



TRACK



TURF

Introduction

Tobias Owegeser – CEO



passion for sports grounds

Global Leader

45 Years

For over 45 years SMG has been inventing, developing and producing machinery and special attachments that significantly facilitate and improve all steps of artificial track and turf installations and their maintenance.

The SMG equipment has been used successfully all over the world from the tropics to the arctic. SMG has, and will continue to provide the highest possible level of service to their customers worldwide.



Innovations

OUR INNOVATIONS ARE PIONEERING FOR THE BRANCH – SINCE 1975

Our aim from the beginning was to develop products that make the manufacturing and installation process more professional, faster and more economical.

Our equipment is designed with quality, ergonomics, economics and durability in mind. Any time over the years, there was a positive change in the equipment technology, SMG was the leader.



Innovations 2021



FSB 2021 NEUHEITEN

SMG bietet als Pionier auf dem Spezialgebiet Kunststoff-Sportbelag und Kunstrasen seit rund 45 Jahren ein einzigartiges Spektrum von Maschinen.



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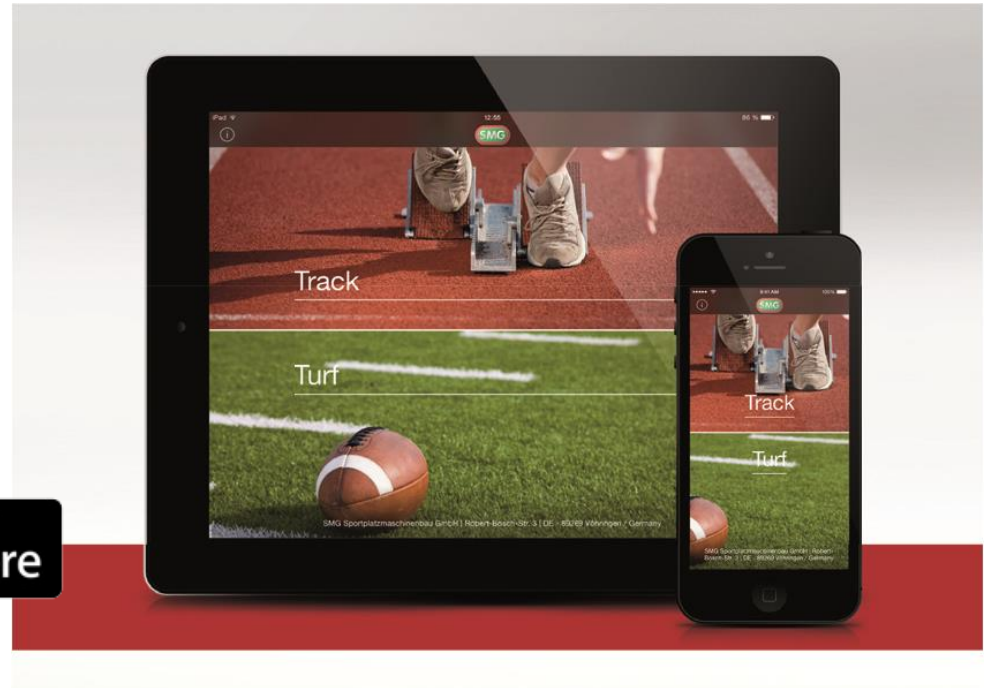


SMG Sportplatzmaschinenbau GmbH

THE FREE SMG APP

THIS APP GIVES AN OVERVIEW OF OUR ENTIRE PRODUCT RANGE OF MACHINES, TOOLS AND ACCESSORIES.

YOU MAY ALSO FIND DETAILED TECHNICAL INFORMATION AND OPERATION VIDEOS IN THIS APPLICATION



SMG Sportplatzmaschinenbau GmbH



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SMG worldwide

Vöhringen Iller Germany

is the city where the world leading manufacturer for high quality machinery and equipment, for installation and maintenance of synthetic sports surfaces resides.

