitive use.

Annual Professional Service Levels

- Bi-Annual - 2 visits (within a 12 month period)
- Quarterly - 4 visits (within a 12 month period)
- Bi-Monthly - 6 visits (within a 12 month period)
- Monthly - 12 visits (within a 12 month period)



"Our philosophy is about extending the life expectancy of your sports surface, helping you avoid any unnecessary repair bills"

www.sportsmaintenance.com

REGULATED TESTING

Sports Maintenance Services ensures that all of our work is tested and certified by an Official UKAS ISO 17025 accredited testing house.

UKAS accredited testing houses are adopted by governing bodies such as FIFA, FA, FIH, ITF and WR in order to certify that surfaces are fit for purpose.

Following Sports England guidelines, artificial sports surfaces used for **recreational purposes** should be tested and certified to BS EN 15330.

An Official UKAS accredited testing house will visit your site after we have completed our maintenance visit(s) in order to certify your pitch in line with governing body requirements and a full test report will be issued accordingly. This service is INCLUDED IN ALL OF OUR MAINTENANCE PACKAGES to ensure H&S compliance.



Official test reports are issued in both PDF and paper format. UKAS certification benefits all from both safety and insurance perspectives.

SITE SURVEY / PROBLEM SOLVING

Our company offers a complimentary site survey to all our new customers.

1. Infill Levels

Infill levels are inspected as incorrect infill levels can cause loss of traction and contribute to pile collapse. This will cause irreversible damage to carpet fibres and impact performance characteristics.

2. Surface Levels

These are inspected and we would highlight any trip hazards or subsidence areas that would be of a health and safety concern. We are able to perform sub-base and shock pad repairs to a variety of common hard surface problems.

3. Porosity

Inspection for signs of 'ponding' and silt residues, which can occur after inappropriate maintenance. As the surface will only be playable on fair weather days, the interruption to scheduled games will contribute to client dissatisfaction and loss of revenue.

4. Compaction

Compression of infill through intensive use. Compaction is a key factor in reduced drainage and causes detrimental play characteristics.

5. Moss and Algae

This can look unsightly and can create slippery areas, that may lead to accidents. It can also compromise the structural integrity of the surface.

6. Pile Height for Synthetic Carpets

This gives information on how much life there is left within the carpet and in key wear areas.

7. Flood Damage

Sports surfaces can be badly affected by flood water and a planned approach to clean up is required to maintain safety and the long term use of the facility.



"Sports Maintenance is a company who can respond quickly and assist Sports Clubs in a variety of different ways"

CORRECT MAINTENANCE FOR SYNTHETIC SURFACES

Brushing a surface will only agitate infills to depths of 3mm and brushing alone does not alleviate compaction or improve surface performance.

Our specialist decompaction and surface cleaning equipment, developed in the UK, breaks up and aerates infills to depths of 10-30mm. It addresses the following two problems.

1. Infill Compaction

Compaction occurs as a result of the infill compressing itself into the carpet due to heavy use, light brushing or a lack of professional maintenance. This will cause pile collapse and irreversible damage to carpet fibres. Infill compaction results in poor drainage, poor traction and dangerously fast playing characteristics.

2. Infill Contamination

Over time, microns of plastic carpet break off and debris from surrounding vegetation, atmospheric dust and dirt from players footwear all mix with the infill. If no action is taken the result is reduced drainage. All weather capabilities are lost and the surface becomes dangerous.

REFURBISHMENT

For surfaces that have been incorrectly maintained or neglected and are now unsafe, we offer the following levels of refurbishment.

1. Full rejuvenation.
2. Hydrovac rejuvenations.
3. Partial rejuvenation.
4. One off deep cleaning visit.
5. Top dressing of infill.
6. Carpet replacement in heavy wear areas.



Service Levels

The frequency of our service levels depends upon the intensity of use and the age of the surface.

