

# CASE STUDY

## HOW SOLIDWORKS MADE THE DESIGN TO MANUFACTURING PROCESS A LOT SIMPLER

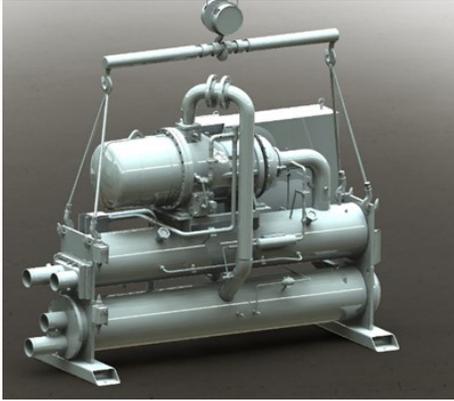
The company is jointly promoted by Switzerland's Volkart Brothers and India's Tata Sons Pvt Ltd.

When the Swiss based Volkart Brothers joined hands with Tata Sons Limited over 6 decades ago to create Voltas, they believed that innovation could change the world. Today, Voltas continues to stand at the forefront of re-engineering the future through innovative thinking and smart engineering.

As India's largest air conditioning company, Voltas is also one of the most reputed engineering solution providers specializing in project management. Voltas plays a vital role in developing the infrastructure of the nation as well as exporting their unparalleled expertise across Technology, Engineering, Construction, Cooling and Ventilation, Infrastructure Projects, Textile, Mining and Manufacturing sectors, making them one of the most trusted and reliable engineering solution providers.

### Products Overview:-

- Air Conditioners
- Air Coolers
- Commercial Refrigeration Products
- Water Coolers
- Water Dispensers



"Everything we do from designing new products, generating manufacturing drawings, working with assemblies and communicating with manufacturing people everything is lot simpler with SOLIDWORKS"

**Mr. Shivsagar, Design Engineer**

### CHALLENGES :

- Assembly Design streamlined, Time consuming product development stage as 2d drawing was difficult to visualize and modify.
- Streamline design with manufacturing.
- Configuration and Design Variation.
- Configurable drawings for each manufacturing process.
- Design Checker to validate Standard Process.
- Creating multiple task at single click.

### SOLUTION :

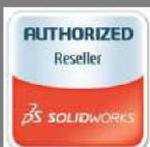
Implemented SOLIDWORKS Professional software in every stage, from new product concept development to mass manufacturing and customer satisfaction with support of **Addonix Technologies Pvt. Ltd.**

### CUSTOMER BENEFITS :

- Configuration and Design Table is helping to reduce Design time.
- Task Scheduler is helping to create multiple task.
- Solidworks Design library is very useful.
- Reduced design and development cycle time by significant amount
- Reduced design errors greatly and improved product aesthetics
- Solidworks treehouse and configuration functions are very useful in manufacturing
- Solidworks rendered images, videos and 3d pdf fetched improvement in training, marketing and presentation

**Voltas Ltd.**

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Addonix Technologies Pvt Ltd.