Malow Sp. z o.o.

Customer Success Story

Autodesk® Inventor®
AutoCAD®

Inventor assists in facilitating informed and streamlined decision-making by helping us realize a wide range of design iterations without having to build physical prototypes. As a result, we've dramatically sped up the design process and reduced our time to market by almost 50 percent.

—Adam Owsiejew
Chief Design Engineer
Malow Sp. z o.o.

Furniture of the future.

Malow gains a competitive edge with Digital Prototyping.

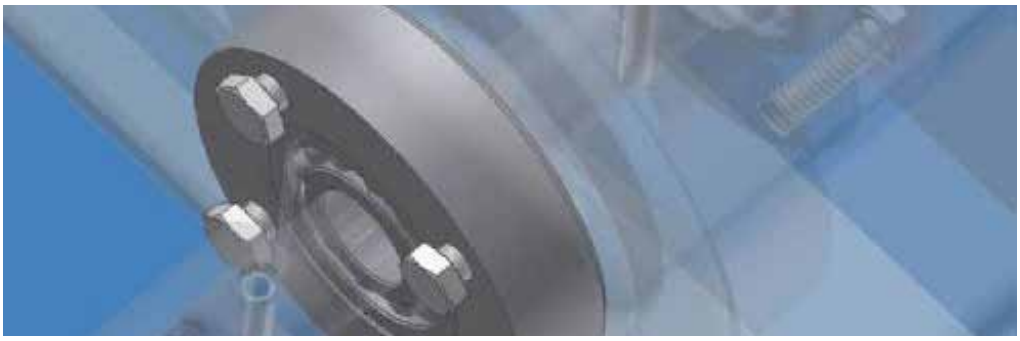

Image courtesy of Malow Sp. z o.o.

Project Summary

Malow Sp. z o.o. is noted for being one of Poland's most outstanding business successes. Since 1989, the company has grown dramatically to garner a leading share of the domestic metal furniture market, as well as export a major portion of its production abroad. Continually evolving at the leading edge of technological innovation, it delivers thousands of top quality designs each year, reflecting the very latest trends in ergonomic and lifestyle features.

To improve on overall consistency and quality as its growth accelerates, the designers at Malow decided to move beyond 3D to Digital Prototyping. They deployed Autodesk® Inventor® software, which enables them to:

- Cut time to market by almost 50 percent
- Improve design quality by reducing errors
- Communicate more easily with customers

The Challenge

To keep pace with its ever-increasing sales of custom-designed furniture, Malow needed to handle its orders as quickly as possible—as well as decrease errors and create an overall experience that is stress-free for its customers.

"What counts most with our new customer orders is speed in producing a quote," says Adam Owsiejew, chief design engineer at Malow. "We always need to quickly access information that allows for a variety of 'what if' analyses. Time is crucial to us."

The Solution

Before selecting a 3D solution, Malow thoroughly analyzed the market.

"We took a careful look at available solutions," says Owsiejew. "Autodesk Inventor won the nod from us because of its user-friendliness and compatibility with AutoCAD®. We knew our engineers would be able to quickly achieve top performance using this software."

Besides reducing the time and training required for users to become proficient in a Digital Prototyping workflow, Inventor enables Malow to leverage its valuable DWG™ data (DWG is the native file format for Autodesk's AutoCAD software) to build accurate 3D part models and generate documentation from the digital prototype.

The company's use of Autodesk Inventor also extends beyond the engineering department. In the case of custom orders, the software is used to develop high-quality photorealistic renderings and presentations to improve communication with customers and other decision makers. Different versions of the product can be shown, and at this stage, it is easy to approve the proposed solutions or introduce new changes. The drawing views are associated to the original components, so changes made to any part or assembly are automatically reflected in the 3D model.

The Result

The designers at Malow say that Digital Prototyping has resulted in significant time and cost savings, increasing the company's competitive edge.

"Inventor assists in facilitating informed and streamlined decision-making by helping us realize a wide range of design iterations without having to build physical prototypes," says Owsiejew. "As a result, we've dramatically sped up the design process and reduced our time to market by almost 50 percent."

For more information on completing projects faster with Autodesk Inventor and Digital Prototyping, visit **www.autodesk.com/inventor.**

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