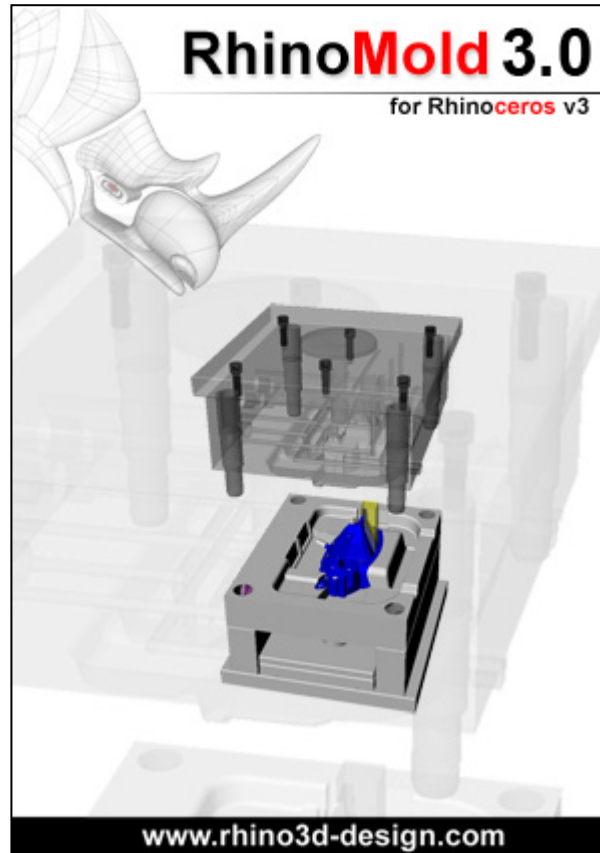
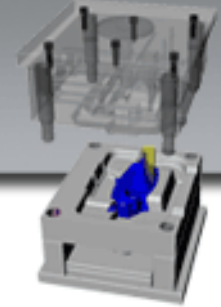


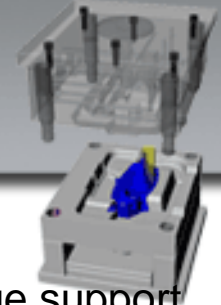


# RhinoMold 3.0





# RhinoMold 3.0



## General improvements

**Multilanguage support** - this new version has been rewritten for multilanguage support like Czech, German, English, Spanish, French, and Italian. There's also support for Asian languages like Japanese, Chinese, and Korean.

**Undo/Redo** - important improvements in Undo/Redo features. All commands support full undo/redo.

**New analyse tools** - new tools like high-level CAD software are included: dynamic draft angles, move by surfaces, dynamic rules, viewport deformation.

**Split cavity-core** - important improvements in these tools: identify each surface and remember original position, movements, groups.

**Parametrical Plates** - like solid CAD software, in Rhinomold 3.0 it is now possible to create a plate and edit the parameters later only with two clicks.

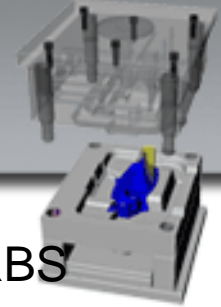
**Non-plates components library** - includes more than 45.000 components from the most important mold component manufacturers like Hasco, DME, Futaba, and Misumi.

**RhinoMold Wizard** - you can create molds very fast from mold component manufacturers like Hasco and DME. An update system has been developed to include new libraries from our website. Plates created in RhinoMold 3.0 are editable like in software for solids.

