

## Customer benefits

StadiaPitch is a multipurpose stadium solution that:

- Can help maximise stadium and club revenue generation
- Provides for a financially viable and sustainable business model
- Will allow you to transform your stadium from a football or sports arena into an event venue in a matter of hours
- Does not jeopardise the quality of the playing surface
- Allows your players always to play on an excellent playing surface
- Can be installed during a summer break from league matches at existing stadiums
- Provides architects great flexibility in terms of storing the pitch
- Allows you further to increase the positive image of your club
- Makes fans, employees, commercial and media associates to be even more proud to be associated with your club
- Allows you to build fan engagement and fan experiences through improved facilities that are equipped to deal with any future spectator demands.
- Allows you to attract different types of spectators beyond those interested in your main sport, thus make your premium areas more desirable and lucrative
- Enables you to fill the stadium to capacity more often which helps to boost the stadium economy, to boost the community economy, to boost fans' and staff's sense of belonging and can help enhance the reputation of the city and the region.
- Helps build socio-economic benefits for your community

## Technology

### Aluminium trays

Purpose built trays have been developed to contain the turf and all pitch-related components required to provide a world class, movable playing surface. Some relevant details are:

- 192 trays together form a uniform, full-size pitch
- Each tray is 9m x 4.5m x 1m in size and weighs around 20 tonnes
- Each tray contains its own unique RFID which determines its location on the pitch and in the storage area

### The pitch

Each turf tray will contain:

- Turf of a grass species appropriate to the local climatic conditions and to the venue's performance requirements
- A synthetic grass reinforcement for added stability, again determined by the venue's performance requirements
- An appropriate growing medium in which the grass will thrive
- Appropriate irrigation, drainage and heating systems as required

### The pitch movement system

Automated guided vehicles (AGVs), fitted with precision sensors and software to communicate with and identify each tray, will be used to move the trays in and out of the stadium, operated by Bosch Rexroth's world class drive and control systems.

### AGVs

- Will drive under each tray, lift it up and move it in an automated manner to a precise location on the stadium floor or in a StadiaPitch Storage area, guided by precision sensors located in the stadium floor and within the storage area itself
- Will provide a pitch changeover time of about 10 hours, if around eight AGVs are purchased

### Sideline levelling installations

Our scope includes closing and leveling any gap between the edge of the playing surface and spectator seating.

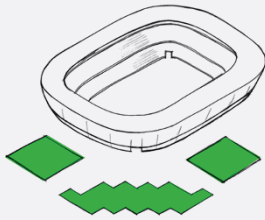
### Services

The standard services we will deliver include:

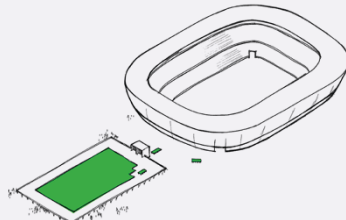
- Advice on how the concrete floor under the trays should be constructed in terms of
  - Water supply requirements to the pitch
  - Drainage requirements
  - Sensor installation requirements used to facilitate accurate AGV movement
  - Levelling requirements
  - Any elevator requirements to move trays into and out of the pitch
- Installation, commissioning, training and maintenance services
- International and local delivery and handling

## Storage

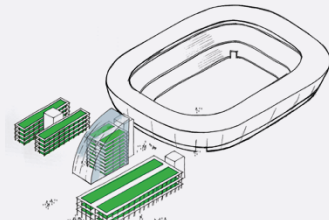
The modular nature of the StadiaPitch provides architects great flexibility when designing a storage solution ideal for your business model and real estate.



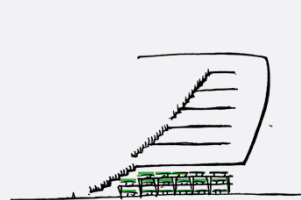
Outside, utilising existing available space



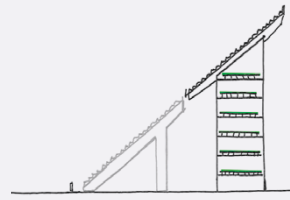
Elevated platform



External storage building



Inside stadium structure



Storage building as part of stand expansion

## Bosch Rexroth

StadiaPitch will be designed, built, installed and tested by Bosch Rexroth and its development partners to meet a stadium's unique specification. Bosch Rexroth is a Bosch Group company and is the exclusive seller of StadiaPitch. It is the world-leading drive-and-control company, with more than 36,500 staff across the globe and a turnover of € 6.2 billion annually. Rexroth has offices throughout the world, and it will be the local office in each country that will manage and support installations and maintenance of a StadiaPitch to ensure a prompt and efficient local service.

To be able to make binding quotations, Bosch Rexroth needs to have determined and agreed a definitive scope of work with the client, as prices will vary to fit best a client's business model. However, a non-binding, indicative budget price is available to clients upon request.