Today SMG is well known and represented in the entire world



SMG Sportplatzmaschinenbau GmbH



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SMG Headquarters

SMG Headquarters Vöhringen Bavaria Germany

- 45 Year Family company with the passion for sports grounds
- 15.000 m² engineering, production, logistik and warehousing
- from A bis Z all under 1 roof
- one-stop-shop
- 100% „Made in Germany“



History

Since 1975 SMG has been dealing with the development of modern machinery for the installation of synthetic surfaces in the sports industry. Also for the maintenance of artificial turf or carpets with granule infilling SMG has already presented the world's first innovations since the 80s.

For about 45 years SMG has been offering a unique range of machinery. As a pioneer in the special sector „synthetic sports surfaces and artificial turf“ SMG disposes of recognized competence and experience since decades.

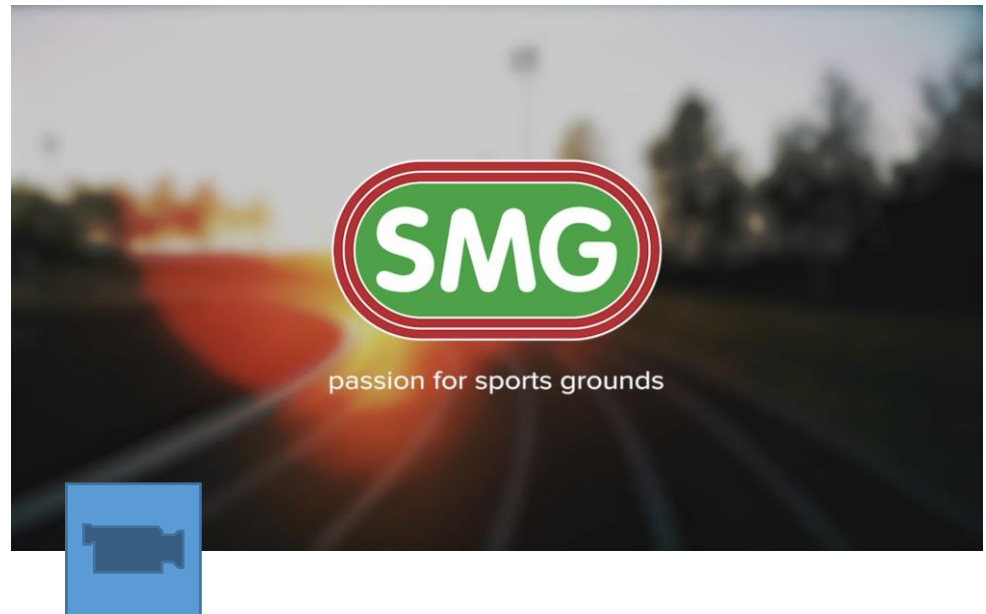
Ask us - we know what is possible.



SMG today

SMG develops and manufactures machines for the installation and maintenance of synthetic sports surfaces and artificial turf pitches. On a total area of 15.000 square meters our company produces solutions which are based on the market needs and easy to operate, powerful and approved since more than 45 years all over the world. From the beginnings till today our quality assurance ends in „Made in Germany“.

Made in Germany



Track

Machines for laying, cleaning, maintenance and reclamation of track surfaces

SMG manufactures customized construction machines for the professional installation of jointless, permanent elastic sports surfaces. Our mixing, paving as well as structural spraying machines are especially designed for the implementation of Insitu applications in indoor and outdoor areas. Projects ranging from standardized children's playgrounds up to an IAAF-certified athletic stadium are possible.



Turf

Machines for laying, cleaning, maintenance and reclamation of artificial turf pitches

Since nearly 40 years SMG has been developing and producing tools, devices and machines for the installation and maintaining of artificial turf. The product range varies from installation carts over cutting tools up to effective infill machines for sand and rubber granulate



Maintenance

The maintenance and cleaning features of the SMG machines meet the suggested maintenance guidelines of the grass suppliers, UEFA and FIFA.

