

Flame Control Engineers

Designed their own products like Burners, Boiler Pumping Units, etc. with SOLIDWORKS Solutions



Flame Control Engineers have been involved in firing technology for more than 13 years and are today one of the rebuffed manufacturer in this field in India. As specialists they plan, develop and produce burners and system solutions for industrial thermal processes. Their products and services are represented in all types of industrial installations. With their different models of burner for Industrial Firing Technology/Thermal Process Plants and Service, they cover the full bandwidth of burners and firing plants.



Challenges:

- ❖ Difficulty in Visualizing complex assemblies.
- ❖ Interferences between components could be only found during the assemble process.
- ❖ Errors arising while creating BOM Manually.

Solutions:

- ❖ SOLIDWORKS Professional

Benefits:

- ❖ SOLIDWORKS Interface is very User-Friendly and easy to understand.
- ❖ Exploded views and animations helps to understand complex assemblies in a detailed way.
- ❖ Interference and Collision Detection Tool helps to reduce design errors at early stage.

Results:

- ❖ Reduced 60% in Design Cycles by using SOLIDWORKS.
- ❖ Accelerated Time-to-Market by 40%.
- ❖ 60% Reduction in Development Costs.
- ❖ 50% Reduction in Scrap/Rework Costs.
- ❖ Reduced 70% in number of Design Errors.
- ❖ 60% Benefit in Product Development Processes, such as Purchasing, Estimating, Marketing, or Documentation.
- ❖ 80% Projects completed within given deadline.



"SOLIDWORKS is easier to use. A lot of engineers right out of college know how to use it, which reduces training time. SOLIDWORKS improves our designing activities and helps our manufacturing works very easily. It helped us in designing our own products like Burner, Boiler Pumping Units, etc. BEACON provided us with great support & training in implementing SOLIDWORKS Solutions."

- Mr. Sadanandan P, Proprietor, Flame Control Engineers

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