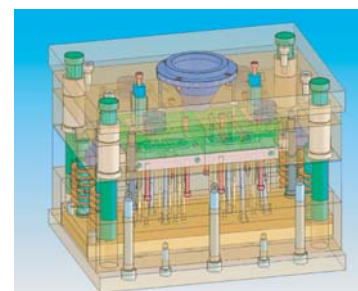
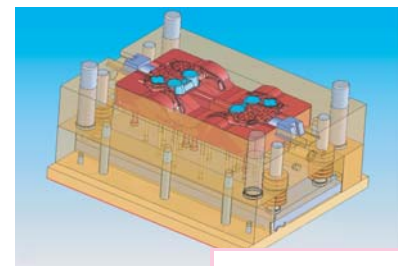
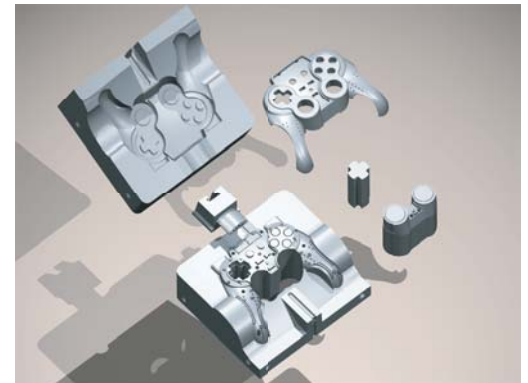




Professional Plastic Mold Design in SolidWorks

3DQuickMold is a professional plastic mold design solution. It is developed by an engineering team with 15 years in CAD programming and 17 years in plastic mold design industry. To solve very complicated plastic mold design problem is the prime objective of developing 3DQuickMold. 3DQuickMold follows the industrial practices and use the same workflow in mold shops. The ease of use and powerful mold design capabilities have been verified by the early users of 3DQuickMold. With the introduction of 3DQuickMold in the market for less than two years, 3DQuickMold is leading in market acceptance and growth rate in the local market.

3DQuickMold makes itself stand out from the competition in the mold splitting functions and the way it guides mold engineers to complete the design task. Same as SolidWorks® in CAD, it is the best tool for experience mold designers or young engineers who start the plastic mold design career. With its fast and convenient mold design features, it turns the routine plastic mold design job into working pleasure. The optimized workflow in 3DQuickMold enables young engineers to accelerate their learning curve in plastic mold design. Within a few days of training, engineers can work independently in 3DQuickMold environment to finish their work. In line with the benefits of SolidWorks®, easy to use, easy to learn, and full of features are the characteristics of 3DQuickMold.



3DQuickMold provides end-users with the following functions:

Key functions:

- Product Assembly
- Layout Manager
- Mold Base Manager
- Ejector Manager
- Cooling Manager
- Undercut Manager
- Libraries Manager
- Sub-insert Manager
- Electrode Manager
- Feed Manager

Flexible Workflow:

3DQuickMold allows mold designers to choose multiple workflows. User may choose top-down or bottom-up approach. Top-down approach allows user to do core and cavity layout, and selection of mold structures, before the mold split operation. It aids the generation of bill of materials and facilitate the early purchase planning in the whole design cycle as the result of 3D parametric design. Bottom-up approach will guide user to complete the mold split operation before going to the process of core and cavity layout, and selection of mold structure. This approach is suitable to very complex mold design. Professional plastic mold design solution should provide automation, and at the same time allows users to adjust and fine tune to handle new mold design. 3DQuickMold provides this flexibility in different stages during the mold design cycle.

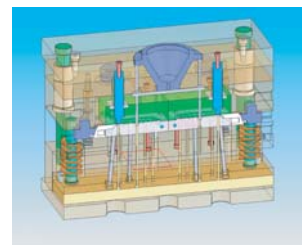
Mold Splitting:

Mold design engineers spend a big ratio of the design time in Splitting Mold. 3DQuickMold combines the experience of mold makers and the powerful modeling functions of SolidWorks® and results a very fast and direct mold split feature in the system.

- Support multiple and/or different parts in single cavity
- Support predefined slides & inserts before the mold splitting
- Support swap parts and automatic update of mold structure

High performance:

3DQuickMold is capable to handle very complicated and complex mold structures with all the details of mold splits, ejectors, cooling channels, and electrodes without scarifying the performance expectation of plastic mold designers. 3DQuickMold customized the SolidWorks® environment to achieve this optimized result. Field reports showed that the speed of 3DQuickMold in handling complex mold design is equally good or even better than the most popular plastic mold design solution in the high-end CAD markets.



Support: 3DQuickMold is supported by world-wide 3DQuickMold support partners. Experienced CAD support companies will be selected to work as our service agent to provide local service to plastic industries.

3D QuickTools Limited

Our Mission: To enable tooling engineers to use the power of 3D design

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