

# Straight Talk from 3D CAD Users

Hear what designers are saying about Pro/ENGINEER®



**DID YOU KNOW**

“Pro/ENGINEER extends my mind and lets my thoughts become reality. It allows me to produce perfect designs and brings my innovative potential into full play.”

In his 10 years of experience as a design engineer working in the heavy equipment and industrial machinery industry in China, Product Manager Ice Wang has worked with various 3D CAD software applications, including Unigraphics® (now Siemens®), Mastercam®, SolidWorks®, and Cimatron®. In his current position, Mr. Wang has been using Pro/ENGINEER for several years. Asked about the advantages of Pro/ENGINEER over other products he has tried, he says:

“What I like most about Pro/ENGINEER is the flexibility offered to the user. I can customize, configure and maintain the templates, common parts library, standard parts library, and dimensioning according to my own needs. This, along with the clearly structured and ergonomic interface, makes it very easy to use. It only took me about one week to get fully up to speed.”



Ice Wang, Product Manager  
Changzhou Development and  
Manufacture Centre Co., Ltd.  
Changzhou, Jiangsu, China

## Why Pro/ENGINEER is So Effective

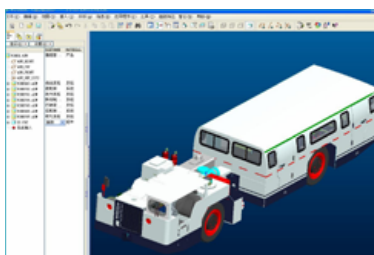
“Since no day in my job routine is like any other, the flexibility of Pro/ENGINEER supports me in being as productive as possible. It makes it easy to get my job done, and this is obviously valuable for my company.

In my opinion, Pro/ENGINEER is the best choice for manufacturers of heavy equipment and industrial machinery, such as the mining machinery we design. It offers all relevant functionality in one package and can be easily scaled up for extended requirements. I am involved in a wide range of design tasks on a daily basis, from part design, to sheet metal design, to structure simulation and analysis. The FEA tools are an efficient solution for designing optimized, multi-material, light-weight structures, and meeting all our engineering needs. It is great that they are integrated in the basic [Pro/ENGINEER] package at no additional cost.

At the same time, the value I can realize from a user perspective adds a huge value to our company and our customers. In 2009, for example, I designed a thin-seam coal man-cart and won a patent for innovation with it. This new product design brought our company an economic benefit of over 20 million yuan (\$3M US)!”



Changzhou Development and Manufacture Centre Co., Ltd. is a leading manufacturer of mining equipment.



Model of the WC3E(A) cart in Pro/ENGINEER.