TURBOMACHINERY Design Software

CFturbo® is a user-friendly, parametric conceptual design platform to create Turbomachinery stages and components like impellers, stators and volutes. Based on fundamental equations of fluid mechanics, laws of thermodynamics and on empirical correlations it can be used for axial, mixed-flow and centrifugal pumps, blowers, compressors and turbines.
TURBOMACHINERY Product Development

The CFturbo® software has interfaces to all major CAD- and CAE-systems to ensure smooth data export. Due to its batch-run capability CFturbo® can easily become part of seamless workflows for automated simulation and optimization in order to streamline Turbomachinery product development.

www.cfturbo.com
The company CFturbo® offers comprehensive engineering services for compressors and turbines. Among them are conceptual design of Turbomachinery components, CFD-, FEA- and rotor-dynamic simulations and optimization, as well as CAD-services, prototyping and testing.

www.cfturbo.com
TURBOMACHINERY DESIGN
COMPRESSORS & TURBINES

Design Software – Compressors and Turbines
CFTurbo® is an interactive design tool to create compressor and turbine components from scratch or to re-design existing parts. It covers design steps for impeller main dimensions, meridional contours, and blading, as well as for vaned and vaneless stators, return channels and volutes.

www.cfturbo.com
Engineering Services – Blowers and Fans

The company Cfturbo® offers comprehensive engineering services for blowers and fans. Among them are conceptual design of Turbomachinery components, CFD-, FEA- and rotor-dynamic simulation and optimization, as well as CAD-services, prototyping and testing.

www.cfturbo.com
TURBOMACHINERY DESIGN
BLOWERS & FANS

Design Software – Blowers and Fans
CFTurbo® is an interactive design tool to create centrifugal and mixed-flow blowers and axial fans from scratch or to re-design existing parts. It covers design steps for impeller main dimensions, meridional contours, blading, as well as for vaned and vaneless stators, return channels and volutes.

www.cfturbo.com
Engineering Services – Pumps

The company CFturbo® offers comprehensive engineering services for compressors and turbines. Among them are conceptual design of Turbomachinery components, CFD-, FEA- and rotor-dynamic simulations and optimization, as well as CAD-services, prototyping and testing.

www.cfturbo.com
**TURBOMACHINERY DESIGN**

**PUMPS**

**Design Software – Pumps**

CFTurbo® is an interactive design tool to create axial, mixed-flow and centrifugal pumps from scratch or to re-design existing parts. It covers design steps for impeller main dimensions, meridional contours, blading, as well as for vaned and vaneless stators, return channels and volutes.

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