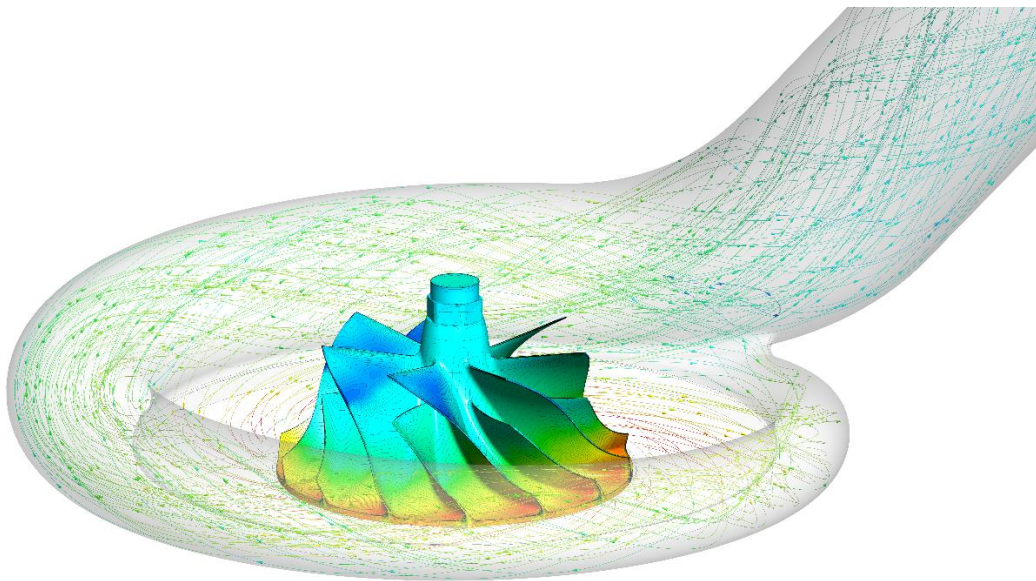


## DesignCC 1.0 - software for preliminary centrifugal compressor stage design

### KEY PURPOSES:

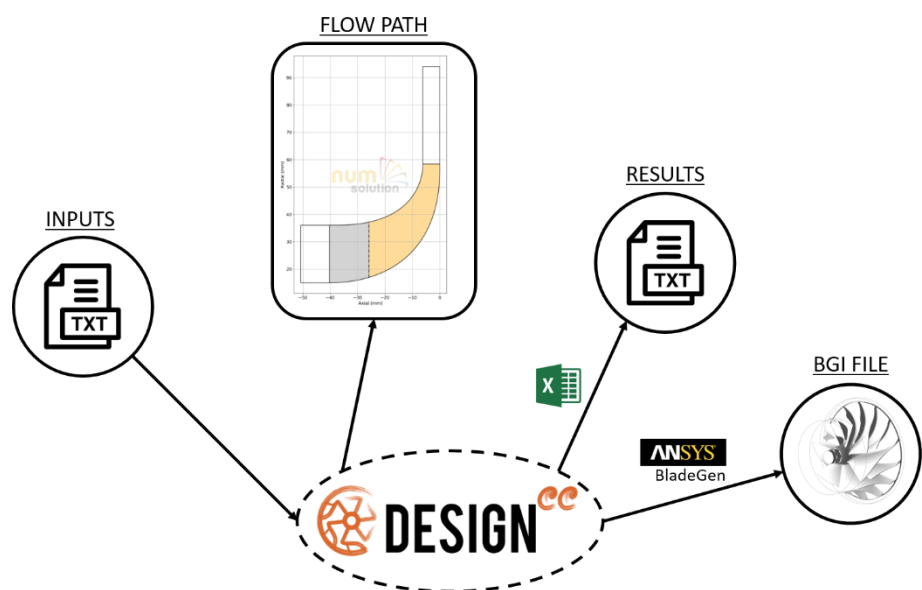
- One-dimensional (1D) centrifugal compressor stage design
  - Radial compressor wheel
  - Diffuser
  - Volute
- Export of radial compressor wheel to ANSYS BladeGen in a native format
- Export of all inputs and results to Microsoft Excel sheets
- Possibility to save the design to a **dcc** file



### DESCRIPTION:

Centrifugal compressor development is a complex process consisting of several steps. The initial compressor stage design is usually given by the required aerodynamic properties and geometric constraints. DesignCC represents classic 1D approach with machine learning corrections that produces a compressor stage as a good starting point for more detailed design process.

