CUSTOMER USE CASE

Blower Manufacturer reduces time to deliver by 10% using Design Configurator

CLIENT: Leading manufacturer of high quality of industrial blowers for more than 50 years.

BUSINESS DRIVERS

The client is facing the list of following design challenges in releasing the manufacturing drawing.

- Turnaround time for customer enquires
- Human errors at the stage of design due to repetitive tasks
- Retaining engineers having trained knowledge in fan design concepts
- Excel based design charts and component selections
- Increasing overheads required to design standard fan types.

OUR SOLUTION

- An automated Centrifugal fan design configurator that works on latest quantum leap technology which helps the client to make fan drawings by just feeding the input parameter for each series.
- Based on the computed size and configuration of each component a 3D model is generated by the configurator which caused by static and dynamic analysis of fan design and also the complete set manufacturing drawings for all the components.
- BloWorX is dedicatedly developed for client by converting their excel based design data into a software which made the design process simple and more accurate.

BUSINESS BENEFITS

- Releasing production drawing in a single click
- Helps to share 3D model of Fan to Customer instantly
- 0% Error free drawings
- Submitting Quotation in a single day
- Saves 80% of Design Time and cost
- ROI would be 45-60 days lesser than actual

About MNES: We are a full-service team committed to provide solutions for your engineering needs. As innovative thinkers and expert collaborators, we combine our expertise to help your facility evolve to the next generation.

- Our team of experts have worked with large companies in areas like engineering design, engineering process, support, automation, and fabrication.
- Our services have enabled more companies to save significantly in terms of cost reduction, improved time to market, and process optimization.