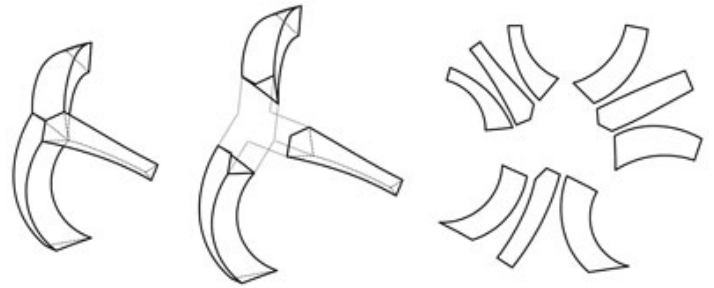


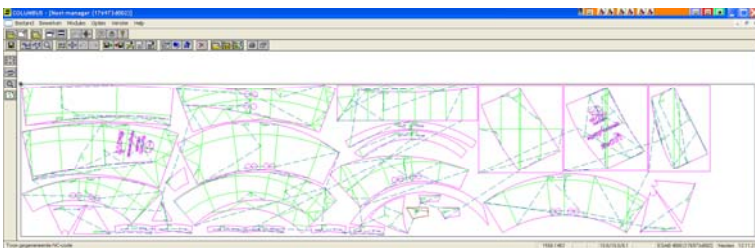
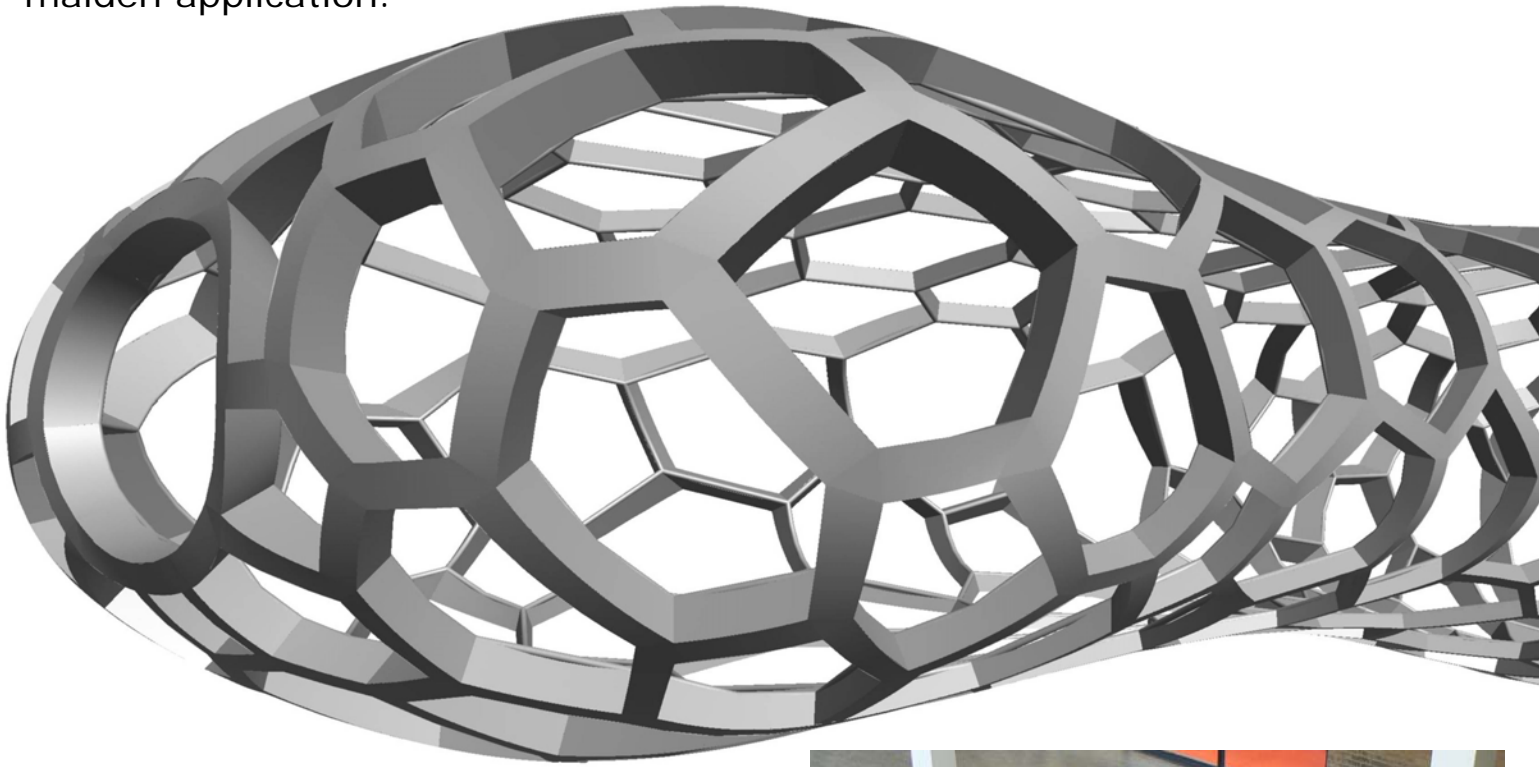
# Deltaribs

*unprecedented freedom of structural shapes*

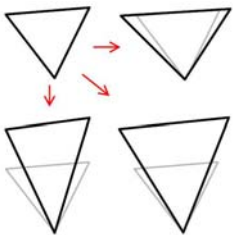
**Deltaribs** are an innovative building system for curving and twisting members in reticulated structures for free form building designs, invented and developed at Delft University of Technology (the Netherlands). Prototypes have been built and the system is now ready for its maiden application.



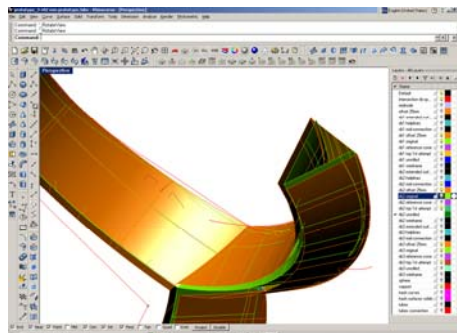
A network structure consists of ribs. All ribs have a triangular cross section, that is made out of three bespoke curved sheets of steel.



File for computer-controlled lasercutting of the steel sheets.



Strength and stiffness are optimised by making ribs deeper and/or wider.



Three-dimensional modelling.



The construction of three prototypes proved that the system can be fabricated and assembled. They were sponsored by:

