

# Qingdao Jiaodong Int. Airport (China)



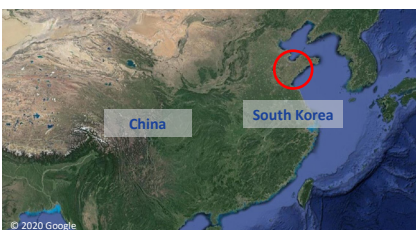
## Project description

Qingdao Jiaodong International Airport, with its elegant and distinctive appearance of a starfish is located 39 km from the centre of Qingdao. It is a “Gateway Airport” for Japan and South Korea and a “Regional Hub”, featuring integrated transportation and has been honored with awards such as Smart Airport, Green Airport, Humanistic Airport and Characteristic Business.

The airport was completed in June 2020 and became the largest airport in Shandong province, with its 478,000 m<sup>2</sup> terminal building. By 2025 it will be capable of handling 35 million arrivals, but that’s only the start. During the second phase, two more runways will be added to increase the capacity further to 60 million arrivals per year.

It is the city’s first 4F-class airport, making it a new transportation hub in Northeast Asia and ushering Qingdao into a new era of air travel.

The airport is located on Jiaodong Street, Qingdao city, Shandong province



## mageba scope

In 2016, mageba was commissioned to supply 136 units of RESTON®SA shock absorbers (Viscous Dampers) for the Qingdao Jiaodong International Airport.

The dampers were designed according to both, the Chinese and European standards.

Each of the installed products features a maximum capacity of 1,400 kN and allows movements of +/- 60 mm.

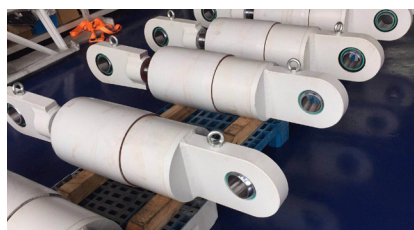
A prototype testing for 4 sets of dampers was carried out in Tongji University with a CMA Report obtained, while the factory production control testing was carried out in Sismalab (Shanghai).

## Highlights & Facts

### mageba Products:

|                   |  |
|-------------------|--|
| Type:             | RESTON®SA shock absorbers  |
| Testing:          | Tongji University; Sismalab of mageba (Shanghai)                 |
| Installation:     | 2017–2018  |
| <b>Structure:</b> |  |
| City:             | Qingdao  |
| Country:          | China  |
| Completion:       | 2020   |
| Type:             | Airport  |
| Owner:            | Qingdao Jiaodong International Airport Construction Headquarters |
| Contractor:       | Chinese Construction Eighth Engineering Bureau                   |

RESTON®SA shock absorbers are ready for delivery



A RESTON®SA shock absorber after installation

