

BUILDING SPORTS SURFACES

SMG has the capability to lay and renovate elastic sports surfaces for all types of venues.

SMG manufactures customised construction machines for the professional installation of jointless, permanent elastic sports surfaces.

The company's mixing, paving as well as structural spraying machines are specifically designed for the implementation of In-situ applications in indoor and outdoor areas. Projects ranging from standardised children's playgrounds up to an IAAF-certified athletic stadium are possible.

All conventional granulates, liquid components and binders used in the installation of synthetic sports surfaces can be processed by SMG machines.

They install elastic layers made from rubber granulate and stones as well as basic surface material made of rubber or EPDM granulates, mixed with PU binder.

EPDM granulates are processed to single-layer or multi-layer, flat or structured synthetic sports surfaces.

Structural spray coatings, or so-called sandwich systems, can be realised.

The paving machines are manufactured with a standard working width from 1.1 up to 3.5 metres.

SMG mixers being adjusted to the pavers are available with a mixing performance from 50 kg up to nearly 400 kg per minute.

Thus, this professional mixing equipment is suitable for the precise mixing of multi-component liquid systems.

SMG offers spraying machines and granulate blowers for structured surfaces as well as machines for grinding and milling of worn out surfaces for renovation purposes.

RENOVATION PROJECTS

The renovation of sports surfaces through abrasion of the surface layer and subsequent recoating is becoming ever more important as an alternative to a complete new installation.

This is because it cuts down the cost to a great extent and saves a considerable amount of materials.

The original thickness and the technical characteristics of the rubber will remain the same. The RauMatic R400 is a milling machine for milling of the surface coating from elastic PU sports surfaces.

The working width is approx. 400 mm wide and the surface is removed with a speed of approx. 2,600 rpm.

The thickness of material to be abraded is regulated

automatically in the millimetre range through a tactile unit for an evenly flat installation.

Thickness from 1 to 10 mm can be removed in one work operation. Depending on the quality of the substructure, the new surface layer can be applied as required.

The driving seat with clearly arranged control elements allows an easy handling of the machine.

The drive for the machine is provided by an extra powerful and compact water-cooled 4-cylinder diesel engine, producing 100 kW (136 HP). The steering and the feed drive are provided using hydraulics.

SMG offers the biggest product range of unique modern machinery for the installation of synthetic surfaces in the sports industry worldwide for more than 40 years.

As a pioneer in the sector of synthetic sports grounds and artificial turf, SMG has a proven competence and long-term experience around the world and develops and defines the standards.

Customers are not only provided with valuable information for handling, but also with professional guidance in deciding on the right product to do the best possible job. Ask us – we know what is possible.

Since the 1980s, SMG has also been presenting innovations for the maintenance of artificial turf or carpets with granule infilling. Also in 2018, a ground-breaking development will be presented in this sector again. ■

