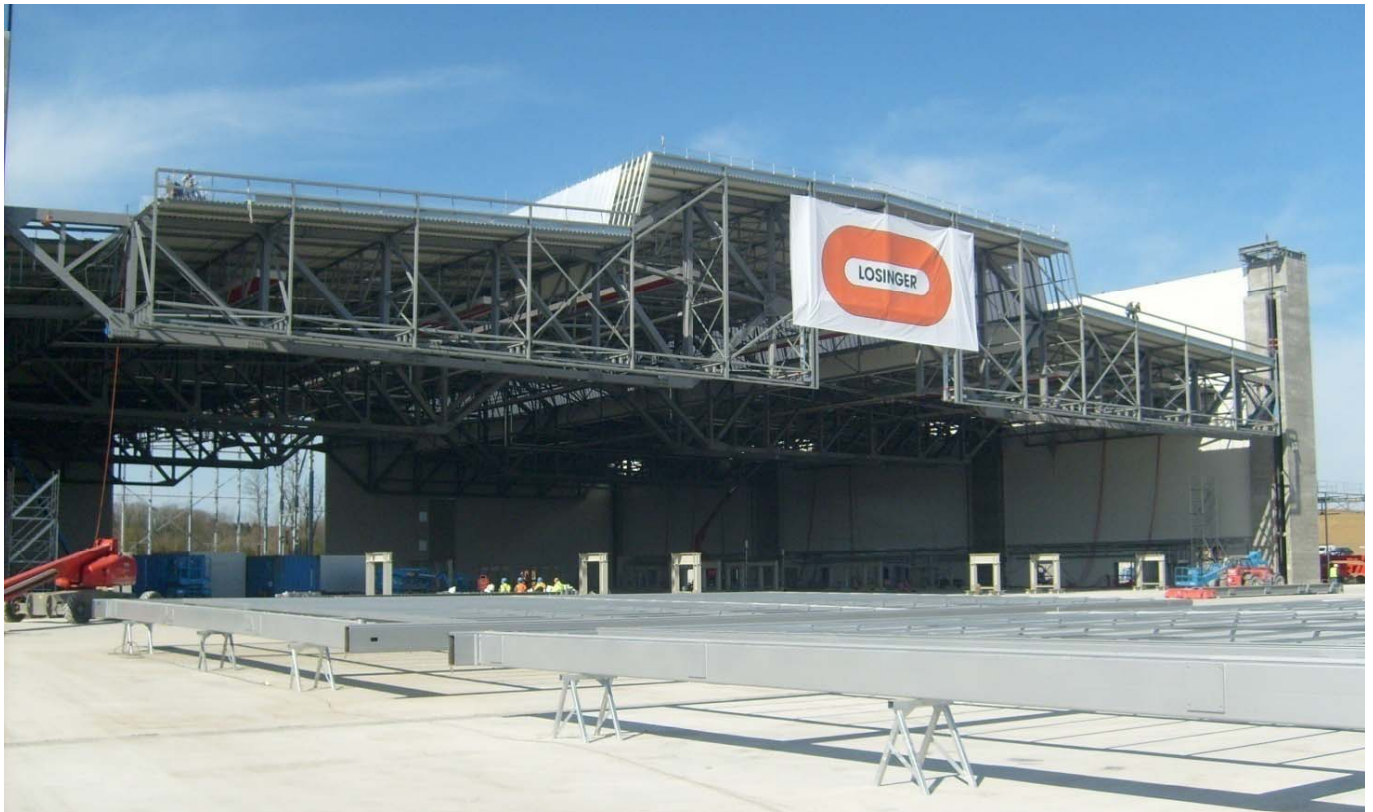


# Hangar Basel, Mulhouse – France



Heavy lifting of a hangar's 2,400t roof



▲ The hangar's roof was moved up to its final height in a carefully controlled operation in March 2008.

VSL's sister company Losinger constructed a new hangar in record time at EuroAirport Basel-Mulhouse-Freiburg. Construction started at the end of 2007 and the first plane rolled into the hangar just a few months later on 20 April 2008.

VSL Heavy Lifting was involved throughout the whole project, from the very early design stages. One of the central questions of the project was how to design a roof that could be easily lifted.

Taking this approach meant that erection could be achieved while meeting a very ambitious schedule.

## Scope of work performed

- Lifting of the hangar's roof
- Weight: 2,400t
- Lifting distance: 23m

## Equipment

- 4 lifting units SLU- 220/550
- 8 lifting units SLU-330/550

Consideration of the lifting requirements during the design resulted in very little of the structure being cantilevered. The complete 2,400t steel structure - including cladding and insulation -



▲ Suspension of the roof during lifting

was assembled close to ground level. During the erection, all 12 lifting points were controlled and synchronised by the VSL-BRAVO System.

The results of two years of careful planning were witnessed by several hundred spectators on 30 March 2008 when the roof was lifted 23m to its final level.

## OWNER

EuroAirport Basel -Mulhouse-Freiburg

## MAIN CONTRACTOR

Losinger Construction AG

## VSL ENTITY

VSL (Switzerland) Ltd.  
Heavy Lifting Department  
[www.vsl-heavy-lifting.com](http://www.vsl-heavy-lifting.com)

## DATE

2008

[www.vsl.com](http://www.vsl.com)