



CATIA PLM Express

CATIA - Mold Tooling Creation

Integrated environment for overall tooling design and manufacturing preparation

Now more than ever, mold manufacturers need to design faster and with the highest quality in order to differentiate themselves from the competition. Therefore, the tooling designer needs to maximize tooling automation creation to focus on the added-value tasks. In addition, designers should benefit from a single system that manages design changes throughout the design-to-manufacturing process.

Overview

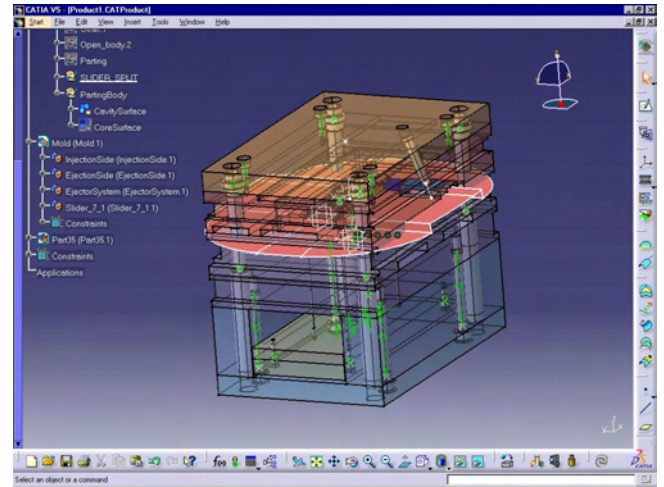
The CATIA - Mold Tooling Creation option is dedicated to fast mold and stamping die design. Designers are able to reuse already capitalized tooling know-how, enabling rapid tooling creation fully compliant with company rules and standards. Seamless tooling design fosters concurrent engineering between the design office, tooling and manufacturing departments

Customer Benefits

- Fast core and cavity definition
- Easy know how capitalization and reuse thanks to components/tooling templates
- Efficient change management with full associativity throughout the tooling design and manufacturing process
- Ultra-large tooling design and management thanks to 64-bit support

Key Capabilities

- Check the validity of the imported shape and improve its quality
- Effective definition of core, cavity and parting surface according to pulling direction, moldability and manufacturability assessment
- Most commonly used standard mold catalogues
- Intelligent standard / user defined component management (with associated drillings & NC information)
- Define mold bases, sliders, retainers, cooling systems, gates and runners for plastic injection and ejection systems



Screen capture of CATIA - Mold Tooling Creation

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