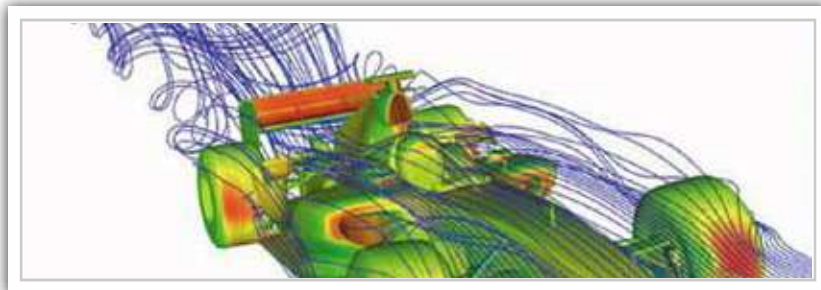


■ Planning, realisation and maintenance of automatic control engineering

- * Planning and realisation of automation systems among others for aerodynamic wind tunnels, climatized wind tunnels and wind tunnel components
- * Power Distribution
- * Drive systems for wind tunnel fans
- * Automation systems for: wind speed regulation, temperature regulation, moisture regulation, exhaust gas/ fresh air systems, boundary layer removal system
- * Interface to the balances system
- * Interface to the rolling road system
- * Interface to the host computer
- * Integration of the gas warning system
- * Integration of the fire extinguishing system
- * Installation
- * Commissioning
- * Optimisation
- * Service

Within the scope of the service we offer in addition the following solutions:

- * Servicing contracts
- * Optimisation of systems
- * Choice of components
- * Thermography
- * Optional customization in the automation system
- * Servicing of Drive Systems



Airflow in wind tunnels



Fan

■ Project Management

For more complicated tasks we develop solutions in close cooperation with users, research facilities and other co-operation partners to accomplish an effective project realisation to the customers satisfaction.

-4H-JENA engineering GmbH is able to develop optical-mechanical assemblies, electronics assemblies, devices with accompanying software solutions, to provide suitable prototypes and in the production lead up incl. manufacturing after a successful check-up.

The manufacturing process is supervised accordingly and documented according to the German Institute for Standardization EN ISO in 9001 norm.