In addition, most of the SMG machines can also perform the necessary basic and deep cleaning. SMG also has machines in its range for non-filled artificial turf systems.



Recommendation



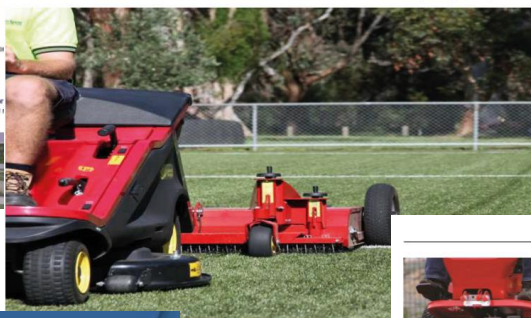
Turf Use, Maintenance and Turf Exhibition

Instructions for preventing damage

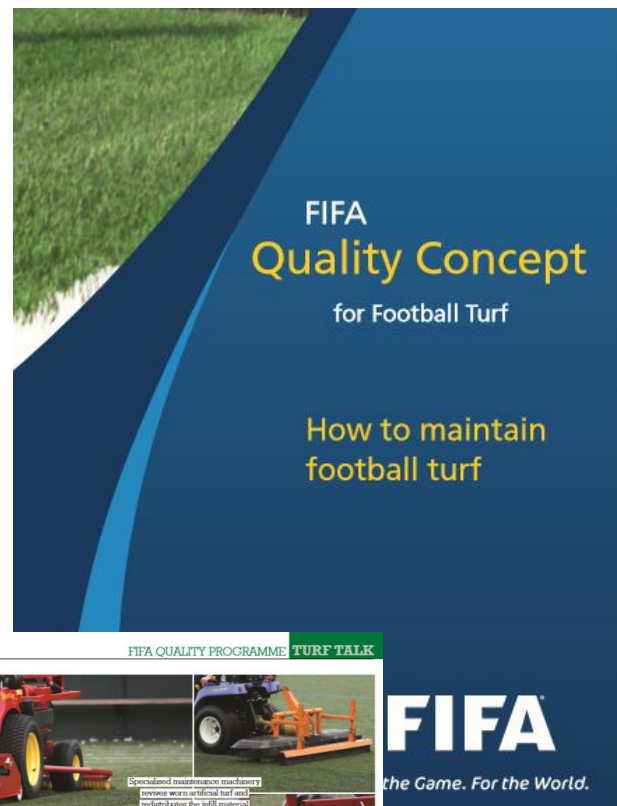
- Follow the aftercare and maintenance instructions of the turf supplier.
- When operating maintenance equipment on the surface, excessive braking, turning, et that could damage the synthetic turf fibres should be avoided.
- Do not drive on the pitch without the prior consent of the manufacturer.
- Do not apply any high static loads to the system.
- Proceed with care when clearing snow.
- Do not use any chemicals that may damage the surface.
- Do not light fires on the turf system.

Recommended maintenance equipment

- Drag brushes and drag mats and nets.
- Hand-held equipment such as a hand road-sweeping brush for brushing the infill mat into the turf system.
- High-pressure cleaner (wet cleaning with a pressure of approx. 200 bar).
- Manually-operated sweeping machines with an hourly capacity of around 1,000 m² or sweeping and suction machines, self-propelled, with an hourly capacity of up to 3,000 m².



THE SMART GUIDE TO MAINTAINING SYNTHETIC SPORTS TURF (Long Pile) 2018



FIFA Maintenance Research 2013

Results equipment suppliers

17.12.2013



Valuable asset: Through its Quality Programme, FIFA has carried out an investigation to discover the true value of effective turf maintenance



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SMG Sportplatzmaschinenbau GmbH

Test-Institutes

LABOSPORT

LABORATOIRE AGREE EN QUALITE DE CONTROLEUR TECHNIQUE

PAR LE MINISTERE DE L'AMENAGEMENT DU TERRITOIRE,
DE L'EQUIPEMENT ET DES TRANSPORTS.

