



# VENTANA

FOUNDRY TOULOUSE

*Conceive and implement efficient manufacturing processes which are increasingly more respectful of people and the environment for your high value added metallic components and assemblies.*



# VENTANA FOUNDRY TOULOUSE

VFT is specialized in complex aluminum castings with excellent mechanical characteristics due to the sand casting process (weight up to 60kg)

## FOUNDRY DIVISION

2008 (1938) - VFA Arudy



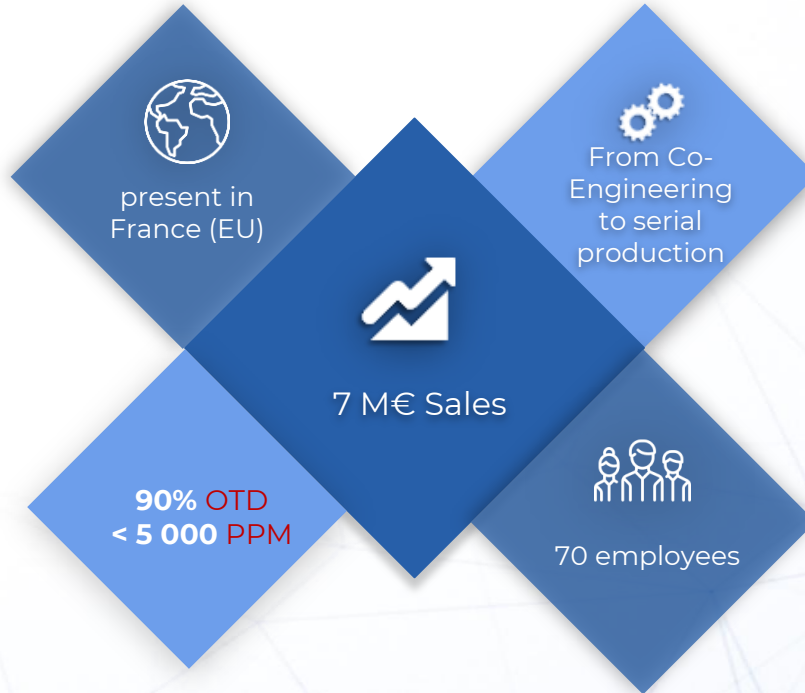
2012 (1921) - VFT Toulouse



2016 (1971) - VFH Hackås

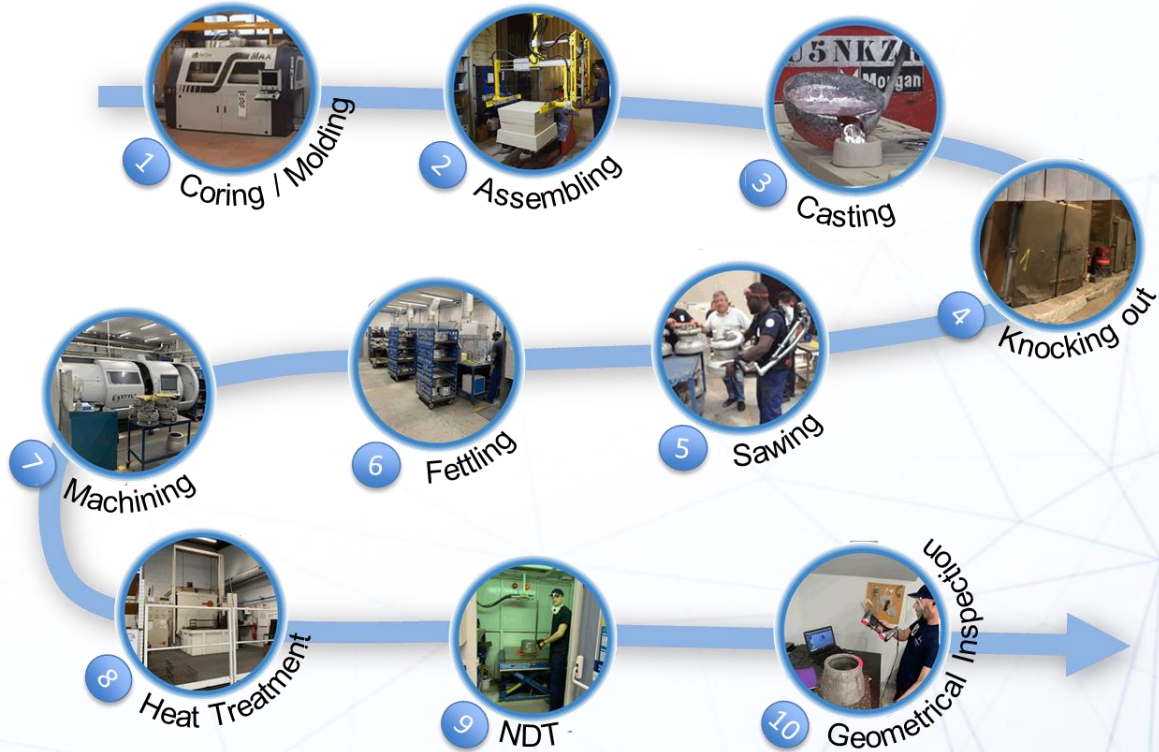


2016 (1948) - VFK Kapfenberg



Innovative Industrial Manufacturing

# Sand Casting Process





# Sand Casting

Application: **Aerospace**  
Alloy: AMS4288 –AS7G06  
Dimensions: 400 x 400 x 330 mm  
Weight: 8 kg



Application: **Aerospace**  
Alloy: AMS4288 – AS7G06  
Dimensions: 546 x 495 x 158 mm  
Weight: 9 kg



Application: **Aerospace**  
Alloy: AMS4225-AU5NKZr  
Dimensions: 250 x 180 x 60 mm  
Weight: 1,6 Kg

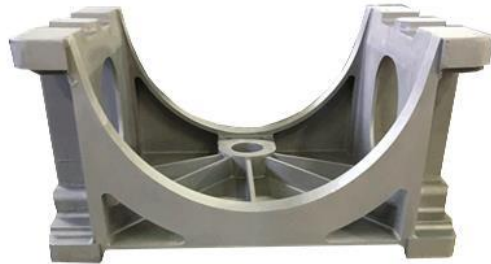


Application: **Aerospace**  
Alloy: AMS4288 – AS7G06  
Dimensions: 250 x 180 x 60 mm  
Weight: 5,8 Kg



# Sand Casting

Application: **Defense**  
Alloy: AMS4288-AS7G06  
Dimensions: 786 x 556 x 385 mm  
Weight: 52 kg



Application: **Defense**  
Alloy: AS7G06  
Dimensions: 650x650x380 mm  
Weight: 15 Kg



Application: **Aerospace**  
Alloy: AS7G06  
Dimensions: 280x280x230 mm  
Weight: 1,8 Kg



Application: **Aerospace**  
Alloy: AMS4288-AS7G06  
Dimensions: 230x230x180 mm  
Weight: 1,96 Kg



Application: **Aerospace**  
Alloy: AMS4225-AU5NKZr  
Dimensions: 190x130x120 mm  
Weight: 1,08 Kg



# Plant Profile



- Markets served :** Aerospace, Defense, Automotive
- Materials :** Aluminum AU5NKZR AS7G06 AS7G03 AU5GT AS7U3G
- Approvals:** ISO-9001, EN9100 / NADCAP NDT, Chemical Process
- On site testing:** Chemical spectroscopy, Tensile testing, Hardness testing, FPI, Xray with film, Dimensional scan
- Weight capacity:** Aluminium max.: 60 kg
- Size capacity:** 800 mm x 500 mm x 500 mm