



# 6 Forming : Small Sheet Metal Parts



## PROCESS DESCRIPTION

- NC Router →
- Quenching →
- Aging →
- Fluid Cell press →
- Hydraulic press →
  
- Profile Stretch Press →
- NC Hot Jogging Machine →
- Routing/drilling →
- Surface treatment →
- Painting →

## CAPABILITIES

- 1 x GFM : 3,6 x 2,35m
- 1 x Furnace: 2 x 2,5 x 3,1m
- 1 x Aging furnace: 6,7x2x2m – 50°C to 250°C
- 1 x ASEA Quintus : 2,4 x 0,9 x 0,25m → 1000 Bars
- 1 x LVD MZ : L 6m → 4000kN
- 1 x LVD PPEB : L 3m → 1100kN
- 1 x ACB FEV : L 5,6m → 200kN
- 1 x Metalmatic : L 6,5m → joggles +/- 10mm
- 1 x JO'MACH 131 : 2,4 x 1,2 x 0,9m
- Useful bath dimensions: 6 x 1,5x 2,5m
- 1 Painting/Curing Booth + 1 Conveyor/Thermoreactor



## PRODUCT IDENTIFICATION

- Small Aluminium Sheet Metal Parts, Profile extrusion parts,
- Ribs, Frames, Sill, Stringers with joggles , ...
- Complex parts: Winglet, Weather Seal,...

## QUALIFICATIONS

- EASA Part 21
- EASA Part 145
- EN 9100
- ISO 14001
- NADCAP (heat treatment, NDT, surface treatment, painting)

## DIFFERENTIATION

- Infrastructure and 35 years experience to produce most complex parts
- High Dimensions in Hydroforming up to 2,4m and 1000Bars pressure.
- Hydroforming and stretching simulation software, springback compensation → Final shape in 1 step
- Price attractiveness thanks to state-of-the art equipment and production optimization
- Flexibility & reactivity in production (High volume, different production rates,...)
- Complete D&B Capabilities (incl. Certification)



**Western Quality and Production performance in a « one-stop-shop » and Reach compliant Facility.**