

SolidCAM

The Leaders in Integrated CAM

Happy Holidays!



SolidCAM News

December 2010

Dear Subscriber,

Happy Holidays to all our SolidCAM Customers, Resellers, Partners and Prospects. As we come to the close of the best year ever for SolidCAM, we look at the SolidCAM newsletter and ponder if it succeeds in providing you with information that is interesting, informative and most of all, worth your time to read. Are we doing all we can to bring you a newsletter that you deserve for being incredibly supportive and helping us be the fastest growing CAM software in the market?

Sure, we continually tell you about the [incredible deals on SolidCAM products](#), we share [success stories](#), hold [contests](#) and post [tips and tricks](#), but is it enough?

As we close out an incredibly successful year, I ask one thing from you. Please tell us what would make you most look forward to our newsletter every month. In return, I have several [SpaceNavigator 3D Mice](#) from 3Dconnexion to [give away](#) for the best suggestions.

Thank you again from the SolidCAM team and we look forward to all your comments and suggestions.

Sincerely,

Shaun Mymudes
Sales Manager-Americas

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Hot Year-end savings!

***The first 5 orders after the launch of this newsletter get a Free 3D Mouse from 3Dconnexion!**



*Does not include Xpress, Training, Postprocessors, or Subscription orders.

Educational Packages



Attention educational professionals!

SolidCAM regards the educational industry as the life blood of manufacturing. Accordingly, we will work with you to ensure you can bring SolidCAM into your classroom.

Please [contact us](#) for customized packages to fit any budget.

Upgrade this newsletter - Win a 3Dconnexion 3D Mouse



This newsletter is your opportunity to connect with SolidCAM for valuable information every month. To ensure we provide content that you will look forward to, we have set up a contest to reward the best ideas for this newsletter.

Please click on our suggestion box to let us know what you would like to read about in future issues and you will automatically be entered into our 3D SpaceNavigator mouse give away. Our staff won't program parts or do a demonstration, without a 3D Mouse.

SolidCAM 2010 is certified for use with all 3Dconnexion devices.



Tips & Tricks of the Month from the SolidCAM Professor



Tools for producing documentation and set-up sheets in SolidCAM

Please [click here](#) to see some of the new tools for producing documentation and set up sheets in SolidCAM.

Cool Part of the Month

Congratulations to Curtis Barbre of Ferra Designs in Brooklyn, New York for winning the coolest part of the month contest.

Please send your entries to Shaun.m@solidcam.com.



Success Story with Boulder Engineering Studio

Upstart Engineering Firm Chooses SolidCAM for Its key advantages



Like many citizens of the beautiful community of Boulder, Colorado, Dan Bodenstein and John English have always had a strong interest in the outdoor, open-air activities and the environment. Dan has a very strong interest in the world of scuba diving and was honored as the recipient of the "Our World Underwater Scholarship Society Ocean Engineering Internship" in 2007. John is an avid cyclist and has a great interest in human assisted electric vehicles and regenerative braking systems. Both are graduates of Colorado University in Mechanical Engineering, and both have an entrepreneurial spirit. Combining their common interests and background, they decided to form a partnership and start the Boulder Engineering Studio, specializing in helping others solve their design and manufacturing needs.



Dan Bodenstein (left) and John English (right)

The firm first started out with a project straight out of Dan's background, Scuba Diving. Dan saw a need for a better system of video lighting in deep water dives, so Dan and John set out to design a new lighting system that was capable of operating in deep water. Being users and big fans of SolidWorks, they were able to easily design a new LED Lighting system, with a 4000 to 7000 lumen range, that can handle the demands of deep water diving. With the use of their highly modified ShopBot PRS Alpha Gantry Router/Mill, they were able to easily produce the parts needed for the new design.

One of the challenges they faced when producing their new parts was that the proprietary CAM software that came with their machine. It was very difficult to quickly make changes to the tool paths when the part was changed. As is the case with many prototype projects, design changes can be numerous. Dan and John found that a simple change to their part, which may take just a few minutes in SolidWorks, was taking close to 20 hours to get the toolpaths updated to match their part. This is when



they decided to start looking for a software package that was tightly integrated into SolidWorks, had the ability to update the toolpaths quickly when the part was changed, work with assembly files and was easy to learn and use. [\[read full story\]](#)