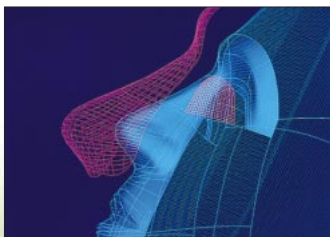


► SURFACE RECONSTRUCTION  
WITHOUT LOSING FACE.

NO PROBLEM WITH TEBIS CAD/CAM.



QUALITY CONTROL  
BASED ON OFFSET  
SURFACES



INSPECTION OF  
TANGENCY OF  
SURFACE EDGES



EVALUATION OF SURFACE  
QUALITY WITH HIGH END  
SHADING TECHNOLOGY

Good product design is an art. Or at least it was 20 years ago, when a leading Swedish manufacturer of protective clothing needed a model to produce masks and had to hire a sculptor for the job.

He called in 1,500 young men, took exact measurements of their heads and created a perfect model based on the average measurements. This created the basis for perfectly fitted safety masks, but only for Sweden.

Because markets are becoming more international and people are different, diverse variations of the model are needed today, a task that in the short term can only be achieved using the most powerful CAD/CAM software. Tebis Scandinavia took over the project.

TEBIS CAD SOFTWARE was used to generate the required surface model. More than one million probed points were entered to develop it. Then, TEBIS CAM SOFTWARE was used to compute the milling programs for the head variants. And in a final setpoint/actual-value comparison of CAD and milled models, TEBIS CAQ SOFTWARE demonstrated the high quality standard of the CAD/CAM modules used.

The results of the project are worth seeing. The customer is now ideally prepared to adapt his product to the international market.

Interested in TEBIS CAD/CAM? Call us at +49-89-854 84-0 or send us a fax at +49 89- 854 84-200.

**CIMCo**®

CIM Concept, S.A. de C.V.  
Sor Juna Inés de la Cruz 18-206  
Tlanepantla, México  
Tel.: 52(55) - 55-65-66-33  
Fax.: 52(55) - 55-65-67-63  
[www.cimco.com.mx](http://www.cimco.com.mx)

**tebis**

THE CAD/CAM-EXPERTS.