CADMOULD® 3D-F

EASY – FAST – EXACT
**EXPERTISE IN INJECTION MOULDING SIMULATION**

CADMOULD® 3D-F is the worldwide top-selling German software for the plastics injection moulding simulation. Since more than 20 years the plastics industry worldwide relies on results calculated by Cadmould®. The solver is constantly updated with the latest mathematical and physical knowledge in research and development.

**ADVANTAGES**

The application of CADMOULD® 3D-F substantially saves cost and time by reducing cycle time, mould modifications and test shots.

Thanks to its patented 3D-framework model, CADMOULD® 3D-F provides the user with:

- easy automatic modelling
- fast calculation
- exact results

**CADMOULD® 3D-F RAPID**

CADMOULD® 3D-F Rapid is the perfect start into injection moulding simulation

Simulation of filling

- results: filling pattern, detection of air traps and weld lines, pressures, temperatures, clamping force, cooling time, ...
- automatic gate finder limitable to allowed areas

Typical users are: designers, salesmen, purchasers, project managers

**CADMOULD® 3D-F FILL**

CADMOULD® 3D-F Fill is the injection moulding simulation software used for the detailed design of the filling process

Cadmould® 3D-F Fill includes all features of Cadmould® 3D F Rapid

- simulation of family and multi cavity moulds, including automatic runner balancing

Typical users are: mould makers and mould designers

**CADMOULD® 3D-F WARP EXPERT**

CADMOULD® 3D-F Warp Expert calculates filling and packing phase as well as shrinkage & warpage in consideration of fibre orientations

Cadmould® 3D-F Warp Expert includes all features of Cadmould® 3D F Fill

Typical users are: injection moulders, mould makers and designers

**CADMOULD® 3D-F COOL**

CADMOULD® 3D-F Cool is an ideal add-on module to the software packages Cadmould® 3D-F Fill and Cadmould® 3D-F Warp Expert for designing the cooling system

- calculation of the temperature distribution during the entire injection moulding process (multiple cycles possible)
- consideration of the influence of the cooling system on shrinkage & warpage

Typical users are: mould makers, mould designers and injection moulders