



TECHNOLOGY-DRIVEN SUPPLY CHAIN SOLUTIONS

Precision Tooling Systems for large composite structures



AIRFRAME • WINGSTRUCTURES • FUSELAGE • STABILIZERS • SKINS

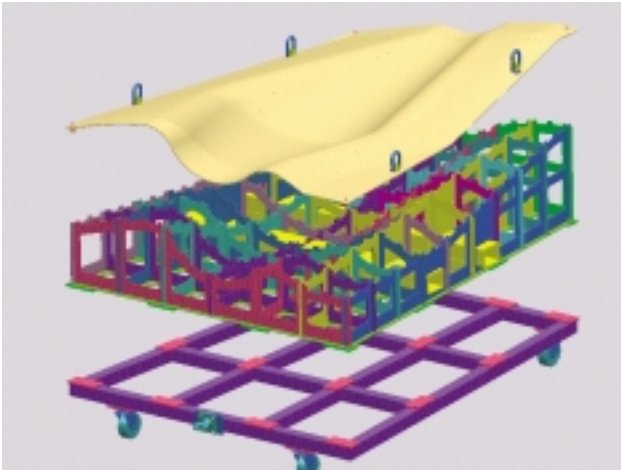


professionalism
commitment excellence

Precision tolerance tooling systems for large composite structures



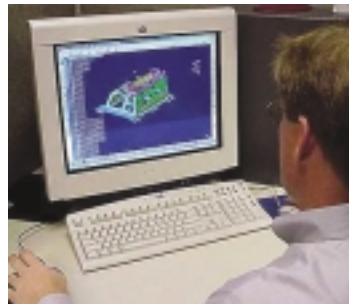
Coast Composites Inc. (Coast) is one of the world's leading, most experienced suppliers of large, flight-tolerance tooling systems for the defense, commercial aerospace and space/satellite industries.



Coast continues to develop new technologies for cutting tool design, machine speed optimization, advanced manufacturing techniques, and cutting-edge information systems. In addition, Coast Composites continually pushes the technology envelope by developing and employing state-of-the-art automated design and optimization software including FEA analysis, 2D drafting, flat pattern creation, and CNC programming. Coast operates a totally paperless enterprise. Future advances will incorporate artificial intelligence into this 21st century process.

Coast Composites provides total solutions to its customers through unsurpassed quality in value-added products and customer service. As a result we work with virtually every major airframe manufacturer in the world.

By implementing continuous improvements in advanced information processing and manufacturing technologies, Coast leads the industry in producing the world's largest, high quality tooling for aerospace prime contractors and their suppliers.





Tools designed and manufactured by Coast have, and are continuing to play, a critical role in the design, pre-production and production phases of many of the most important programs in aerospace, including the B787, A380, A400M, the F/A-22, and F-35.

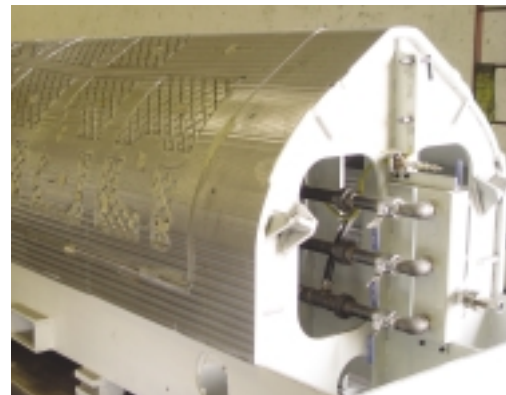


Coast's core capability is in the provision of tooling systems used to fabricate the flight-critical composite structures used in latest generation airframe manufacture. These systems include large fibre-placement moulds, lay-up moulds and resin transfer moulds. Tooling systems are typically manufactured out of Invar, an alloy of iron and nickel known for its controlled co-efficient of thermal expansion, an essential feature to preserve structural integrity of composite structures during the cure cycle, and tools can also be manufactured from monolithic graphite and other materials.



Key facts:

- Precision moulds & tooling for composite parts & assemblies
- Technology leader in tooling for composite parts
- Total "vertical integration" of fabrication has been achieved within our 115,000 sq.ft. expansion
- Complete design & build capability for larger, complex tooling
- All major aerospace prime contractor approvals
- Working on all major programmes; B787, A380, F-22, F-35 and many others
- 5 & 6 axis high velocity CNC machining – designed and dedicated to tooling
- Real-time thermal compensation
- Complete integration allows manufacturing to operate as a "paperless enterprise" utilizing IMIS - Integrated Manufacturing/Inspection System
- Laser trackers are used for fabrication, assembly and inspection





Quality

Coast Composites Inc. is assessed to and holds ISO 9001-2000 certification and holds many Aerospace customer quality accreditations including:

Boeing

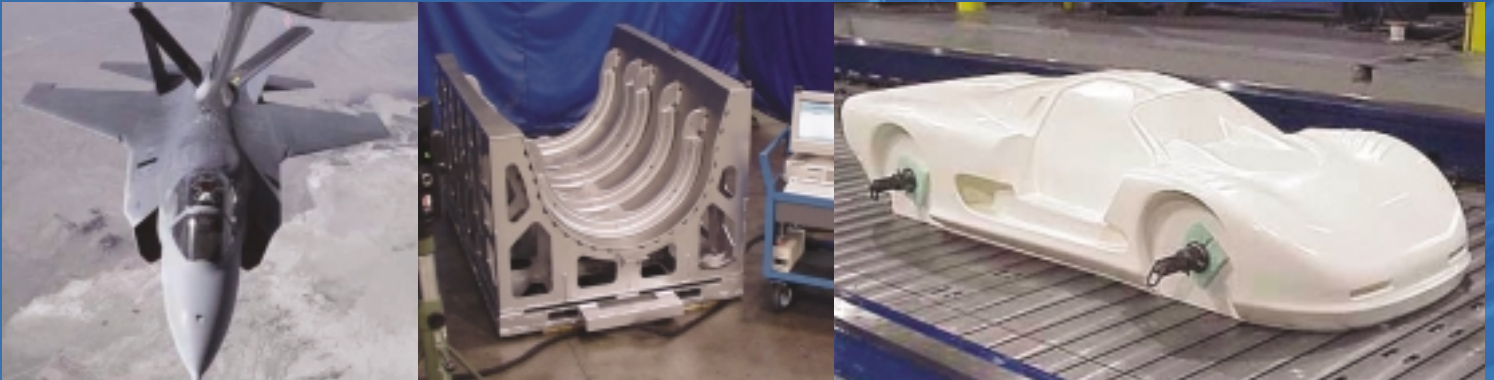
Raytheon

Northrop Grumman

Lockheed Martin

We also are working towards AS 9100 Rev. B approval.

We recognize the highly competitive nature of today's business environment, and we constantly strive to lower costs and throughput times, and to increase the quality and service level of every aspect of our business.



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