

## Design-To-Cut: Customer Testimonials

Design-To-Cut® is a plug in for OMAX's standard Layout CAD/CAM package for use with OMAX and MAXIEM JetMachining Centers. It provides advanced offsetting and veining capabilities. It works by taking selected drawing elements and offsetting them to give them thickness. The offsetting routines are very sophisticated, and can handle complex geometry and offsetting situations where other offsetting routines struggle.

Useful applications include:

- Create artwork from scanned or CAD drawn line drawings quickly.
- Convert font layouts into joined together "bubble text" for easy waterjet cutting
- Offset paths for efficient programming of bevel cuts along complex curved surfaces
- Uniform offsetting features to provide extra material for secondary operations
- Create "I-Beams" to replace lead between stained glass for faster custom stained glass creations
- Create grout lines for inlay work and offsetting pieces to resize for precision inlays
- Create grills, fences, grates, and other artwork.

**See following pages for customer testimonials and photos..**



[Photos from John Groth, Waterjet Design]

*“Design-To- Cut Is a must have tool for bidding and design. I can change or create offsets for custom inlay in the fraction of the time it used to take. Separating elements for quick bidding has enabled me to have quick turnarounds on bids without all the time and effort. Customer line art is less of a problem; I no longer have to individually offset every element. Design-To- Cut will continue to save me Time.” - John Groth, Waterjet Design*

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[Photo from Trudianne Temple, Direct Waterjet, Inc.]

*"...My most sincere thanks for developing such a useful and time saving software as Design to Cut. We use it with our OMAX Layout program and it has saved me countless amounts of time.*

*We've purchased other software, thinking it would make laying out and adjusting customer files quicker, but every other program or add-on has ended up deemed "Eh... ok but not worth the hassle" except Design to Cut. I use Design To Cut so much that I've asked the software engineers at OMAX to program a keyboard shortcut for it.*

*Every single time I layout a customer file to be cut, I use Design to Cut to give me the edge allowance needed for fixturing. Instead of taking 12 or more mouse clicks and several minutes of time, it now takes about 4 mouse clicks and only a few seconds. Minutes may not seem like a long time but it is eternity when you want to get on with the real business at hand.*

*When I have to stencil letters, offset a series of irregular line segments and/or curves, increase the thickness of a tab, or design any kind of inlay, I use Design to Cut. I can take a customer's line drawing and with only a couple of mouse clicks, turn it into a clean file appropriate for waterjet cutting. After offsetting, I no longer have to delete extraneous line segments/arcs or smooth inside curves where offsetting has given me a point instead of a nice rounded curve. It follows the original. No duplicate lines, no filling gaps when offsetting outside curves, no going back and having to fillet missing corners on angular parts -- no wasted time when offsetting anything.*

*All I have to do is offset and I'm done. It couldn't be more simple or more effective.*

*For giving me time to concentrate on the creative parts of setting up and adjusting customer files rather than wasting time cleaning up the minutiae left after traditional offsetting, you have my deep gratitude." - Trudianne Temple, Art Department & Owner, Direct Waterjet, Inc.*



[Photo from Blane Newton, Sterling Edge Industrial Cutting, LLC. Picture notes: "We used the software to create all of the grout offset gaps and cut file for the whole medallion. The medallion was made from three separate cutting processes/materials and the software allowed us to easily calibrate all the cut sizes flawlessly" – Blane Newton.

*"Design-To-Cut paid for itself in just two uses! The amount of design time saved was incredible. Design-To-Cut allows us to work up multiple options for our clients in a matter of minutes, giving our clients better choices, allowing them to make a selection to close the sale. The ease and simplicity of the Design-To-Cut software provides quick and powerful results that would take hours to do manually. What would that look like? Design-To-Cut allows us to see the possibilities in minutes!"*

*From concept to design to cut in minutes. We love it! Using Design-To-Cut, we were able to increase our profits while at the same time lower our prices, allowing us to be more competitive. Design-To-Cut, it's simple, powerful and just works!" - Blane Newton, Sterling Edge Industrial Cutting, llc.*

More..

"Jim Lindsay, Jim Corbett,  
I'm finally getting to the recommendation for the Design to Cut program.

We are daily users of Design to Cut and use it more each day. I use it extensively with our laser system to set offsets when cutting vector files. With our laser, setting the correct offset is a chore and doesn't always give the best results. Now with Design to Cut, NO PROBLEM. Normally I would have to close gaps and overlaps, correct corners and make sure everything was connected. No more. With the waterjet (OMAX software) the Design-To-Cut software is a plug-in and reduces the time to create and clean artistic files, design inlays, set grout lines for tile installation, set letter gapping for signage, and numerous other situations. The software makes offsetting easy and eliminates the chore of offsetting.

I can select a group of connected lines, choose an offset, choose inside / outside or both, and choose the type of intersection connection I want, and press a button. What I get is an offset with the ends connected and the corners connected. I don't have to go back and connect all the ends of lines and curves. A LOT of time saved! I highly recommend this product and wonder why a product like this wasn't invented earlier.

I also cannot say enough about the software writers. They have gone above and beyond developing this product. During some of the beta testing, I incurred some minor problems and they were right there with a fix. They really know what they are doing and listen to the users. Thanks to Jim Corbett and Jim Lindsay." - **Jim Draper & Gail Draper / owners: Rocky Mountain Waterjet**

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Posted on [waterjets.org] Yahoo discussion group:

"I just did a one month free trial of Design-to-Cut software. It's basically an offsetting package that automatically does what you had to manually do in Layout, AutoCAD, or Adobe Illustrator. This is perfect for someone who cuts lots of multilevel text or signs, or if you do inlay work, like with tiles. Normal offsetting creates lots of gaps and overlaps that had to be cleaned up for minutes or hours, and this is done automatically in seconds. Take a look at their website. And no, I don't work for them, and I don't get a cut, and I don't know anyone there; it's just a good product that you should review for your shop. <http://www.lcstrategies.com/>" - **Mark M, Triton WaterJet, Napa, CA**

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*"I've been using the Design to Cut software for several months now. Its offset features have become a welcome Layout extension, and a regular part of my process. It outputs very finished results, with no unconnected paths or unnecessary lines, and is quite customizable.*

*The one time I did have an issue with a feature not giving me the results I expected, their customer service was easy to talk to, understood the nature of my problem, and they had it figured out immediately.*

*I often need to nest large numbers of complex shapes into irregularly shaped material, and Design to Cut has taken the guesswork out of the process by creating offset boundaries set to my cut tolerances. It's pretty handy for things like inlay work and forming tools, where you often need to change the dimensions of a whole complex pattern by just a tiny bit (this used to drive me crazy). Just scaling it makes everything stretch unevenly, and before I had this extension, it took forever. I'm looking forward to seeing what they come up with next."*

**- Trevor Shirk, Holly Yashi**

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