



VENTANA

FOUNDRY ARUDY

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 ARUDY

VFA is world leader in complex magnesium and aluminum castings with excellent mechanical characteristics due to the sand casting process (weight up to 650 kg)

FOUNDRY DIVISION

2008 (1938) - VFA Arudy



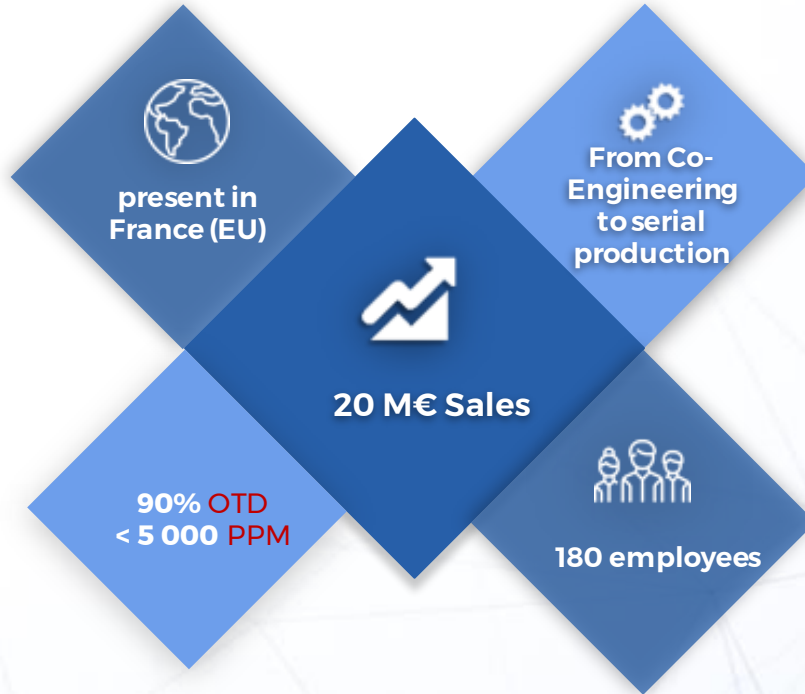
2012 (1921) - VFT Toulouse



2016 (1971) - VFH Hackås



2016 (1948) - VFK Kapfenberg



Innovative Industrial Manufacturing

Sand Casting Process

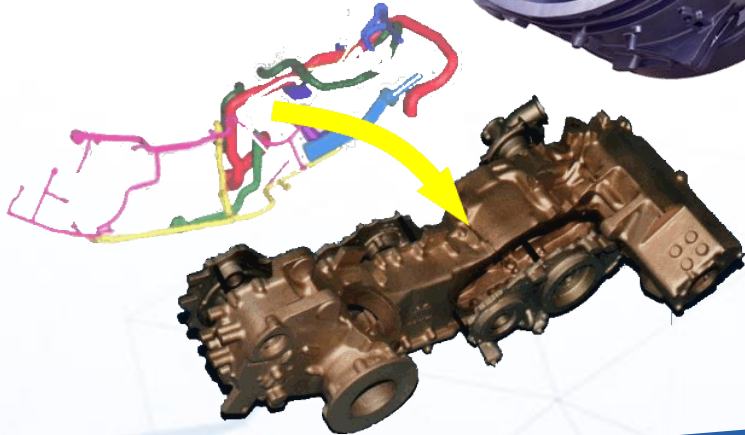


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Sand Casting

Application: **Aerospace**
Alloy: Mg Alloy: MSR
Dimensions: 1150 x 1150 x 490 mm
Weight: 130 kg



Application: **Automotive**
Alloy: Mg Alloy: MSR
Dimensions: 400 x 390 x 370 mm
Weight: 14 kg

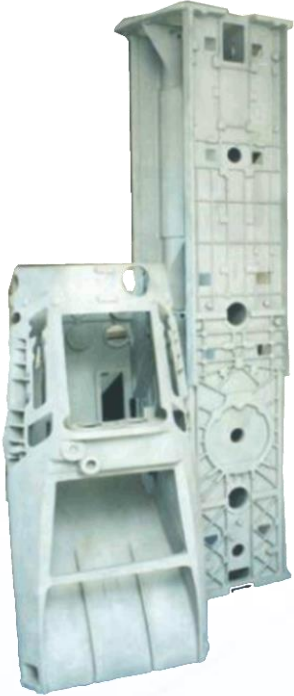


Application: **Aerospace**
Alloy: AS7G06
Dimensions: 420 x 400 x 315 mm
Weight: 7 kg



Sand Casting

Application: **Defense**
Alloy: AS7G06
Dimensions: 1350 x 850 x 350 mm
Weight: 30 kg



Application: **Defense**
Alloy: AS7G06
Dimensions: 1000 x 500 x 500 mm
Weight: 34 kg



Application: **Aerospace**
Alloy: RZ5
Dimensions: 900 x 900 x 300 mm
Weight: 45 kg



Application: **Defense**
Alloy: AS7G06
Dimensions: 2400 x 615 x 480 mm
Weight: 140 kg



Plant Profile



Broad expertise on Al and Mg casting parts for civil and military markets

- Aviation Engine Casings
- Main transmission and auxiliary gear boxes
- Reduction gearbox casing, regulation casings
- Cylinder heads and covers
- Pump housings
- Engine blocks
- Defense solutions

Materials:

Aluminium and magnesium light alloys

Innovative Industrial Manufacturing



Plant Profile



Approvals: ISO-9001, EN9100 / NADCAP NDT, HT, Welding, Chemical Process

On site testing: Metallurgical lab, Chemical spectroscopy, Tensile testing, Hardness testing, FPI, Radioscopy, Xray with film, Digital Xray, Dimensional scan

Casting capacity: Steel 300 tons / year Aluminum 145 tons / year

Weight capacity: Magnesium max.: 350 kg
Aluminium max.: 600 kg

Size capacity: 3 m x 2 m x 2 m