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Advanced Technologies Manufacturing : Metal-metal bonding



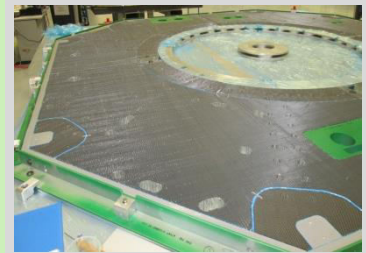
PROCESS DESCRIPTION

CAPABILITIES

✓ ONE-STOP-SHOP

- Surface treatment →
- Manual bonding assembly →
- Autoclaves →
- Routing →
- Leak test →
- NDT inspection →
- Painting →
- Final assembly →

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



PRODUCT IDENTIFICATION

- ☞ Trailing edges
- ☞ De-icing inner skins
- ☞ Bird shields
- ☞ Spatial structures

DIFFERENTIATION

- ☞ SONACA Group experience to support the industrialization of complex parts
- ☞ Design capabilities for bonding toolings
- ☞ Large dimensions
- ☞ Certified staff and process (Nadcap)

QUALIFICATIONS

- ☞ NADCAP : surface treatment, bonding, NDT and painting
- ☞ EN 9100
- ☞ ISO 14001
- ☞ EASA Part 21
- ☞ EASA Part 145

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