

## Harbec, Inc. Adopts SOLIDWORKS Plastics Simulation Software

***Custom Injection Molder, Harbec, Inc. optimizes its injection mold design and production with the software solution, resulting in lower operating risks and greater value to customers.***

February 20, 2015  
Ontario, NY

HARBEC, Inc. ([www.harbec.com](http://www.harbec.com)) announces the implementation of SOLIDWORKS Plastics, a [software simulation tool](#) developed by Dassault Systems SOLIDWORKS Corp. SOLIDWORKS Plastics software allows product designers, engineers, and tool makers to simulate melted plastic within the injection mold allowing manufacturing parameters to be better defined, resulting in greater predictability and understanding of mold performance and part quality.

HARBEC has been an avid adopter of software tools to enable its toolmakers, engineers, and production team to continuously improve performance while providing customers with the greatest value and lowest possible risk.

Paul Scheible, Manager of Engineering at HARBEC remarks, *“Our adoption of SOLIDWORKS Plastics provides us with additional capability for reducing risk and optimizing valuable resources. With SOLIDWORKS Plastics we are able to run custom simulations using a diversity of scenarios which results in the design, manufacture, and use of more precision molds. The predictive capability of this new software tool holds great potential to save us and our customers’ time, money, materials, and unplanned setbacks. We are already seeing immediate benefits from our use of SOLIDWORKS Plastics.”*

Software tools provide tangible and intangible value for manufacturers. Software solutions like SOLIDWORKS Plastics’ allows designers and tool makers to more accurately predict the flow of plastic within molds so that mold design can be optimized for cycle time, part quality, waste avoidance, and other key operating and performance parameters.

Keith Schneider, General Manager at HARBEC further adds, *“HARBEC is committed to operating in a resource efficient manner. We are committed to excellence in all that we do, including continuously improving our sustainability performance. Software tools like SOLIDWORKS Plastics have opened up additional possibilities for HARBEC to optimize the efficiency and performance of our injection molds. In the process we are now seeing ways to reduce waste, optimize cycle times, reduce energy, and deliver a superior value and precision part to our customers. Additionally we are able to deliver more accurate and lower cost quotes for molds with the help of SOLIDWORKS Plastics. The software has provided us with an analytical tool that more accurately predicts tool performance and part quality, allowing us to have greater confidence in what we quote to customers. Ultimately we believe software solutions like these allow us to better manage our internal risk and ensure there are no surprises for us or our customers.”*

SOLIDWORKS Inc. offers tutorials and demonstrations on their products including their SOLIDWORKS Plastics simulation software. [Contact](#) SOLIDWORKS for more information.

For more information on Harbec please contact us, [info@harbec.com](mailto:info@harbec.com).

# # #

### *ABOUT HARBEC*

Founded by Bob Bechtold in 1977, Harbec's mission is to provide tightly tolerated prototypes, tooling, machined components and quality injection molded parts in a sustainable manner with a social conscience. Harbec provides superior customer service, satisfaction and timely delivery of custom engineered solutions. Harbec proudly foster an atmosphere of encouragement and respect for the health and prosperity of their customers, employees, and the global community.

Harbec provides capabilities and solutions for the consumer products, sporting goods, defense/aerospace, transportation, medical, marine, and energy industries. Harbec has capabilities in the use of innovative materials, problem-solving, and working with R&D and commercial organizations on unique prototypes or engineering and manufacturing groups on high volume production. HARBEC has capabilities for short (1-to-100 parts) or longer run (>1M parts) production.

Harbec is certified as an ITAR, ISO9000-2008, ISO14001, and ISO50001/SEP Company, demonstrating its use of "eco-economic" decisions and policies designed to ensure that its activities are sustainable. Harbec has developed and implemented technical and process solutions to offset emissions, utilize waste and conserve resources. Harbec reached its goal of "no carbon footprint" in 2013. Currently, the facility has a 250kW and 850kW wind turbines and operates a twenty-five microturbine combined heat and power plant which generates electricity and provides thermal energy to meet the heating and cooling requirements of the facility. For more information, please visit: [www.HARBEC.com](http://www.HARBEC.com).

Media Contact: Kate Chamberlain, HARBEC, Inc., (585) 265-0010, [katec@HARBEC.com](mailto:katec@HARBEC.com).