

The supplier of hot gas path parts, components and subassemblies in:

- stainless steel
- high-grade alloys
- heat-resistant materials

In partnership with market leaders.



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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%



Franke Industrie AG

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.

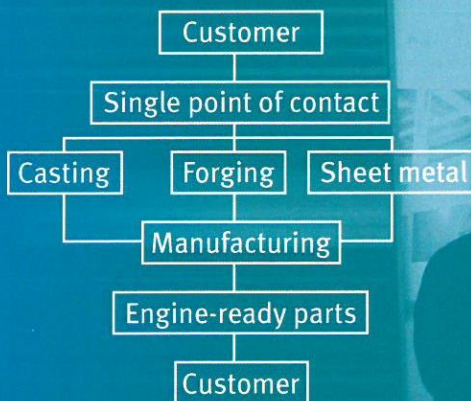
2004, the Industrial Engineering Profit Centre was spun off into an independent company: Franke Industrie AG.

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.

FRANKE



ONE PO Strategy



Certificates



Member of



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FRANKE



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FRANKE



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HAYNES
International

SWISSMEM

Swiss Association of
Manufacturers **SAG**

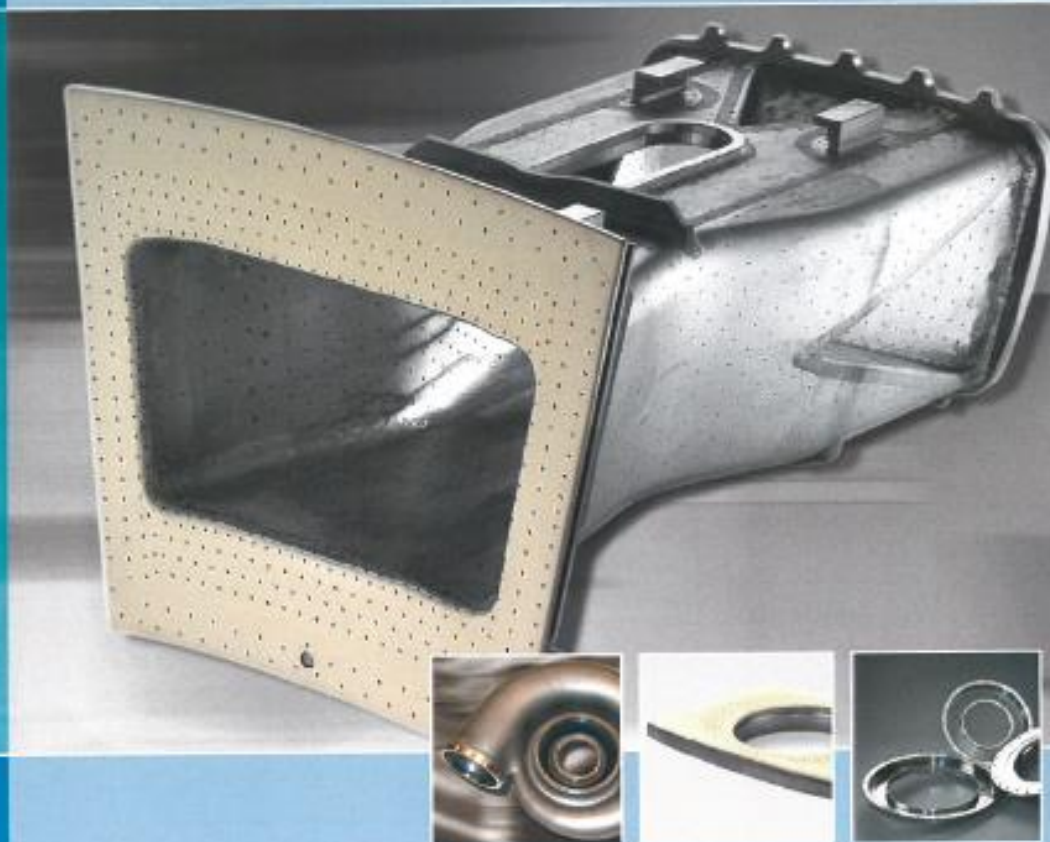
Solothurner Handwerkskammer

SWISS

ÄHRD KUIEBE

Gas turbine

Franke Industrie AG supplies engine-ready hot gas path parts



Space

Franke Industrie AG supplies components for extreme conditions in space flight



Franke Industrie AG supplies parts for the aircraft and aeroengine industry



Aerospace

Prototyping

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



Trepanning



Percussion

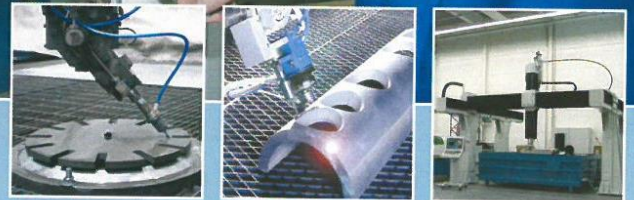
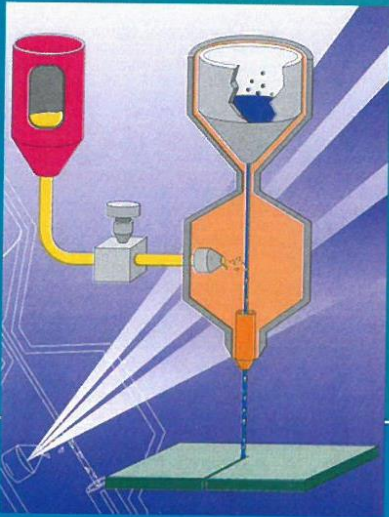


Shaped holes



Water jet machining

Variable gumption 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

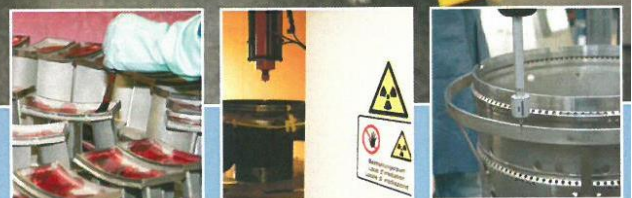
– FPI

– 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
Inconell 600
Inconell 625
Inconell 718
Inconell 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 Olten, 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.


FRANKE

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