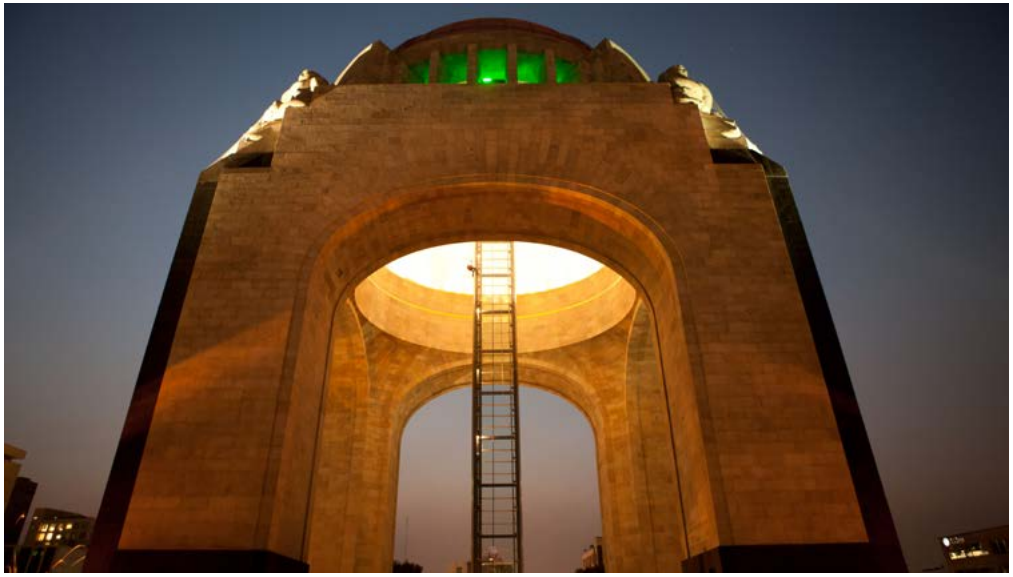
# Lifts of the Monument of the Mexican Revolution, Mexico City, Mexico

## Architect: Enrique Espinoza Fernández

Finished in 1938, the Monument of the Mexican Revolution, measuring 67 m in height, is still considered the tallest triumphal arch in the world. To facilitate access to the dome and make it more attractive for visitors to the museum underneath, a lift was added. Among the competing concepts, an elegant yet unobtrusive design was finally selected which remained essentially respectful of the symmetrical layout of the building. It involved a filigree, transparent steel-and-glass lift shaft which rises right in the centre of the square monument. The mixed material design encompasses a carbon steel load bearing structure which is clad with stainless steel. The full metal design is also beneficial from a safety point of view because it is tolerant to seismic activities. Also the ancillary structural components such as the glass holders and other fasteners and the handrails are from stainless steel.



*Photos by Ricardo Espinosa*

### Details

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| **Environment:** | Urban |
| **Grade and finish:** | 304, P3 |
| **Total weight of the stainless steel used in the project:** | 4 tons |
| **Material supplier:** | Mexinox |