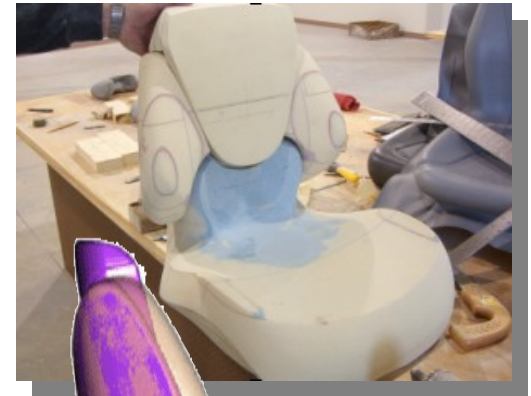
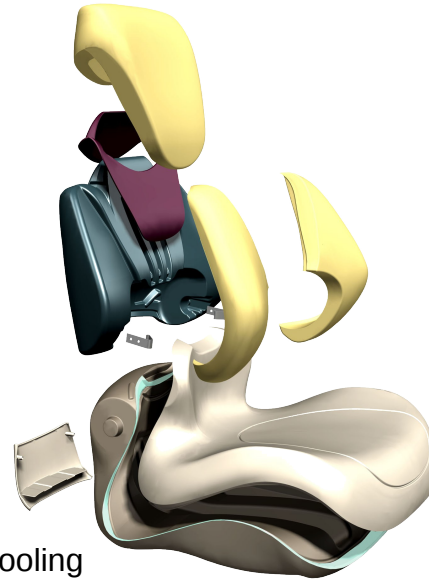


Marine Seating Development with Prototype Delivery

Design Development

- Product Illustrations
- Class A Surface development
- Cushion Surface Model Development
- Integration to Existing Base Structure
- Packaging and Design Feasibility Analysis
- Part fastening development
- Material selection support
- Packaging Design Feasibility
- 3D Models for Prototype and Production Tooling Release
- Detail and Assembly Drawings



Structural Analysis

Situation:

Evaluate per Marine Performance Criteria

Solution

- Durability and Impact Loading
- Correlate Analysis to Physical Testing
- Final Design chosen with only one prototype validation phase
- Reduced number of prototypes through CAE evaluation, more optimized design (cost & weight) in less time

