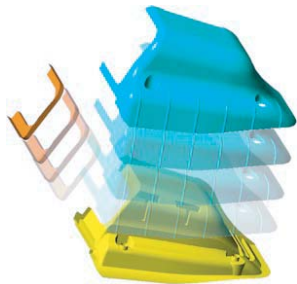


VISI-Analysis

Dynamic Model Splitting and Analysis

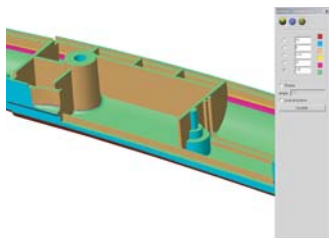
VISI-Split, completely integrated with all the other VISI-Series modules, is an automatic module for the splitting of models into core and cavity surfaces in any direction and for analysing taper angles and surfaces



Resolution of undercuts for complex component splitting.



Upper and lower halves of a component for the toy industry split with VISI-Split.



Quickly check draft angles with rainbow strip shading.

- **Graphical animation.** Sets of surfaces can be moved apart in any direction to simulate the action of the splitting process.
- **Simple interface.** Tree structure of the splitting configuration enables the user to easily see how the part can be split and to find potential problem areas.
- **Fully integrated** with all the VISI-Series modules, enabling split analysis to be performed at any stage of the design process.
- **Undercut detection.** VISI-Split will highlight undercut conditions and warn you where there is insufficient draft on the model.
- **Split line positioning.** Detect the surfaces on which the split line needs to lie. Use split line definitions to split the underlying surfaces to optimize the tool design.
- **Resolve incorrectly positioned surfaces.** Manually move surfaces from one side of the core/cavity to another to get exactly the split configuration desired.
- **Review of splitting animation.** Save scenarios of core/cavity splitting for comparison and to help decide the most efficient method for the tool construction.
- **Split the model into sets of surfaces.** Create groups of surfaces to match slides, cores and cavities to continue with the tool design once the ideal split configuration has been chosen.
- **Find the inside of sets of surfaces.** Quickly isolate the inside of a set of surfaces ready for machining, Patternmaking or for press tool design.
- **Create shut off faces.** Fill planar holes and holes in formed surfaces to prepare the model for further mold design.
- **Taper angle analysis** with rainbow strip and shaded rainbow shading. Check for taper on the model, quickly finding areas where the taper needs correcting.
- **Iso-Cline curve shading** with zebra strip to check the curvature and smoothness of a surface.



Visi-Series is a product of
Vero International Software

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