

# Ova Cotschna factory (Switzerland)



## Project description

The factory of Ova Cotschna AG c/o Andrea Pitsch AG in St. Moritz is a very modern structure, which was built using both conventional reinforced concrete and classic steelwork construction. As a result, the offices unit, which is of reinforced concrete, had to be protected from noise emissions from the steelwork bridge crane structure in the building section. Failing this, noise caused by factory operations would impact strongly on work in the offices.

Due to the specified height above ground level of the crane rails and of the support brackets on which the crane rails' bearings are positioned, it was necessary to achieve the required vibration isolation using bearings of absolute minimum height.

## mageba scope

The design of the building required that bearings of the same dimensions be used to isolate the crane rails throughout. This was complicated by the fact that two different cranes would be operating on the same crane rails, considering the standard objective of optimising vibration isolation performance across the full range of possible loading scenarios – from unloaded to maximum loading.

Following an analysis of all requirements, mageba designed and supplied a complete solution based on the tried-and-trusted VIBRAX®CRANE Q20 noise insulation bearing, optimally meeting all technical, functional and constructional challenges.

## Highlights & Facts

### mageba Products:

Type: VIBRAX®CRANE  
Installation: 2016

### Structure:

City: St. Moritz  
Country: Switzerland  
Type: Industrial building  
Owner: Ova Cotschna AG  
Contractor: AF Toscano AG  
Engineer: Edy Toscano Engineering

The building is located in St. Moritz, Switzerland



Elastomeric bearings during installation on support bracket



The bridge crane's steelwork support structure during construction

