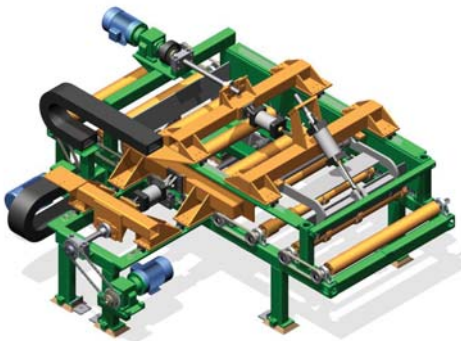




## Con-Vey Keystone, Inc. Implement Autodesk Inventor®



### → THE CUSTOMER

Con-Vey Keystone Inc. located in Roseburg, Oregon is a leader in the manufacturing of Custom Engineered Material Handling Solutions. They manufacture large conveyors, coolers and stacking equipment to the wood panel industry. Con-Vey supplies custom engineering and equipment for new facilities or existing production lines.

### → THE CHALLENGE

The company had a number of issues with their current design application software. One major concern was the time spent on engineering standard models. "We have a lot of standard models that require minor changes from one job to the next - whether we lengthen or shorten them. It was taking too much time to completely redraw them in AutoCAD® 2006," stated President, Dave Larecy.

### → DESIRED OUTCOME

They wanted to have the ability to change the engineering models parametrically, which they recognized would save them time and money. Another major goal was to reduce the rework in the manufacturing facilities by eliminating component interference. "Con-Vey Keystone, Inc. is committed to staying ahead of the competitive curve and wants to capitalize on the technological advantages of working with the latest industrial design tools," confirmed Dave.

### → THE SOLUTION

Con-Vey Keystone, Inc. researched several different design application software packages such as ProE and SolidWorks. Dave noted, "To help us explore our options, IMAGINiT presented an onsite demonstration of Autodesk Inventor."

Autodesk Inventor seemed like a natural progression for their organization because most of their engineers were familiar with the base model and had a starting point for transitioning into 3D design. However, that was not the deciding factor for them. The real reason surfaced when they sent their lead engineer to an IMAGINiT Introductory Inventor training class in Portland. "That gave us the ROI details from a user standpoint and allowed us to analyze the cost benefit to our organization. The process really helped us decide to focus on Inventor, which turned out to be very beneficial to us," noted Dave.

"IMAGINiT was instrumental in providing a solid implementation plan," acknowledged Dave. IMAGINiT's Take AIM (Assured Implementation Method), a proven repeatable process, was introduced and adopted by Con-Vey Keystone, Inc. who valued the benefits of the multi-phased plan in reducing overall impact during implementation. "As the implementation moved forward, we were very happy with IMAGINiT's level of training and understanding of not only the technology, but our industry challenges. IMAGINiT's Take AIM program was a tremendous help for our organization and we recommend the program to any organization transitioning to 3D technology," validated Dave.

### → ACTUAL RESULTS

Con-Vey Keystone, Inc. reaped multiple benefits after the implementation of Autodesk Inventor and the utilization of IMAGINiT's professional services.

"When using 2D AutoCAD, it was hard to see interference on component parts for our more complicated equipment. The 3D technology allowed us to eliminate inferences and reduce production rework to make things fit. We have seen 20% reduction in engineering labor for our standards models. We expect this number to grow as we move forward with the technology," stated Dave.

One of the features, which was not part of the justification for the software purchase, really amazed Con-Vey Keystone, Inc. "The animation of the 3D models really impressed our sales group, marketing department, and board of directors. We have experienced a tremendous value in being able to visually represent our products through 3D animation technology. It removes barriers that might exist with clients and allows them to visually see what we're doing with these pieces of equipment. This is one area in which we are extremely happy and plan to further develop and grow," concluded Dave.