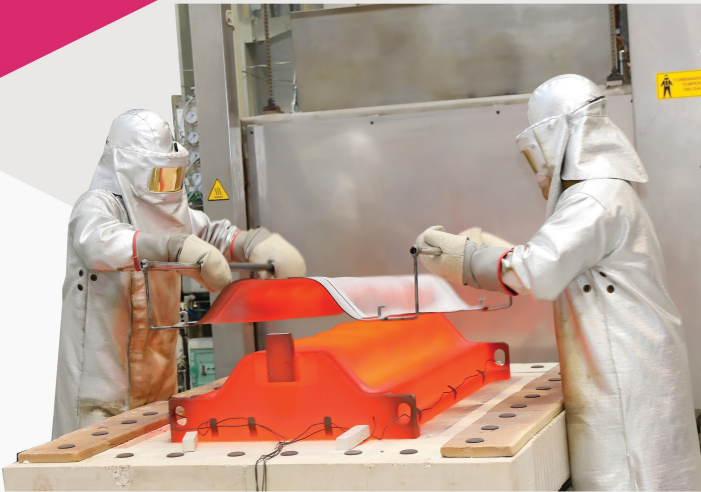


EXPERT IN  
MATERIALS  
FORMING

Manufacturing of metallic  
parts by superplastic and hot forming



## COMPETITIVE ADVANTAGES



Aurock is your dedicated SPF/HF (SuperPlastic Forming and Hot Forming) supplier from tools design and process simulation to parts manufacturing. This full offer supports the best possible technical and economic efficiency to understand and meet your needs with high reliability.

**Reduce your industrialization lead time** by choosing a proven **expert team** about superplastic forming (SPF) and hot forming (HF).



### SPF benefits:

- ▶ Ensure the forming of **complex geometries** by limiting the assembly
- ▶ Have a **near net shape components** (no spring back phenomena).

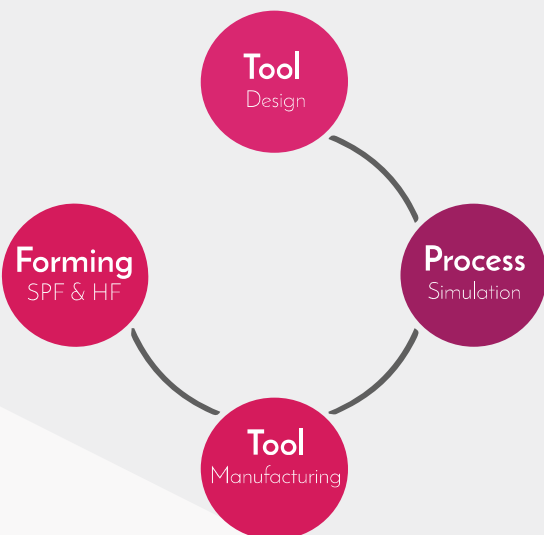
### HF benefits:

- ▶ Reduce the **buy to fly ratio**
- ▶ Have a **homogeneous thickness** of the part
- ▶ Limit the  **$\alpha$ -case growth**.



## OUR OFFER

Aurock is expert in forming processes and material engineering. We answer to your needs thanks to our experience and our internal R&D team results. Providing you with the highest level of efficient support, Aurock carries out the following in-house activities:



Aurock is ready to answer to your mass production needs: hundred of parts are already manufactured per year satisfying our customers' technical requirements, costs and deadlines with the support of a dedicated Enterprise Resource Planning (ERP) and certified quality procedures.

## EQUIPMENTS



	PRESS 1	PRESS 2
Max. Compression	400 tons	1500 tons
Vertical Opening	800 mm	800 mm
Part size	1400 x 1000mm <sup>2</sup>	1500 x 2600mm <sup>2</sup>
Max. temperature	1050°C	920°C



Equipments qualified by Airbus according to AIPS-10-03-008

## CERTIFICATIONS



## CUSTOMER REFERENCES

AIRBUS

SAFRAN

arianeGROUP

