



Pressurized Aerospace Core Leaching

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Tech Castings LLC (www.techcastings.com) announces the acquisition of a custom-designed and built Pressurized Aerospace Core Leaching Autoclave from LBBC® Technologies of Leeds, England. **Tech Castings** specializes in the production of lost wax investment cast superalloy components for the aerospace and defense industries. Many such components incorporate complex internal passageways designed to mitigate weight and temperature. These design elements are formed using silica-based ceramic cores, which must then be removed from the finished casting using a leaching process. Traditional leaching methods using passive agitated baths of caustic solution are time-consuming, unreliable and can erode the casting surface. **Tech Castings'** new state-of-the-art Pressurized Aerospace Core Leaching Autoclave uses variable-pressure agitation to reduce leaching cycle times to hours from days or weeks while also delivering vastly improved outcomes. Along with leveraging this new technology to reduce lead times on investment cast parts, **Tech Castings** has also expanded its service offering to include contract core leaching services to its worldwide customer base.

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