STUDY OF THE CHARACTERISTIC OF
SPORTS SURFACES BEFORE AND AFTER
CLEANING

SYNTHETIC TURF

STADIUM R.DELEON IN LE MANS

STITUT FÜR SPORTBODENTECHNIK

r Consulting GmbH

IG Sportplatzmaschinenbau GmbH
bert-Bosch-Str. 3
39269 Vöhringen



Eschenz, 25th June 2013



INSTITUTO DE
BIOMECÁNICA
DE VALENCIA



SMG Sportplatzmaschinenbau GmbH

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machines for the maintenance of turf



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THE ART OF ARTIFICIAL TURF MAINTENANCE



**THE ART OF ARTIFICIAL
TURF MAINTENANCE**

RELEASE 2018



Routine & Advanced Maintenance

Our equipment to maintain artificial turf systems is separated in two different categories:

- Routine Maintenance
- Advanced Maintenance

Important:

Equipment of the higher category can do all the work of the lower category and also offers additional user benefits. Using SMG equipment means „smooth operating“: The simulation of a 10-year exposure to SMG care devices have shown no visually detectable changes of the pile fibres of a synthetic turf surface. · The FIFA guideline „Quality Concept for Football Turf“ is illustrated with machines and equipment from SMG, as well as the UEFA guideline „Turf Use & Maintenance“ and also the Australian „Smart Guide To Maintaining Synthetic Sports Turf“ of Smart Connection Consultancy and Alastair Cox Associates.



Routine & Advanced Maintenance

ROUTINE MAINTENANCE	ADVANCED MAINTENANCE
 <p data-bbox="542 576 846 605">Inspection of Lines / Seams</p>	 <p data-bbox="1161 576 1319 605">Decompacting</p>
 <p data-bbox="542 733 846 762">Top Cleaning of the Surface</p>	 <p data-bbox="1161 733 1464 762">Deep Cleaning / Vacuuming</p>
 <p data-bbox="542 891 938 919">Levelling / Redistribution of the Infill</p>	 <p data-bbox="1161 891 1275 919">Retopping</p>
 <p data-bbox="542 1048 774 1076">Brushing of the Fibre</p>	 <p data-bbox="1161 1048 1410 1076">Seasonal Maintenance</p>
	 <p data-bbox="1161 1205 1425 1233">Treatment against moss</p>

Routine Maintenance

Soft ground driven rotary brushes and adjustable sieves are the features of the Routine Maintenance equipment range. Picked up infill material is cleaned from debris and is returned evenly. A constant amount of infill material in the sieve tray is the keypoint of the redistribution process and ensures a perfectly levelled pitch

Attention:

Beside the usage of the Routine Maintenance equipment it is highly recommended to contact your installer or service contractor for the Advanced Maintenance.

Advanced Maintenance

Powered rotary brushes, adjustable sieves and vacuum turbines are the features of the Advanced Maintenance equipment range. Picked up infill material is cleaned from dust and debris and is returned evenly. Besides the redistribution and the levelling of the infill, decompacting and retopping with manual or attached spreaders complete the program.

Maintenance !!! Why ???

- higher safety for players
- better playing performance of the field
- attractive field conditions
- longer lifetime of the field

surface debris & conditions



surface debris & contamination



surface debris & contamination



surface debris & contamination



infill levels & distribution



infill levels & distribution



compaction and hardening



compaction and hardening



wear & tear



How to maintain artificial turf ?

According to FIFA, ESTO, ASBA, STC ... SUPPLIERS

FieldOwner:

- dirt collection
- drag brushing

Specialist:

- Repairs
- Deep Cleaning
- Infill Levelling / Retopping
- Decompaction
- Line Marking

How to maintain artificial turf ?

According to FIFA, ESTO, ASBA, STC ... SUPPLIERS

FieldOwner:	- dirt collection	recommended 1 time per week
	- drag brushing	recommended 1 time per week
Specialist:	- Repairs	on demand
	- Deep Cleaning	2 times per year
	- Infill Levelling / Retopping	2 times per year
	- Decompaction	2 times per year
	- Line Marking	on demand

How to maintain artificial turf ?