- **Bi-Annual - 2 visits** (within a 12 month period)
- **Quarterly - 4 visits** (within a 12 month period)
- **Bi-Monthly - 6 visits** (within a 12 month period)
- **Monthly - 12 visits** (within a 12 month period)

PITCH / MULTI-USE

SAND FILLED

Correct maintenance procedures will extend the life of sand filled carpets by more than 30% and will ensure safe and consistent play qualities.

Inappropriate maintenance linked to the use of drag brushing or rotary brushing alone will lead to expensive rejuvenation costs. It will also be detrimental to performance characteristics - such surfaces will fall outside governing body standards and will suffer drainage issues.

Decompaction

Our specialist decompaction equipment penetrates the carpet pile to depths of 5mm-10mm, fully releasing compacted infills, ground-in organic matter and worn fibres. The process is undertaken over the whole surface and in a transverse directional pattern. Unlike the use of hydraulic rakes, this process does not stress seams or inlaid lines thus ensuring a longer life span for your carpet system.

Infill and Carpet Cleaning

Our professional high speed rotary brushing equipment removes worn fibres through sieve agitation and ground-in organic fibres through vacuum extraction. This process is undertaken over the whole surface and in a transverse directional pattern, so preserving the drainage and all-weather capabilities of the playing surface.

Infill Levels

All sand filled carpets will need to have infill levels re-regulated due to pile contraction caused by wear. With the use of our specialist equipment, excess infills are graded off, ensuring a 2mm-3mm infill clearance level. The removal of excess is essential. For the facility owner it increases the life span of the carpet and from a health and safety perspective it ensures good traction/grip for end users.

Integrated Testing

For recreational multi use we direct clients to official BS EN 15330 testing on an annual basis. This will cover H&S and insurance issues linked to fitness for purpose. This is integrated into all our maintenance packages.

Recommended Service Levels

Depending upon the age of the surface, intensity of use and level of in house maintenance we would recommend the following professional maintenance packages; Bi-annual and Quarterly.

Chemical treatments and carpet repairs are integrated into all our maintenance packages.



PITCH / FOOTBALL / RUGBY

RUBBER FILLED 3G

Correct maintenance procedures will extend the life of rubber filled carpets by more than 30% and will ensure safe and consistent play qualities.

Inappropriate maintenance linked to the use of drag brushing or rotary brushing alone will lead to expensive rejuvenation costs. It will also be detrimental to performance characteristics - such surfaces will fall outside governing body standards and will suffer drainage issues.

Decompaction

Our specialist decompaction equipment penetrates the carpet pile to depths of 20mm-30mm fully releasing compacted infills and ground -in organic matter and worn fibres. This process is undertaken over the whole surface and in a transverse directional pattern. Unlike the use of hydraulic rakes, this process does not stress seams and inlaid lines thus ensuring a longer life span for your carpet system.

Infill and Carpet Cleaning

Our professional high speed rotary brushing equipment removes worn fibres through sieve agitation and ground-in organic fibres through vacuum extraction. This process is undertaken over the whole surface and in a transverse directional pattern, so preserving drainage and all-weather capabilities of the playing surface.

Infill Levels

Due to the light weight of rubber infills and the open structure of 3G carpets, rubber infill levels need to be re-regulated and replenished due to migration and displacement. Additional rubber infills are required to avoid damaging the carpet, accelerating wear and reducing life expectancy. Minor top dressing of additional rubber is assessed on an annual basis.

Integrated Testing

For recreational multi use - we direct clients to official BS EN 15330 testing on an annual basis. This will cover H&S and insurance issues linked to fitness for purpose. This test is integrated into all our maintenance packages as standard.

For competitive use - we direct clients to official FA, FIFA or WR testing. This will cover H&S and insurance issues linked to fitness for purpose. These competitive tests are integrated into our maintenance packages on request.

Recommended Service Levels

Depending upon the age of the surface, intensity of use and level of in house maintenance we would direct you to the following professional maintenance packages; Bi-annual, Quarterly, Bi-monthly, Monthly.

Chemical treatments and carpet repairs are integrated into all our maintenance packages.



