

CADMOULD®

3D-F SIMULATION

The Expert Software
for Injection Molding Simulation



CADMOULD® 3D-F

**THE PATENTED SOFTWARE SYSTEM FOR
SIMULATING ALL INJECTION MOLDING PROCESSES -
FOR HIGHLY PRECISE SIMULATION
RESULTS AND EFFICIENT WORK PROCESSES**

CADMOULD® GUARANTEE
Patented Precision

- ✓ EXACT RESULTS
- ✓ AUTOMATIC MESHING
- ✓ FAST CALCULATION

■ THE PATENTED SOFTWARE SYSTEM FOR SIMULATING ALL INJECTION MOLDING PROCESSES

CADMOULD® 3D-F: THE EXPERT SOFTWARE FOR OPTIMIZING PART, MOLD AND PROCESS

The Cadmould® 3D-F product family has been developed successfully for more than 25 years in Germany. Cadmould® 3D-F uses the highly precise and patented 3D-F method especially developed for injection molding simulation, making Cadmould® 3D-F the superior simulation solution.

Cadmould® 3D-F is a high-tech software product which is however, easy to use, very fast and precise.

MODULES:

RAPID

- Starter software for injection molding simulation for prediction of the part filling
- Stand-alone software - can be extended any time.

WARP EXPERT

- Stand-alone software bundle for the precise simulation of the complete injection molding process including prediction of shrinkage and warpage
- Can be extended by further Cadmould® 3D-F modules for simulation of special processes.

UNWARP

- Add-on software for simulation of shrinkage and warpage compensation of the mold
- To be used with Cadmould® 3D-F Warp Expert

BENEFIT AND ADVANTAGES:

- Modular, adaptable software structure
- Extremely short simulation times
- Highly precise simulation results
- Easy-to-use, CAD-independent variation of geometries to optimize part and mold
- Transfer of optimized geometries for compensation of shrinkage and warpage
- Direct measurement of part properties with integrated measuring devices

COOL

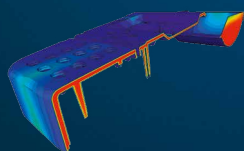
- Add-on software for the thermal simulation of injection molds
- To be used with Cadmould® 3D-F Fill or Warp Expert

3D T-BOX

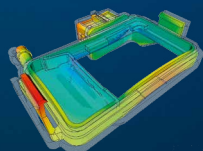
- Add-on software for 3D thermal analysis of a mold sketch already at the start of mold development
- To be used with Cadmould® 3D-F Fill, Warp Expert and Cool

2K & INSERT

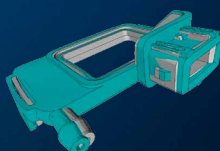
- Add-on software for simulation of multi-component parts and parts with inserts
- To be used with Cadmould® 3D-F Fill or Warp Expert



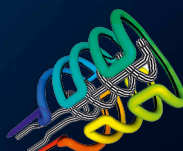
RAPID



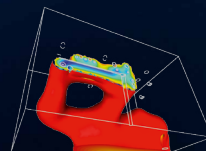
WARP EXPERT



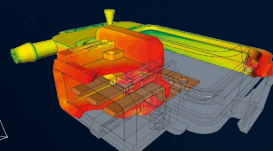
UNWARP



COOL



3D T-BOX



2K & INSERT

TYPE OF PRODUCT:

- Only injection molding simulation software, that can be integrated in Varimos®
- Suitable for Windows® operating systems

ADDITIONAL CADMOULD® 3D-F MODULES:

- **CASCADIC:** Simulation of cascadic injection molding
- **INJECTION COMPRESSION:** Simulation of inj. compression molding
- **FOAM:** Simulation of foam injection molding