Are you designing centrifugal compressor for a specific application? Do you need a simple tool to help you? DesignCC is the right choice for you.

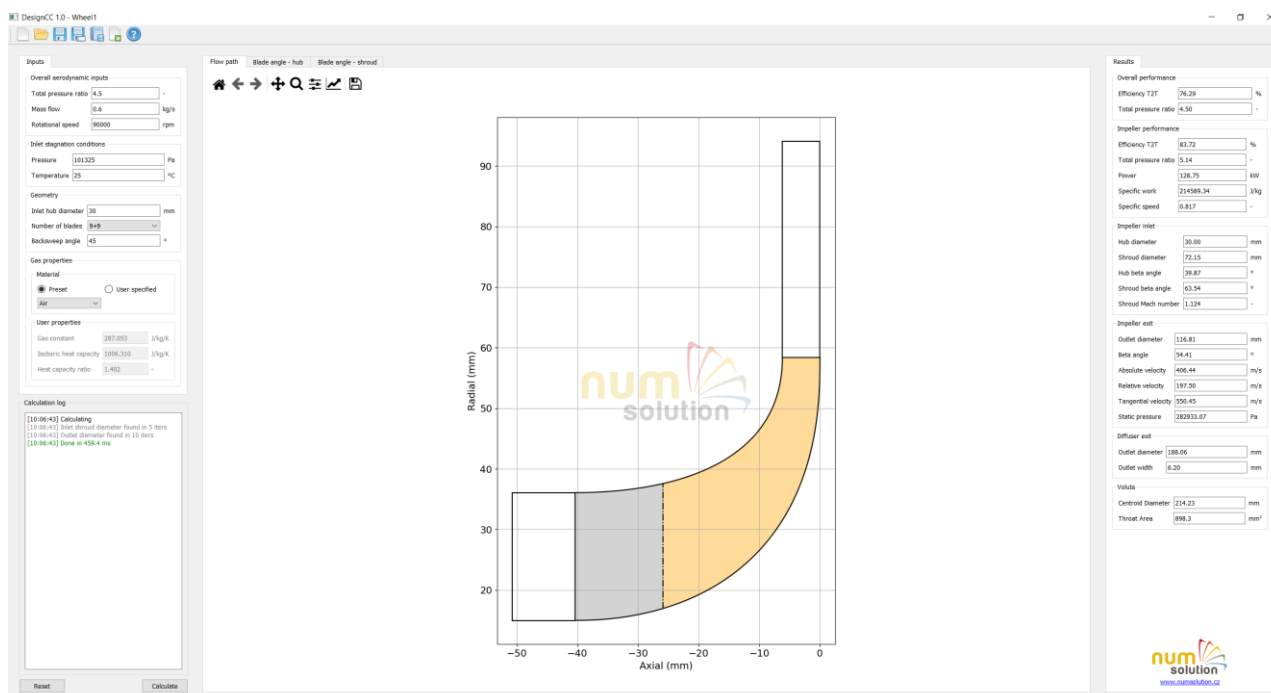


## OTHER BENEFITS:

- Simple and intuitive graphic user interface
- Graphic and text results
- Fast calculation
- DesignCC training with a demonstrative tutorial (onsite/online)
- Excellent customer service provided by experienced professionals

## SOFTWARE/HARDWARE REQUIREMENTS

- Supported OS: Windows 10



## CONTACT:

Do not hesitate to contact us for more information, a demo license > [info@numsolution.cz](mailto:info@numsolution.cz) or visit our web > [www.numsolution.cz](http://www.numsolution.cz)

## NUM solution s.r.o.

Corporate Headquarters & Office:

U Pergamenky 1145/12

Prague, 170 00

Czech Republic