Franke Industrie AG

The supplier of hot gas path parts, components and subassemblies in:
- stainless steel
- high-grade alloys
- heat-resistant materials

In partnership with market leaders.

Franke Group

The Franke Group
Close to customers worldwide with more than 80 companies in 42 countries on all continents.
Employing more than 12,000 people.
Net sales, consolidated by divisions 2008, around CHF 3 Billion
Franke Kitchen Systems 64%
Franke Food Service Systems 17%
Franke Washroom Systems 8%
Franke Coffee Systems 5%
Franke Beverage Systems 5%
Other activities/Corporate 1%
1950, Franke Aarburg started the manufacturing of hot gas path parts. Some important milestones:
- burning chamber for Goblin 3 engine
- after burner system for Snecma ATAR 09 C
- exhaust pipe Avon 203/207
- combustors, flame tubes, burner for different customers in the field of industrial gas turbines.
In 1990, Franke entered the space market for the European Space Programme Ariane 5. Product development and process optimization for new as well as existing components are achieved in close cooperation with our customers.

2004, the Industrial Engineering Profit Centre was spun off into an independent company: Franke Industrie AG.
Franke Industrie AG are experienced with all aspects and processes for the manufacture and supply of fabricated components, subassemblies and assemblies in stainless steel, high-grade alloys and heat-resistant materials used throughout the aerospace, aero-engine and gas turbine industries.

ONE PO Strategy
Gas turbine

Franke Industrie AG supplies engine-ready hot gas path parts
Franke Industrie AG supplies components for extreme conditions in space flight

Franke Industrie AG supplies parts for the aircraft and aeroengine industry

Franke Industrie AG creates engine-ready components in close collaboration with its partners
Forming

Hydr. presses 60–2,000 t
expanding D 60–D 1500
CNC rolling machine
CNC precision forming

Welding

Resistance welding
- spot
- seam
TIG
- manual
- automatic
Plasma
Machining

- CNC turning Dia 450
- CNC Milling 2300×800×600
- 5 axes milling and turning center

Grinding
Drilling
EDM
  - wire
  - cavity sinking

Laser Drilling

- 3-D laser drilling
  - YAG/500 W
- 2-D laser cutting
  - truelaser 3030
  - CO₂/2.7 kW
Water jet machining

Variable gurnion jerk
adjustment 500–3,800 bar
Infinitely variable dosage
programme and pressure control
3-D programming and simulating
routine Toplas-3-D
CNC Sinumerik 840 D

NDT

Non-destructive testing
X-Ray
Surface inspection
- red dye
- FPI
- emulsified
Dimensional CMM
Metallurgical analysis
Mechanical testing
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**CAD**
- Solid edge
- Proengineer
- 2-D CAM software Fabriwin

**Heat-resistant materials**
- Haynes 25
- Haynes 188
- Haynes 230
- Haynes 282
- Hastelloy-X
- Nimonic 75
- Nimonic 80A
- Inconel 600
- Inconel 625
- Inconel 718
- Inconel 738
- Waspaloy
- MarM 247

**Stainless steel**
- All standard alloys

**Aluminium**
- High-Grade aluminium
  - 2024
  - 5086
  - 6061
  - 7075

In the heart of Switzerland: Aarburg, a neighbouring town to Olen, lies at the intersection of the north-south and east-west rail routes and motorways. Our works are easily accessible by car or by train, less than one hour from Zurich and Basel airports.