

3D PRINTER CASE STUDY

ProJet™ Transforms Ideas into Products!



Compelling design is a combination of art and science and this is particularly true for Teenage Engineering AB, a company in Sweden offering future commercial products and communication services. Teenage Engineering's mission is to create products with superior quality, functional design and first-class engineering, which is what lead them to the ProJet™ HD 3000 3D printer from 3D Systems.

"I wish we'd had the ProJet™ HD 3000 3D Printer earlier. It has been a great experience, turning ideas into real parts and allowing us to test concepts in just a few hours. The quality is unsurpassed."

Jesper Kouthoofd
Head of Design
Teenage Engineering, Sweden



With a penchant towards risk taking and a keen sense of humor, Teenage Engineering works with global brands like IKEA, Ericsson and Absolut to develop market leading communications strategies. Along with keeping the team engaged and financing their interest in product development, these efforts often generate great ideas for new products. As a result TE began to acquire technology to facilitate their emerging product development process.

From CNC machining and laser cutters TE graduated to building concept models and functional prototypes through outsourcing to local service bureaus with Stereolithography and Selective Laser Sintering Systems. While the quality was exceptional the cost and the time required to a finished concept model prompted them to evaluate 3D printers.

So earlier this year, in the midst of completing their first commercial product TE was introduced to 3D Systems. They attended a demonstration of the ProJet™ HD 3000 Professional 3D Printer and were immediately impressed with the extremely fine feature detail and accuracy of the high definition parts. They decided that the cost savings of an in office 3D Printer and the ability to iterate, producing a revised model in a matter of hours, far outweighed the initial investment.

Teenage Engineering has been very successful with the use of sound in the communications efforts so it is only fitting that their first commercial product is based on sound; an exciting portable, multi-function synthesizer. Teenage Engineering is clearly, in the groove. And we suggest you stay tuned because with the help of their ProJet™ 3000 they plan for many new products to come.