

Straight Talk from 3D CAD Users

Hear what designers are saying about Pro/ENGINEER®



DID YOU KNOW

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Jaime Moreno has more than 10 years of experience in product design, focusing on the research and development of new products for Bosch® Tool Corporation in the USA. He has worked with several different CAD applications, including SolidWorks® and CADKEY®.

Mr. Moreno started working with Pro/ENGINEER in 2001. "Since I knew the basics of 3D modelling, it only took me a week of basic Pro/ENGINEER training to get up and running," he says. "Pro/ENGINEER commands have always been well thought out and structured, and with every new release the product becomes even easier to use."



Jaime Moreno, Sr. Mechanical Project Engineer
Robert Bosch Tool Corporation
Mount Prospect, IL, USA

Why Pro/ENGINEER is So Effective

"For my specific job and industry, there are two aspects of Pro/ENGINEER which are invaluable to me. One is the fact that the software provides me with great simulation and analysis capabilities. These are very powerful when I need to run sensitivity and optimization analysis.

Being able to do multi-rigid body dynamic analysis at an overall system level also gives me an edge on developing robust systems, as well as reducing development time by not having to make as many physical prototypes. Also, a lot of time is saved because all these analysis tools can be accessed without even leaving the interface. In other words, Pro/ENGINEER allows for an optimized process flow.

The other aspect I value highly is the ease with which I can share geometry with other models. This is extremely helpful when it comes to communicating with other design teams in our organization, for example, for implementing electric parts into a saw or a drill assembly. By being able to communicate and share our work so easily, we can concurrently work on a new product, drastically reducing the development time."



Pro/ENGINEER model of the RS35 reciprocating saw by Bosch Tool Corporation.



Cutaway of the Bosch RS35 reciprocating saw.