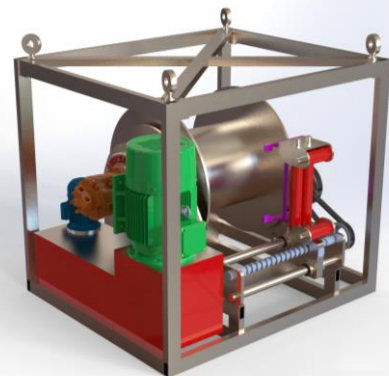
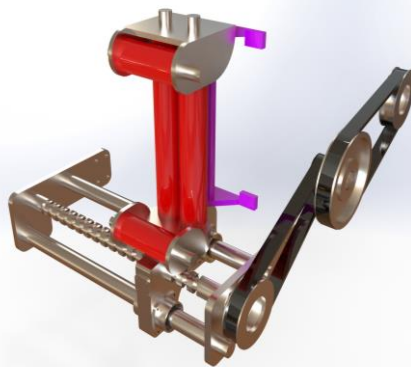


ARIECKAL INDUSTRIES

Designing and Development of Winch with SOLIDWORKS Solutions



ARIECKAL INDUSTRIES is based in Navi Mumbai & was founded by Mr. Jacob Kuriakose. They are manufacturer of Winch, Barometer, Navigation Equipments, Marine Navigational Equipments, Treadmill, Magnetic Level Indicator and Safety Valves. For more than 2 Decades, they are catering largely to Indian Government Sector with their Expertise in the field of Marine Equipments. They are constantly developing their technology and knowledge as per the industry requirements.



Challenges:

- ❖ Complex Designs
- ❖ Shorten Design Cycles
- ❖ Validate Designs
- ❖ Reduce Time to Market
- ❖ User-friendly Interface

Solutions:

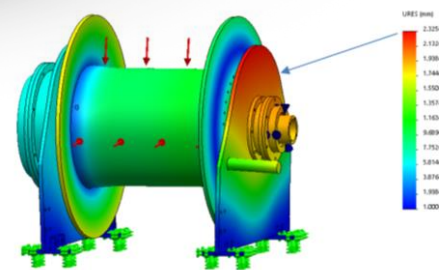
- ❖ Implement SOLIDWORKS Professional,
- ❖ SOLIDWORKS Simulation Standard,
- ❖ SOLIDWORKS Visualize,
- ❖ SOLIDWORKS Composer,
- ❖ SOLIDWORKS PDM.

Benefits:

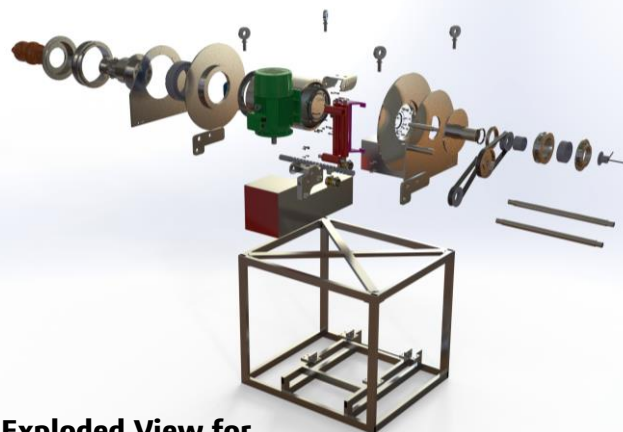
- ❖ SOLIDWORKS Interface is very User-Friendly and easy to understand.
- ❖ Simulation helps to check and analyze the Design before starting the Production.
- ❖ Visualize helps to Create Photo-Realistic Rendered Images in Design stage itself.
- ❖ Composer helps to create Technical Documentation with detailed illustrations.

Results:

- ❖ Reduced 40% in Design Cycles by using SOLIDWORKS.
- ❖ Accelerated Time-to-Market by 40% by using Visualize.
- ❖ 40% Reduction in Development Costs.
- ❖ 40% Reduction in Prototyping Costs by using Simulation.
- ❖ 70% Reduction in Scrap/Rework Costs.
- ❖ 60% increase in Gross Sales.
- ❖ Increased 50% Competitiveness in the Industry.
- ❖ Reduced 70% in number of Design Errors.
- ❖ 60% Reduction in the Time spent searching for Files or Recreating Designs/Documents.
- ❖ 60% Benefit in Product Development Processes, such as Purchasing, Estimating, Marketing, or Documentation.
- ❖ More than 50 Projects completed within given deadline.



Displacement Analysis in Simulation



Exploded View for Technical Documentation using Composer

"SOLIDWORKS offers wide range of Solutions which are addressing all Design Needs & Challenges, we are able to complete many projects on time and reach the market before time. BEACON provided us with great support in implementing SOLIDWORKS in our organization."

- Mr. Jacob Kuriakose, Proprietor, Arieckal Industries

Arieckal Industries

Address: Plot No. 1, Behind Simran Motors,
Panvel Industrial Estate, Panvel,
Navi Mumbai, Maharashtra 410206.
Phone: +91 22 2745 3584

VAR: Best Engineering Aids & Consultancies Pvt. Ltd.

Address: 801, 8th Floor, Lodha Supremus, I Think Techno Campus,
Kanjurmarg (East), Mumbai,
Maharashtra - 400042, India
Phone: +91 22 6861 0821
Website: www.beacon-india.com