

# Free Form timber structures for Venlo casino

Venlo, NL



## Project details

Client	Holland Casino
Architecture	MVSA Architects
Project type	Leisure and sport, Hotels and restaurants
Construction type	Free Form, Wood element construction
Services	Timber construction
Construction	2019-2020
Locality	Venlo
Country	Netherlands

## The flowery architecture of the new Holland Casino

Situated just off the motorway and close to the German border, the imaginatively designed new 'Holland Casino' development is intended to revitalise the region around the Dutch city of Venlo. With its curved architecture, numerous floral elements and colourful facade, the new-build casino is in harmony with Holland's floral landscape. Viewed from above, the organic shapes of the offset and superimposed storeys form the shape of a flower head. We were in charge of the timber construction and delivered the free form support structure. An additional element of our project was the rounded walls in prefabricated timber construction.

Situated in the centre of the atrium, our 3.2 m diameter free-form column in laminated timber is particularly eye-catching. The stylised stem grows upwards and branches out at the top into an artfully curved supporting structure comprising around 300 free form components. At its maximum expansion, the flower-shaped roof has an area of 55 x 45 m. The rooms in the casino, where visitors try their luck, extend over two levels around the supporting structure.

Central to the building concept is the unity of architecture and sustainability. Free form timber constructions fulfil this criterion. They enable extraordinary designs to be brought to life exactly as the architects imagined, and all using natural and renewable wooden materials.

## Specific Contact



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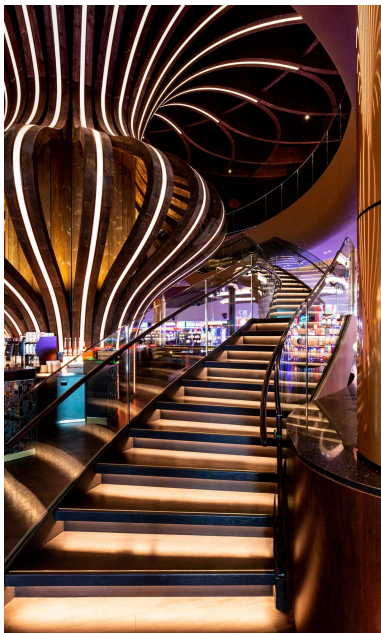
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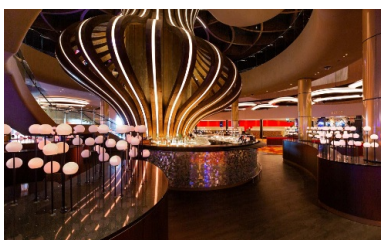
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The free form column is the centrepiece of the atrium.



The flower-shaped supporting structure in timber



500m<sup>3</sup> of spruce wood were used to build the glamorous casino.

The flower-shaped supporting structure in detail.

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The flower stem – centrepiece of the atrium – extending upwards.



Construction work on the supporting structure.



Detailed view of the roof construction during construction work

The roof construction takes shape.

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The timber construction takes shape.  
Bird's eye view of the construction site.