STREAMLINING THE DESIGN OF INDUSTRIAL EQUIPMENT

1 REQUEST COMES IN

- MRD (marketing request)
- RFP/RFQ (customer request)

2 ASSEMBLE TEAM

- Mechanical Engineers
- Electrical Engineers
- Purchasing

3 DEVELOP PROPOSAL

With SOLIDWORKS you can easily answer the questions raised in the project request.

- Cost estimates: Automatically calculate the costs of parts that must be manufactured.
- Conceptual design: Be designed.
- Project structure: Use data to facilitate concurrent development workflow for design and manufacturing.

4 DESIGN ITERATIVELY

With the SOLIDWORKS integrated approach to product development, you can run a concurrent development workflow for design and manufacturing:

- Verify performance during design and reduce risk while you explore alternatives.
- Manage and communicate design data efficiently with easy access to the most recent data.
- Start manufacturing tasks during the design phase allowing critical feedback from manufacturing to be incorporated into the design earlier, resulting in products that are easier to manufacture and less expensive to produce.

5 OUTPUT TO MANUFACTURING

Leverage PDM data to capture the specific information needed by manufacturing, production, quality engineering, and documentation for the shop floor.

- Schematic Viewports
- Engineering Specifications
- Parts Drawings
- Bill of Materials
- Shop Fitter’s Assembly Instructions

6 DELIVER PRODUCT

Deliver user manuals, field repair documentation and marketing content to promote your product.

- SOLIDWORKS improves technical sales and marketing teams’ ability to manufacture high-quality, high-performance parts and assemble national or international documents.
- Shop Fitter’s Assembly Instructions
- Parts for Repairing
- Manuals/User Guides

LEARN MORE about SOLIDWORKS solutions for industrial equipment.