Penalty Spot Repairs



Inlaid Line Service



*Sieve and filter cleaning of carpet fibres.
SMS equipment is designed to penetrate and aerate rubber filled carpets to a depth of 30 mm in both damp and dry conditions.*

PITCH / MULTI-USE

SAND DRESSED

Correct maintenance procedures linked to decompaction and surface cleaning will extend the life of sand filled carpets by more than 30% and will ensure safe and consistent play qualities.

Inappropriate maintenance linked to the use of drag brushing or rotary brushing alone will lead to expensive rejuvenation costs. It will also be detrimental to performance characteristics – such surfaces will fall outside governing body standards and will suffer drainage issues.

Decompaction

Our specialist decompaction equipment penetrates the carpet pile to depths of 5mm-10mm, fully releasing compacted infills, ground-in organic matter and worn fibres. The process is undertaken over the whole surface and in a transverse directional pattern. Unlike the use of hydraulic rakes, this process does not stress seams and inlaid lines thus ensuring a longer life span for your carpet system.

Infill and Carpet Cleaning

Our specialist high speed rotary brushing equipment will pass over the surface removing worn fibres through sieve agitation and ground-in organic fibres through vacuum extraction. This process would be undertaken over the whole surface and in a transverse directional pattern so preserving drainage and all-weather capabilities of the playing surface.

Infill Levels

Silica infills main purpose is for ballast so as to prevent carpet movement due to carpet pile density and weight. Silica infill levels may need attention in short corner locations due to migration caused by hockey stick swipe action. Over time light top dressing may be required due to wear and carpet movement. Minor top dressing is assessed on an annual basis.

Integrated Testing

For recreational multi use - we direct clients to official BS EN 15330 testing on an annual basis. This will cover H&S and insurance issues linked to fitness for purpose. This is integrated into all our maintenance packages as standard.

For competitive use - we direct clients to official FIH testing. This will cover H&S and insurance issues linked to fitness for purpose. This competitive test is integrated into our maintenance packages on request.

Recommended Service Levels

Depending upon the age of the surface, intensity of use and level of in house maintenance we would direct you to the following professional maintenance packages; Bi-annual and Quarterly.

Chemical treatments and carpet repairs are integrated into all our maintenance packages.



Hydraulic Powered

Decompactor Unit

Collection & Vacuum Unit

PITCH / ELITE HOCKEY

WATER BASED

To keep water filled surfaces in optimum condition in terms of safety and play characteristics it is imperative to control and monitor the following:

Algae Contamination

This can be controlled through the use of proven European chemicals. Chemicals can be applied directly to the surface or we can supply you with chemicals to use in your irrigation systems.

Revitalisation of Carpet

The Horger SKR removes infill waste/contamination through a process of high speed brushing, high pressure water jet cleaning and vacuum extraction of waste from deep within the carpet pile. The waste material is disposed of on site. This procedure should be undertaken on an annual basis.

Integrated Testing

FIH testing upgrade for competitive use as part of the fixed maintenance package.

Recommended Service Levels

Annual service - once a year.



REJUVENATION

Over time inappropriate maintenance procedures or neglect will result in a playing surface loosing all weather playing capabilities.

If your synthetic playing surface is showing signs of poor drainage then rejuvenation or partial rejuvenation may be required. The signs are as follows:

- The appearance of numerous and persistent puddles after light rainfall.
- Slimy residues appearing on the playing surface after surface waters have subsided.
- Infill waste spreading to the outside of the playing surface after heavy rainfall.
- The surface becoming dangerously slippery, especially in wet conditions.

All the above impact upon health and safety requirements. As the surface will only be playable on fair weather days, the interruption to scheduled games will contribute to client dissatisfaction and loss of revenue.

REJUVENATION PROCESS

1. Surface detritus and vegetation is removed from the playing surface.
2. Specialist decompaction machinery releases compacted infill
3. Specialist extraction equipment removes all contaminated infill from the synthetic carpet.
4. Contaminated infill is removed from site in one tonne bags.
5. Dressing and leveling of new infill to appropriate pile height levels.

Once the playing surface has been rejuvenated we will offer a professional maintenance programme. This will ensure that the all weather capabilities of the surface are maintained.



