



Jeco Plastic Products For The Aerospace Industry

Plastics are coming to the aerospace industry, not just in the latest airframe design, but in the environment which produces 21st century equipment. Components used in the industry are typically high in value and must be handled carefully before final assembly. Items such as turbine blades and complex electromechanical devices, which would be transported in bulk bins in a less demanding industry, must be individually cushioned yet easily accessed during final assembly. Jeco specialized bins and containers enable aerospace manufacturers to protect parts made by subcontractors and to aggregate parts efficiently for assembly. Typical Jeco aerospace container projects include a rack for high-value parts and a plastic enclosure for transporting and storing engines.

In addition to containers, Jeco is frequently called upon to design and manufacture key aerospace structural components in plastic to reduce the weight and machining associated with metal. Key to the ability of Jeco to support aerospace manufacturers in this area is our ability to incorporate different materials and to employ both rotational molding and thermoforming. Jeco recently developed a defense industry product which was transparent to visible light, gamma and x-ray radiation, and MRI devices. Jeco also has designed and successfully manufactured structures using thermoplastic urethane—a capability virtually unknown among conventional plastic molders. The special equipment Jeco uses to manufacture such structures is one of only a few installations in the world.

Jeco design and manufacturing capability can benefit aerospace manufacturers both in transporting high value products and in solving structural problems.



JECO
Plastic Products

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