

Advanced Composite: Metal – Metal Bonding

Location: Belgium 

PROCESS & CAPABILITIES

- Surface treatment : Bath Dimensions: 10 x 1,2 x 2,3m: CAA & PSA
- Manual bonding assembly : 1 x clean room of 720m² - class 100000
- Autoclaves: 2 x autoclaves : 12 x 4m and 10 x 3m
- Routing : 1 x 5 axes machine 15,5 x 3 x 1,5m
- Leak test : 1 x tank 8 x 2 x 1m
- NDT Inspection : 3x NDT Robots (Ultra-Sonic Inspections)
- Painting : 1 Painting/Curing Booth + 1 Conveyor/ Thermoreactor
- Final Assembly : Manual or Automated Assembly

QUALIFICATIONS

- EASA Part 21G & Part 145
- EN 9100
- ISO 14001
- NADCAP (Heat treatment, NDT, surface treatment, painting) incl. composite

TYPICAL PRODUCTS

- Trailing edges
- De-icing inner skins
- Bird strike protection Shields
- Spatial structures

