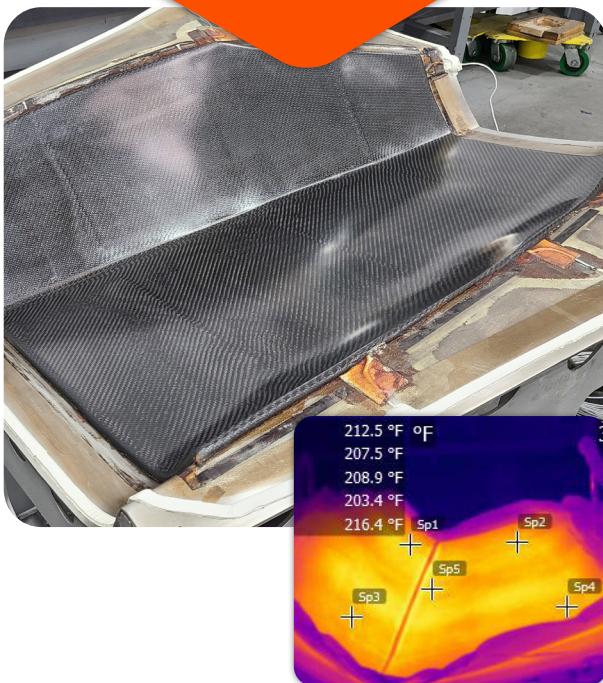


# Out of Autoclave Heated Tooling

Featured at  
CAMX Tradeshow  
Booth: S58  
Veelo Technologies



Ascent Aerospace and Veelo Technologies introduce HyVarC<sup>®</sup> VeeloHEAT OOA Tool, a hybrid Invar and composite mold with integrated VeeloHEAT<sup>®</sup> for Out-of-Autoclave composite processing.

## FEATURES

- Invar Structure + Composite Working Surface with Integrated Heating
- Temperature Range: Up to 375° F
- Superior vacuum integrity
- Dimensional accuracy
- Digital process controls

## BENEFITS

- Lower capital costs vs traditional autoclaves
- Reduced operating footprint
- Faster processing times
- Lower processing costs
- Composite work surface can be re-machined
- Digital integration with quality system

LEARN  
MORE:



Stay Out-of-Autoclave with HyVarC<sup>®</sup> VeeloHEAT OOA Tool powered by Ascent Aerospace and Veelo Technologies.



## Turn-key 'Out-of-Autoclave' Heating Solution: heated tool + heated caul + digital process controls

### FEATURES

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- Simplified touchscreen user interface, tailorable to customer need and use-case
- Cloud based for improved efficiency, access, and over-the-air software updates
- Auto alert features to improve control and help prevent over temp occurrences

### BENEFITS

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- Cost-effective heating control solutions
- Improved thermocouple reliability

### Ascent Aerospace

Ascent Aerospace is a world renowned, single-source provider of production and automated assembly systems for the aerospace, defense and space industries. As the industry's largest tooling group, Ascent produces a full suite of both mold and assembly tooling required for the aerospace manufacturing market, including the largest Invar molds ever made for aerospace. As an automation provider and production system integrator, Ascent works with airframers to develop their project and see it through from process engineering, to build and installation, to ensure it is an efficient and cost effective solution. Visit [www.ascentaerospace.com](http://www.ascentaerospace.com) for more information.

### Veelo Technologies

Veelo Technologies, a General Nano company, is a specialty materials company that develops advanced materials and manufacturing solutions for the fast-growing aerospace and defense composites industry. With headquarters in Cincinnati, Ohio, the company's core competencies include chemistry, materials science, custom formulations, scaled manufacturing, and application engineering. Veelo Technologies supplies lightweight, electrically conductive materials for Electromagnetic Effects (EME) and turn-key out-of-autoclave heating solutions for composite processing and repair. Veelo's electrically conductive materials offer lightweight lightning strike protection, EMI shielding, and RF protection. Visit [www.veelotech.com](http://www.veelotech.com) for more information.