

GODREJ & BOYCE MANUFACTURING COMPANY LTD.

Reducing design time with SolidWorks Professional



Godrej Vending has found SolidWorks Professional's part-within-part feature to be highly useful.

Godrej & Boyce Manufacturing Company Ltd., the holding company for Godrej Group, began in 1897 manufacturing high quality locks. The company has come a long way since then, operating in over 15 diverse businesses ranging from industrial to office and consumer divisions, touching the lives of approximately 500 million Indians every day. The company's commitment to quality, attention to detail, and customer-centric approach has helped them gain their customers' trust around the world.

Godrej & Boyce manufactures hot beverage table top vending machines under their Godrej Vending brand, a popular product of Godrej with a loyal customer base located throughout the globe.

Initially, Godrej Vending used a 2D design platform to develop machine designs, which made it difficult to accurately visualize the product and was laborious and time-consuming to use. The company had to create multiple prototypes before they could get an accurate product.

Cutting back on design time

In order to streamline the design process, Godrej Vending moved to SolidWorks® Professional in 2005 to develop the mechanical designs for their vending machines. SolidWorks Corporation organized a comprehensive training session for Godrej to ensure a seamless transition from 2D to 3D design.

Challenge:

Find a better way to visualize the product more accurately. Eliminate the creation of multiple prototypes.

Solution:

SolidWorks Professional improved product visualization in 3D and cut down on prototypes to increase productivity.

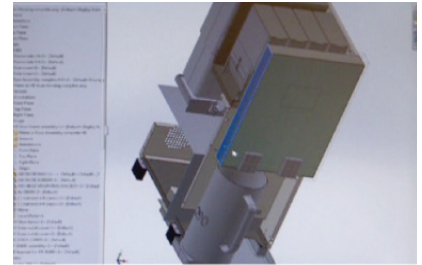
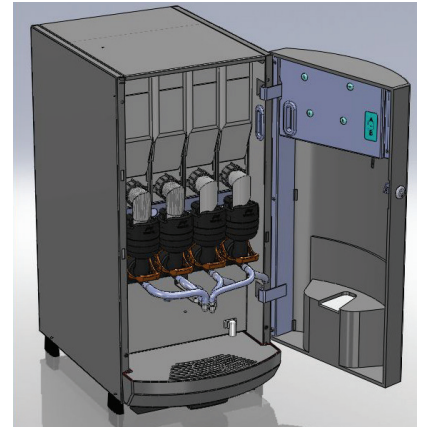
Results:

- Reduced design time by 20 percent
- Improved product quality
- Enhanced prototype accuracy
- Increased Marketability

With the implementation of SolidWorks Professional, the company successfully cut its design time by 20 percent and substantially improved their productivity. Using 3D design solutions also helped them enhance product quality with improved designs, leading to more accurate prototypes. The innovative features offered by SolidWorks Professional allow designers to create varied designs for vending machines, giving them multiple options for creating the final product. This new, accurate data is used later for developing the prototype, which is then used for verification and simulation.

Assemblies made easy

Godrej Vending has been using SolidWorks Professional for eight years now and are extremely pleased with the outcome. The software is very user-friendly and the regular training sessions as provided by Addonix Technologies ensures that design engineers experience smooth software operation. The engineers find SolidWorks Professional's part-within-part feature to be highly useful. The designs created with SolidWorks Professional are also used to create spare part catalogues for the service department and high resolution rendered images are used by sales and marketing.



Regular training and timely post-sales support as provided by Addonix Technologies ensures that design engineers experience minimum glitches while using the software.



Godrej & Boyce Manufacturing Company Ltd.
Godrej Prima, Plant 14 P,
Pirojshanagar, Vikhroli,
Mumbai - 400079 INDIA
Phone: +91-22-6796 5656 / 5959
www.godrejvending.com
VAR: Addonix Technologies, Mumbai, INDIA



Dassault Systèmes
SolidWorks Corporation
175 Wyman Street
Waltham, MA 02451 USA
Phone: 1 800 693 9000
Outside the US: +1 781 810 5011
Email: generalinfo@solidworks.com
www.solidworks.com