ATHLETICS

To ensure track certification and safe running qualities with good traction, we recommend that all athletic tracks be cleaned and chemically treated on an annual basis.

We use Europe's leading athletic track cleaner, the Horger KBR. The Horger KBR has the ability to switch between a light cleaning rotary setting and a deep cleaning wet vacuum setting.

The results are dramatic and the outcome is greater track safety, improved traction and surface performance characteristics.

Refurbishment

We also offer a full track refurbishment service that includes re-texturing and remarking of the track plus rubber repairs.

Integrated Testing

BS EN slip test on track.

Recommended Service Levels

Annual service - one visit within a 12 month period.



MULTI-USE / TENNIS / NETBALL HARD SURFACE

Chemical Treatment and Pressure Cleaning

Moss and algae create slippery areas that can lead to accidents. We eliminate this through chemical treatments and high pressure jet cleaning.

Re-texturing and Line Marking

We only use SAPCA approved paint. On old sports surfaces we also apply resin binders. We offer a variety of colour combinations. SAPCA approved coatings improve traction to provide greater safety to players and offer a protective coating which will extend the life of the hard surface.

Repairs

Our repair service includes: Infra ray heat treatments for cracks and small holes, disk cutting, levelling of subsidence areas and patch repairs.

Integrated Testing

BS EN slip test.

For competitive use – testing to governing body standards, linked to netball and tennis.

Recommended Service Levels

Depending upon age of the surface, intensity of use and level of in-house maintenance we would direct you to the following professional maintenance packages; Bi-annual and Quarterly.



*"Completed a revamp of our old tennis courts
at Morton Hall School - Brilliant results", J Wilson*

RECYCLING / RECLAMATION

Middlesborough College Case Study

Facts: Reclamation: 7,000 m²

Reinstallation 7,000 m² of same carpet

Saving: 50% on new

A sub base-damaged All Weather Pitch that seemed destined for landfill was rescued thanks to a ground-breaking project – the first of its kind in the UK.

The pioneering approach by Xtraction and Sports Maintenance saved Middlesbrough College and its insurers a considerable sum of money and reinforced good corporate governance regarding environmental sustainability. The company described the reclamation and reinstallation of the 7,000m² pitch as a model example of sustainability in action, as important for its low-carbon footprint as it was for its cost savings to the client.

Our green solution managed to prevent waste and eliminate carbon emissions throughout the entire supply chain within the synthetic turf industry. The monetary saving was impressive, but the real value was in the reuse of materials and the project's sustainability.



