

## ECONOMY PROCESS SOLUTIONS

### Designing Continuous Evaporation System Project with SOLIDWORKS Solutions



Economy Process Solutions Pvt. Ltd., established in 1926, offers Vacuum Systems, Lobe Blowers, Process Gear Pumps, Liquid flow meters, Food and packaging X Ray systems, Effluent Treatment plants including Zero Liquid Discharge systems and various Process equipment.

Economy designs and builds complete customized solutions for Process and Vacuum requirements for varied applications across industries. Economy, with its Corporate office in Mumbai and branches in Chennai, Nasik, Delhi, Hyderabad, Pune, Ahmedabad and a countrywide Dealer network, reaches out to customers located across the Indian sub-continent.



#### Challenges:

- ❖ Complex Piping & Routing Designs
- ❖ Piping Lengths Calculation
- ❖ Reduced Design Time
- ❖ User-friendly Interface

#### Solutions:

- ❖ Implement SOLIDWORKS Premium

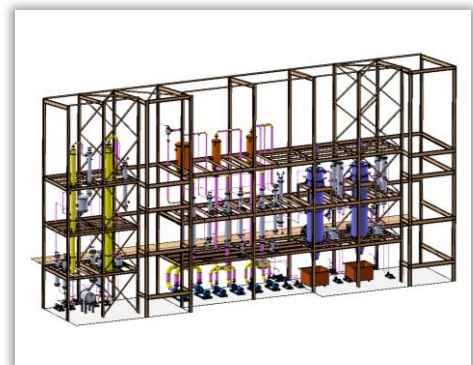
#### Benefits:

- ❖ SOLIDWORKS is a very User-Friendly Software for Designing.
- ❖ SOLIDWORKS helps very well in Piping and Routing.
- ❖ Piping Lengths Calculation in SOLIDWORKS helps in saving a lot of Time and Money.
- ❖ Large Assembly & Interference Detection Tools are very useful in our design process.
- ❖ With the help of eDrawings, CAD Data could be carried on Phones for any outstation customers or webinars and can be shared easily with others.



#### Results:

- ❖ Reduced 60% in Design Cycles by using SOLIDWORKS.
- ❖ Accelerated Time-to-Market by 60%.
- ❖ 40% Reduction in Development Costs.
- ❖ 20% Reduction in Prototyping Costs.
- ❖ 60% Reduction in Scrap/Rework Costs.
- ❖ 30% increase in Gross Sales.
- ❖ Increased 60% Competitiveness in the Industry.
- ❖ Reduced 40% in number of Design Errors.
- ❖ Improved 40% in Handling of ECOs, in Cost Savings, in ECO Processing Time, or in the number of ECOs.
- ❖ 10% Reduction in the Time spent searching for Files or Recreating Designs/Documents.
- ❖ Increased 40% volume of Design Reuse which resulted in Time and Cost Savings.
- ❖ Decreased 10% Manufacturing Costs through Improved Revision Control.
- ❖ 40% Benefit in Product Development Processes, such as Purchasing, Estimating, Marketing, or Documentation.



**"With SOLIDWORKS Solutions, we are able to design complex Piping & Routing Designs with ease using SOLIDWORKS Piping & Tubing functionality. Very user-friendly interface with good support from BEACON."**

**- Mr. Rahul N Patil, Design Engineer, Economy Process Solutions Pvt. Ltd.**

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