According to FIFA, ESTO, ASBA, STC ... SUPPLIERS

FieldOwner:

- dirt collection
- drag brushing

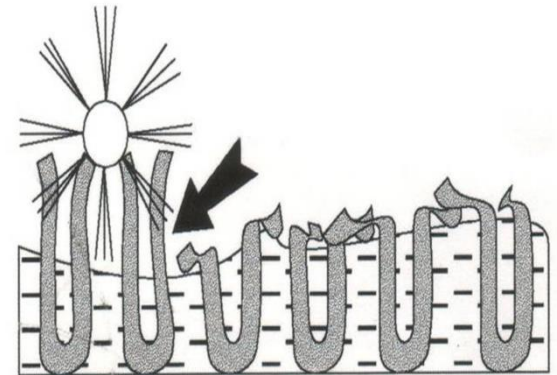
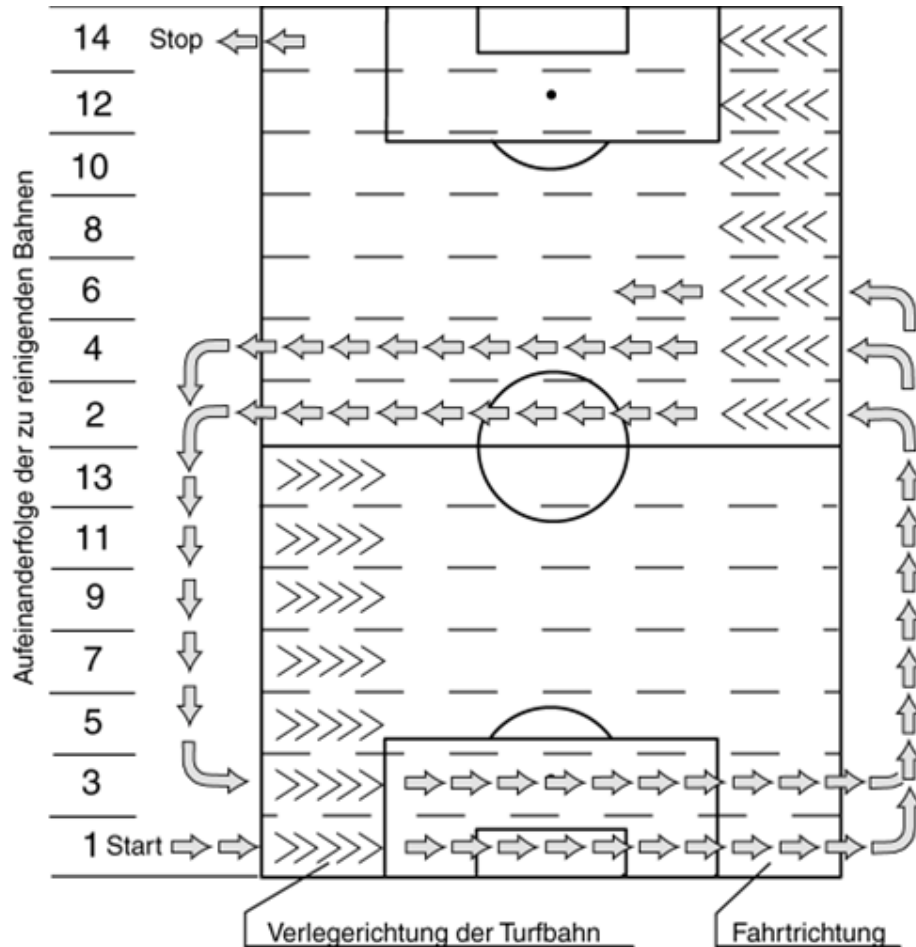


Specialist:

- Repairs
- Deep Cleaning
- Infill Levelling / Retopping
- Decompaction
- Line Marking



Redistribution of Infilling material



in action



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in action



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Thank you for your attention.



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