Overview

Husky Injection Molding Systems Ltd. is a leading supplier of injection molding equipment and services for the plastics industry. The company designs and manufactures the industry’s most comprehensive range of injection molding equipment, including machines, molds, hot runners and robots. In addition, Husky’s value-added services include factory planning, customer training and systems integration. In fiscal 2005, sales were $860 million, with approximately 3,050 people employed worldwide.

ANSYS analysis tools are a core tool for the state-of-the-art development facility at their headquarters in Bolton, Canada. Husky also has manufacturing facilities in the United States, Luxembourg, and China.

Testimonial

“By using ANSYS® Workbench™ and ANSYS® DesignSpace®, we have quickly created an extremely efficient analysis environment, which enables us to analyze new developments both quickly and efficiently.”

Harald KOLLMEIER
Design and Analysis Engineer
Husky Injection Molding Systems S.A.

Challenge

- Development of large injection molding machines
- Weight optimization; reducing manufacturing and transportation costs
- Increased speed and greater reliability
- Lower energy consumption

Solution

- Introduction of ANSYS Workbench for analysis and ANSYS DesignSpace in design providing:
  - Efficient contacts for nonlinear assembly analysis
  - Additional pre-analysis in construction
  - Common simulation methods

Benefits

- Reduced analysis time: No longer a week, just half a day!
- More FEM throughput makes it possible to achieve better quality and greater innovation
- New patented products like “Reflex” platens

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