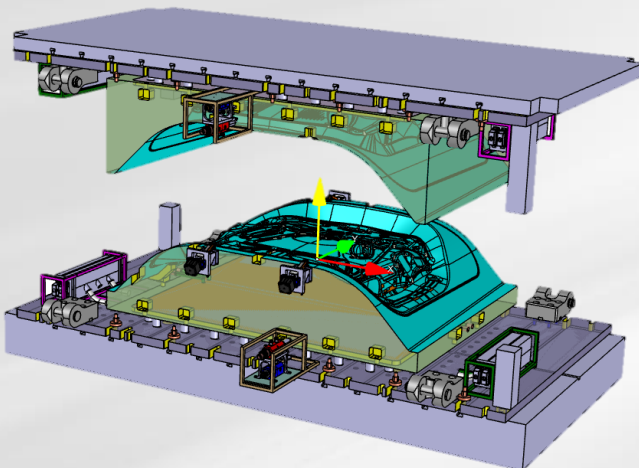
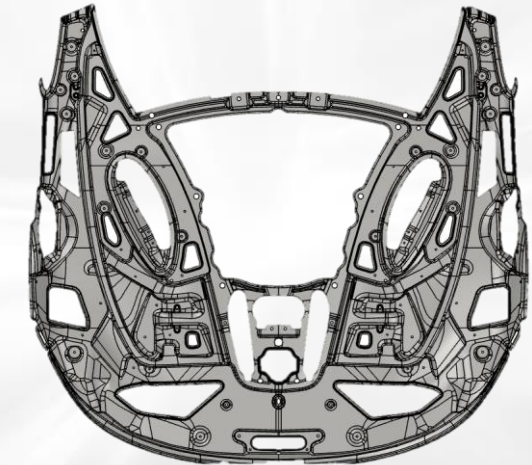
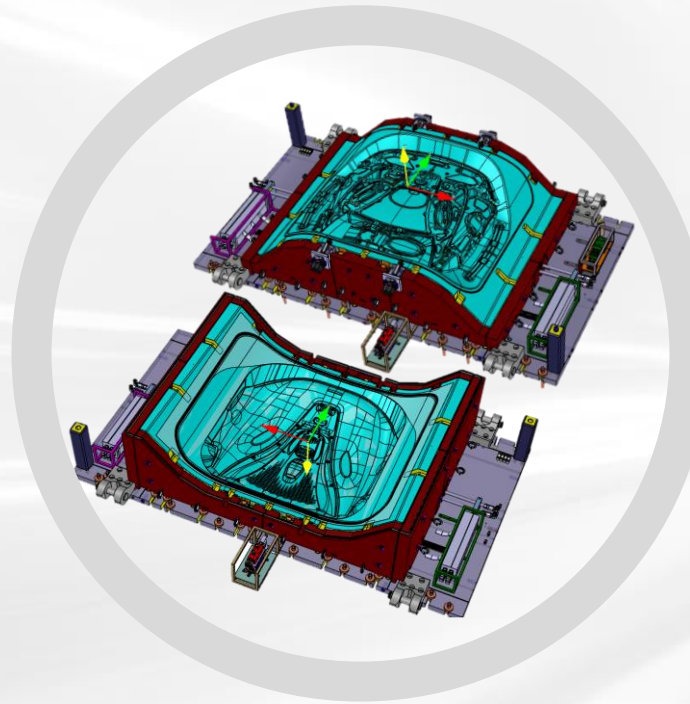


Super Plastic Forming

Super Plastic Forming is an industrial forming process promoting super plasticity to create precise and complex components. Our production process involves stretching the aluminum alloy material at least 200% in elongation, although the deformation can exceed 1000% with some alloys.



Competitive advantage / differentiators

- Class A surface capability
- Excellent detail and a fine surface finish
- Allows for deep draw in formed components
- Lower tooling costs
- More freedom in part design
- No spring back in material post forming

Applications

- Deep-draw components
- Large and complex workpieces
- Low volume, high-end components
- Part Integration / assembly part reduction, reducing total cost
- Weight reduction
- Styling flexibility

SOP

Ideation

Discovery

Concept

Development

Series Preparation

in Production