

# Kai Tak Sports Park – Link Bridges (China)



## Project description

The Kai Tak Sports Park, currently under construction in Hong Kong's suburb of Kowloon, is a multi-purpose sport hall.

Upon completion, it will become the largest sport venue in Hong Kong, and will provide high-quality facilities, not only for large events but also for the daily enjoyment of the local community.

The new sport complex will also have two link bridges. The one that will connect the main stadium with the indoor sport centre will not only act as a link bridge, but also as a leisure facility.

The other one is planned to connect the indoor sport centre with the public sports ground.

## mageba scope

To support the bridges, mageba supplied LASTO®BLOCK elastomeric- and RESTON®POT pot bearings.

For the link bridge that connects the main stadium with the indoor sports centre, mageba supplied 88 LASTO®BLOCK elastomeric bearings, all designed for loads of up to 25,600 kN.

While the other bridge between the indoor sport centre and the public sports ground were fitted with 4 RESTON®POT HP and 4 RESTON®POT bearings.

Beyond the bearings supplied for the link bridges, a further 44 pot bearings were installed in different locations of the park.

The high-strength rubber pads that are used for the RESTON®POT HP bearings are able to take much higher compressive stress than normal rubber pads, which helps to reduce the size of the bearings to a great extent, and therefore makes them more economical.

## Highlights & Facts

### mageba products:

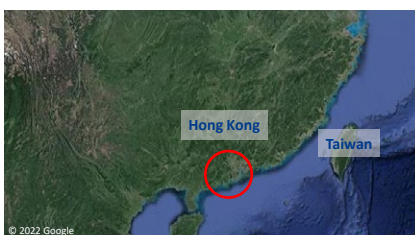
Type: LASTO®BLOCK elastomeric bearings  
RESTON®POT and RESTON®POT HP bearings

Installation: 2020 – 2021

### Structure:

City: Hong Kong  
Country: China  
Type: Footbridge  
Completion: 2023  
Length: 120 m and 48.4 m  
Owner: Hong Kong Home Affairs Bureau  
Contractor: HIP HING ENGINEERING  
Engineer: AURP

The project is located in Hong Kong, China



A RESTON®POT bearing during testing



LASTO®BLOCK elastomeric bearings are on site ready to be installed

