



# The UFO Zoetermeer Project

Zoetermeer - Netherlands

## The Project

The 'UFO Zoetermeer' (the flying saucer) is a sports hall in the Zoetermeer shopping centre.

## Project Characteristics:

- The complex geometry
- Curved bars
- Specific custom joints

## Software Solution - Advance Steel

- specifically for its 3D structure modelling and automatic creation of fabrication drawings.

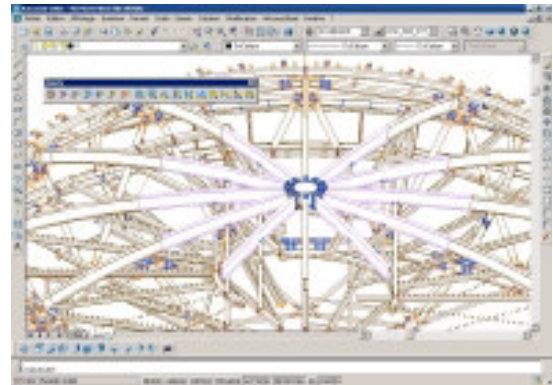


## Questions to Eddy Vrolix, draftsman at CSM

### Mr. Vrolix, would you like to give us some general information about this project?

"As you have already noticed, this project looks like a flying saucer. It weights 290 tons and it is 35m in diameter and 12m in height. This is a sports hall situated in the center of Zoetermeer."

"The architectural plan was a real challenge, almost all the beams are curved, the joints are specific and the structure is supported by 3 concrete pedestals of 80cm width."



### What was CSM's role?

"CSM did the global structure calculation, created all the plans, did the plan check, manufactured all parts in the workshop and did the assembly on the site. This project let us see the huge possibilities offered by Advance Steel: modelling of the complex geometry, curved beams, specific user defined joints, etc."

"The construction has already started One can see clearly the complexity of the design entirely done in Advance."

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