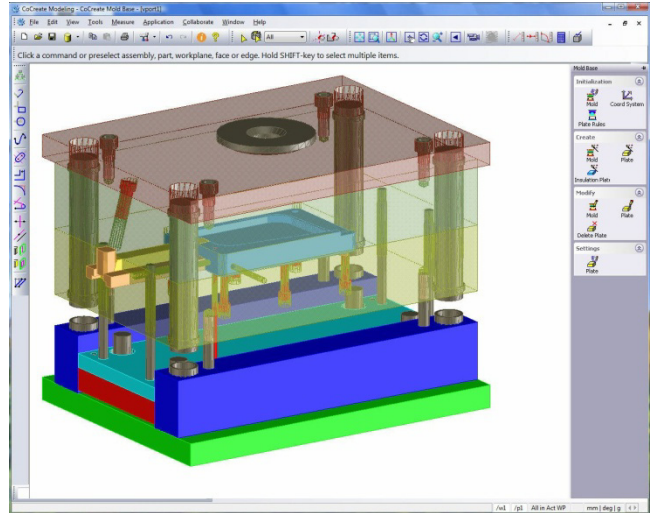


CoCreate® Mold Base

Automate repetitive tasks when designing plastic injection molds

CoCreate Mold Base provides mold designers with powerful, intelligent capabilities within CoCreate Modeling™.

CoCreate Mold Base, with its highly interactive and intelligent tooling, reduces the repetitive tasks prevalent in designing plastic injection molds. Based on R&B® Mold & Die Design Solutions, CoCreate Mold Base gives mold designers access to leading-edge CAMD (Computer-Aided Mold Design) solutions, allowing them to generate complete 3D CAD mold tool designs.



CoCreate Mold Base is a flexible add-on module for CoCreate Modeling.

Key Benefits

- Provides automated, step-by-step design processes to create plastic injection molds.
- Helps navigate through hundreds of standard components with help from a visual component browser. For specific components, CoCreate Mold Base provides design advice when it checks the validity of its parameters against the geometry of the mold base assembly.
- Automates many tasks of the mold design process, including identifying the ideal size of the mold base, selecting and placing components, building the cooling system, checking collisions, and more.
- Ensures design for manufacturability. CoCreate Mold Base checks for part interferences, and detects potential tooling issues, such as thin-walls, within mold base assemblies.
- Standardize molds with hundreds of time-saving standard components from 14 integrated component catalogs.

Features and Specifications

Faster Mold Base Assembly Design

- Simplifies your design, with highly automated capabilities
- Provides standard, commercial catalogs
- Identifies ideal size of mold base by analyzing size of core and cavity
- Interactively previews and provides intelligent guidance for selecting components
- Automatically places components according to catalog definition

Cooling System Definition

Build a 3D cooling system based on:

- Cooling lines
- Cooling components
- Connection conditions

Modification Features

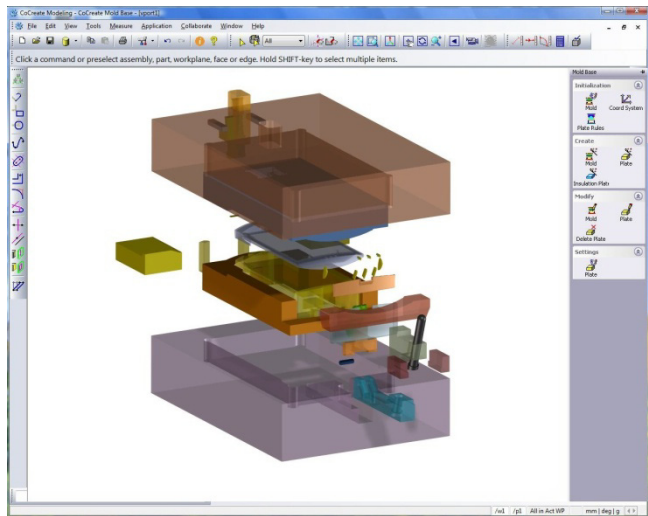
- Move and modify plates and components
- Update components after plate changes, semi-automatically
- Change the initial mold base specification

Complete Set of Tools for All Your Mold Base Work

- Collision checks:
 - Thin-wall detection
 - Display of components and overlap
- Multi-insert molds – multiple core and cavity inserts
- Non-standard mold bases – overwrite regular parameters of a standard mold base, or use any CoCreate Modeling model
- Bill-of-materials – for manufacturing and purchasing of the mold base
- CAM interface – transfer to CAM systems through the Open CAM interface (included in CoCreate Modeling)

Component Catalog

- Ejectors, guide pins, cooling, etc.
- Graphical preview while defining the right parameters
- Flexibility, so you can add company-specific components
- 14 commercial catalogs, including:
 - D-M-E (English and metric)
 - HASCO (English and metric)
 - NATIONAL
 - RABOURDIN
 - FUTABA
 - EOC
 - STRACK
 - PEDROTTI
 - SIDECO
 - PCS
 - MEUSBERGER
 - MISUMI



CoCreate Mold Base was developed so designers can easily and quickly create mold base assemblies for injection molding.

Prerequisites

- CoCreate Modeling

Platform Requirements

CoCreate Mold Base supported operating systems:

- Windows® 7 32-bit and 64-bit Editions of Ultimate, Enterprise, and Professional
- Windows Vista® 32-bit and 64-bit Editions of Ultimate, Enterprise, and Business
- Windows XP Professional 32-bit and 64-bit Editions

For the most up-to-date platform support information visit:
www.ptc.com/partners/hardware/current/support.htm

For more information, visit www.ptc.com/products/cocreate