



DAVID KRYNAUW DESIGN

David Krynauw Design (Pty) Ltd / CK Nr: 2021/946398/07

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Title: Streamlining Furniture Design and Manufacturing with Fusion 360

Customer Challenge:

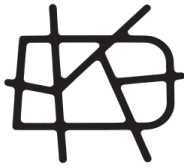
David Krynauw Design (pty) Ltd., a furniture design and manufacturing company, faced challenges moving from their 2D design environment and secondary CAM process, which hindered their ability to seamlessly integrate design with production. They needed a comprehensive 3D design software that would enable them to create accurate and detailed 3D models, visualize final products, track part numbers, and simplify version control.

Project Goals:

1. Migrate from a 2D design environment to a comprehensive 3D design software.
2. Improve accuracy and detail in design visualization and track part numbers.
3. Simplify version control to enable real-time design-to-production translation.
4. Streamline CNC machining to optimize cutting parameters and save time and resources.

Solution:

David Krynauw Design implemented Autodesk's Fusion 360 to streamline their furniture design and manufacturing process. Fusion 360's 3D design capabilities enabled the company to create accurate and detailed 3D models of their designs, which allowed them to visualize final products and develop the metadata needed to create and track part numbers. The software's version control features eliminated the challenge of keeping track of the most recent amendments and facilitated real-time design-to-production translation. Moreover, Fusion 360's advanced CAM features enabled the company to streamline CNC machining by generating tool-paths and optimizing cutting parameters.





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Business Outcome:

By implementing Fusion 360, David Krynauw Design significantly improved their furniture design and manufacturing process. They were able to seamlessly integrate their design process with production, reduce errors, and streamline CNC machining to optimize cutting parameters and save time and resources. The software also allowed them to track part numbers and facilitate BOM development, enabling them to expand their business.

Conclusion:

Migrating from a 2D design environment to a comprehensive 3D design software can be a challenging process. However, with Autodesk's Fusion 360, David Krynauw Design was able to overcome their challenges and streamline their furniture design and manufacturing process. By improving accuracy and detail in design visualization, simplifying version control, and streamlining CNC machining, the company has expanded its business and achieved new heights in its industry.