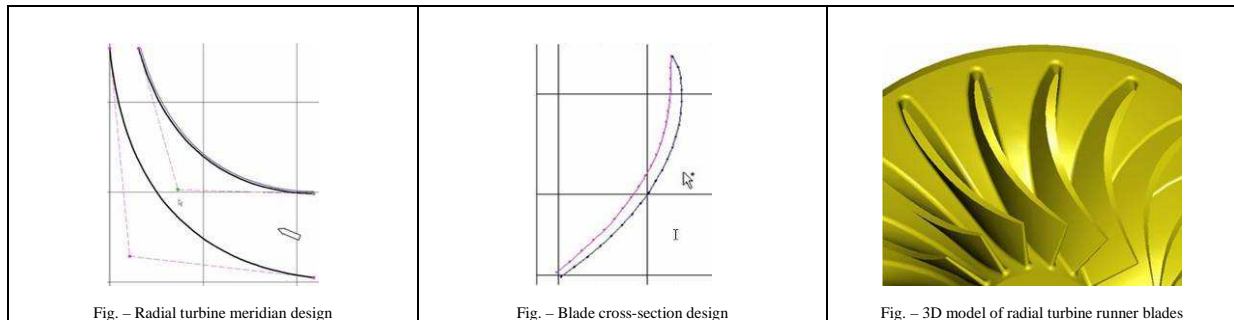


## 2. Design of flow parts and exposed parts

We offer fast creation of high quality custom-made designs of individual flow parts or whole assemblies. We can offer long term experience especially in the area of radial compressors, ventilators, pumps and turbines of various design and purpose from these application areas:

- ✓ Turbo-superchargers
- ✓ Gas turbines
- ✓ Steam and expansion turbines
- ✓ Air conditioning systems
- ✓ Cryogenics



### References:

#### **PBS Energo, a.s.**

– Design of flow parts of turbines STG-I, STG-II

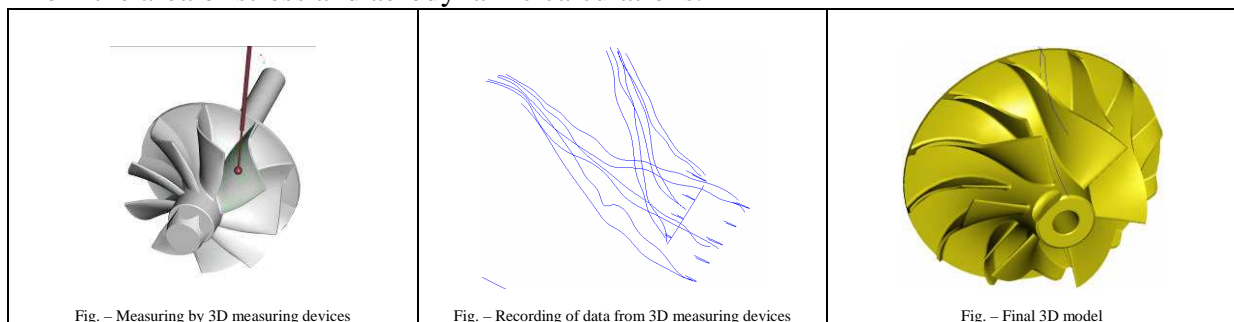
#### **PBS Turbo, s.r.o.**

– Design and modifications of flow parts of compressors and turbines of turbo-superchargers PTR 150, PTR 155, PTR 180

#### **ČZ Strakonice, a.s.**

– Design and modifications of flow parts of compressors and turbines of turbo-superchargers C15 – K27

We also offer measuring of actual geometric shape of parts by three-dimensional measuring devices PRISMO, WENZEL and their subsequent processing in Pro/Engineer CAD software and creation of models with appropriate quality to conduct additional analyses from the area of stress and aerodynamic calculations.



### References:

#### **ŠKODA Auto**

– Digitalization of turbine runners and super-charger compressors