

“eesy-2-form”, “eesy-form”

CPM continued its successful developments in the 2D and 3D „eesy“ simulation systems.

The recent focus has been on semi hot forging and the modelling of complex shapes using hexahedral elements.

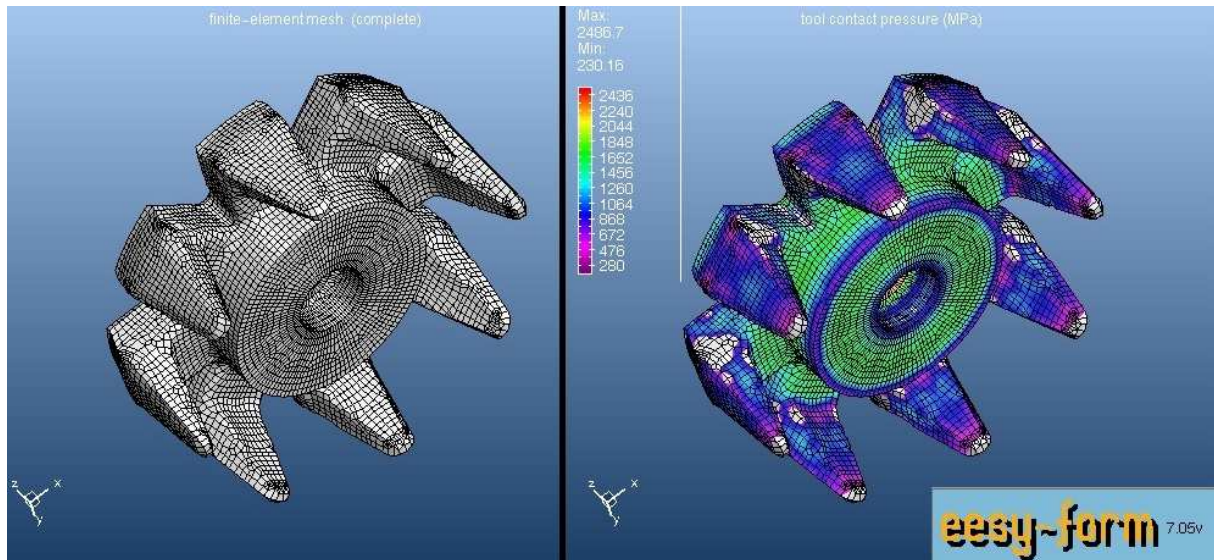


Fig. 1: Claw pole

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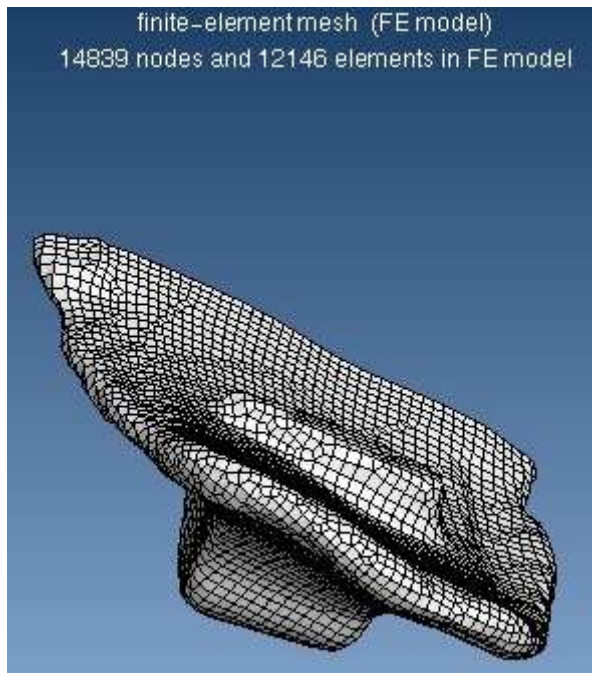


Fig. 2: Complex 3D structure automatically meshed with hexahedral elements

Other successful activities were the development of special handling modules for microstructure prediction in AFP steel in a public funded research project (AIF –project). These developments were installed at the industrial partner site.

Further developments to predict sophisticated lubrication systems out of analysis of simulation parameters are on the way as well as modules to analyze tool temperature distribution and its developments during the production assess deeper information to support judgements about feasibility of tribology systems and process designs in general.

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