EQUIPMENT / ACCESSORIES

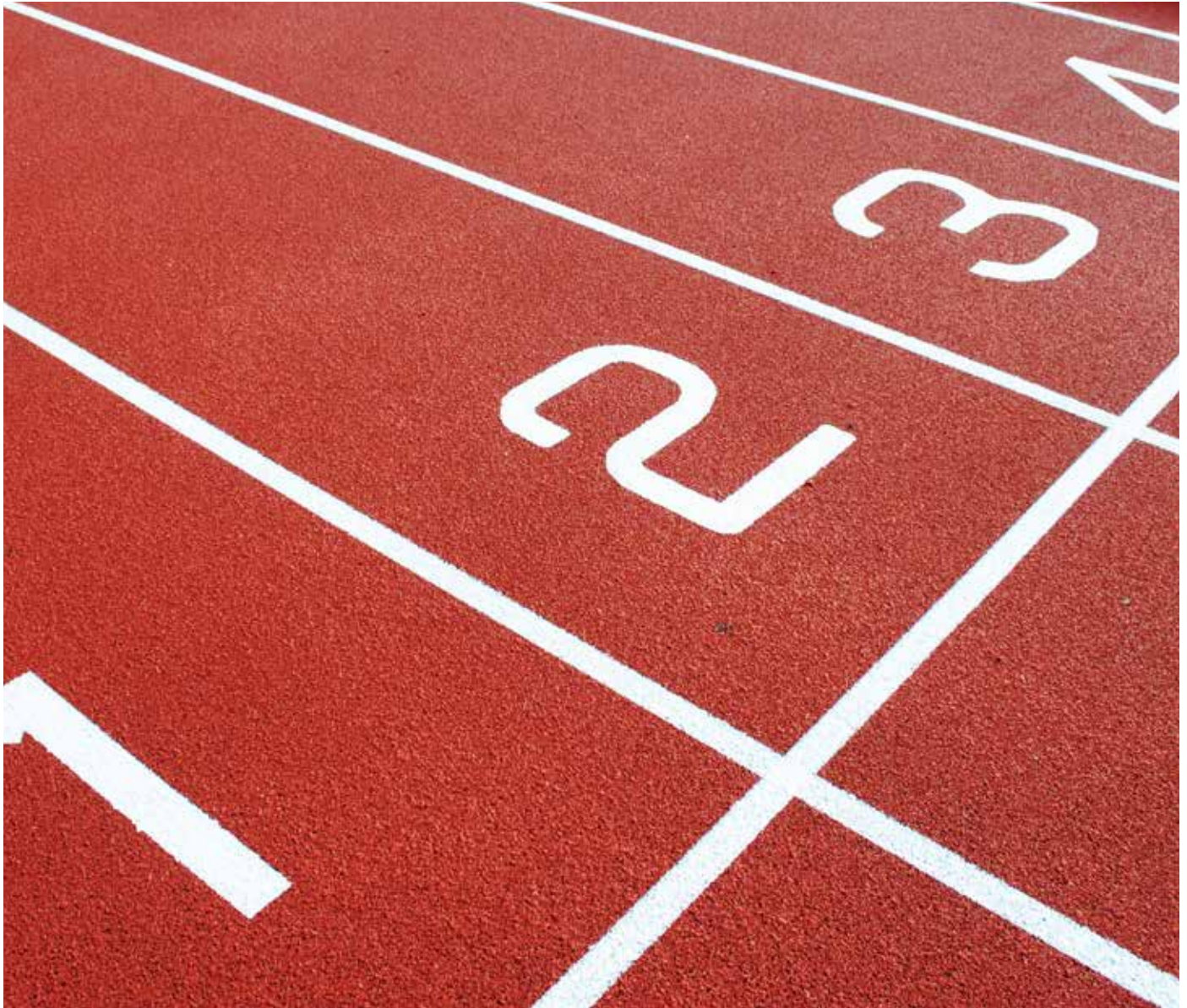
We offer the following items. Please contact our head office to discuss and order.

- **Quad Bikes.** Ideal for towing our accessory drag mat and drag brush.
- **Mini Decompaction Unit.** Portable unit with weight bars. Fully adjustable to pile depths of 30mm.
- **Rubber Drag Mat.** Levels infill over slightly uneven playing surfaces and should be used in conjunction with the heavy duty drag brush.
- **Heavy Duty Drag Brushes.** Essential investment for synthetic sports surfaces. Regular use maintains playing qualities in terms of traction, speed and consistency of play. The brush controls debris levels and aerates the surface infill.
- **Sports Infill.** Rubber and sand infill can be supplied per tonne bagged or loose. Please contact for full specifications.
- **PDV (Pure Dry Vacuum Salt).** Agent for defrosting pitches.
- **Glue and Tape.** For DIY repairs to seams and inlaid lines. Glue supplied in 5 or 10 litre containers with a binder component.
- **Paint.** SAPCA approved acrylic and polyurethane premium extra textured paints for hard surface courts and MUGAs
- **Accessories.** A range of pitch accessories and equipment: football netting, corner flags and goal posts.
- **Chemical Cleaning Agents**

FENCING

We offer a variety of fencing solutions for all sports and budgets.

- **Chainlink Fencing.** Ideal for ball retention for tennis, netball and basket ball.
- **Weldmesh.** Secure fencing around pitches. Guarantees the safety of spectators and participants.
- **Pitch Dividing Netting.** Allows full sized sports pitches to be subdivided into smaller areas. Nets are fully retractable when not in use, enabling full pitch play.
- **Spectator Railing**
- **Bespoke Fencing**



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