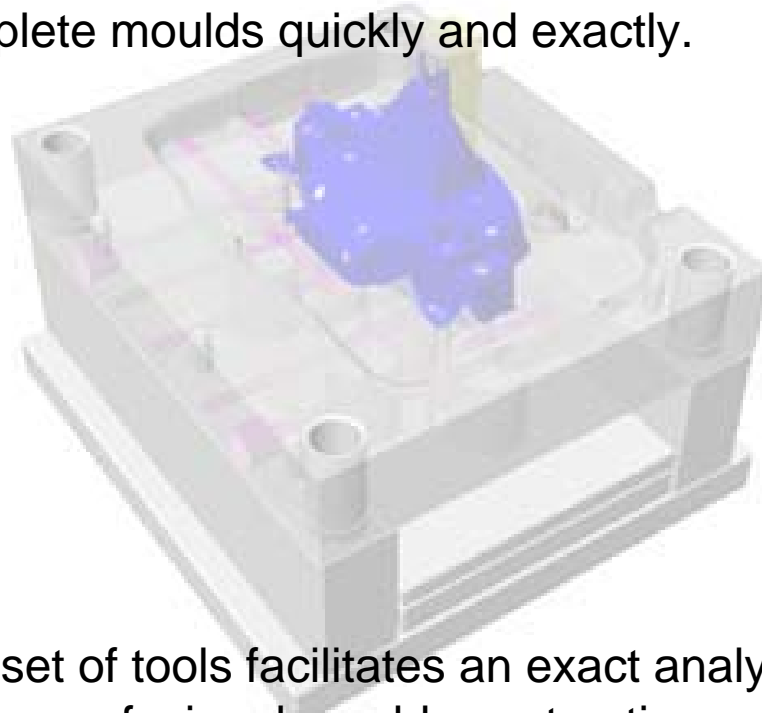
**Workgroups** - all features are adapted for workgroups, you can share all the libraries and create group user libraries.



# RhinoMold 3.0



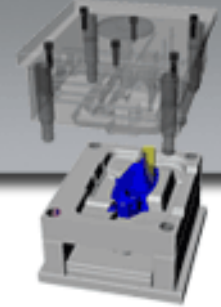
The mould makers have with RhinoMold a new plug-in for NURBS modelling Rhinoceros® 3.0. RhinoMold offers the possibility to design complete moulds quickly and exactly.



A complete set of tools facilitates an exact analysis of plastic pieces and permits a profesional mould construction.



# RhinoMold 3.0



This new version of RhinoMold provides new tools that are more stable for mold analysis, calculation and design.

In this new version, RhinoMold v1, v2 and RhinoMold Budget have been merged in a single product.

More than 80 commands have been added in version 3, including:

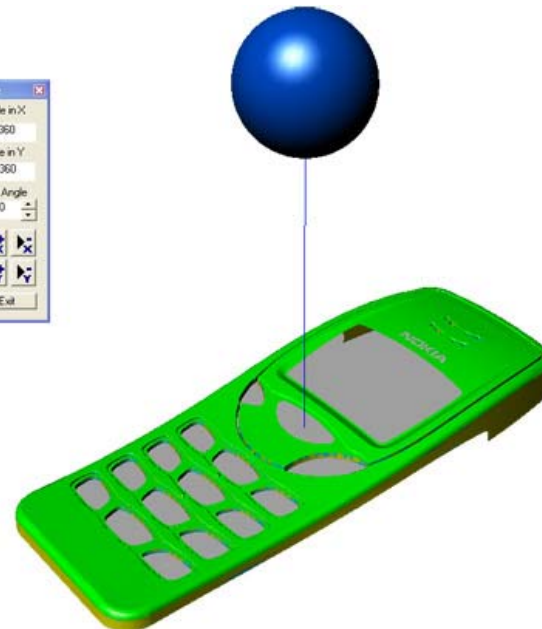
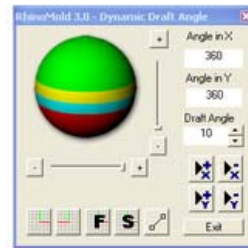




# RhinoMold 3.0



**Dynamic Draft Angle New!!!** - this is a tool from the high-level CAD systems. You can move the mold vector in real time and analyze the dynamic draft angle of a model, you can define the minimum angle. This angle is relative to the engrave that you apply to the mold .

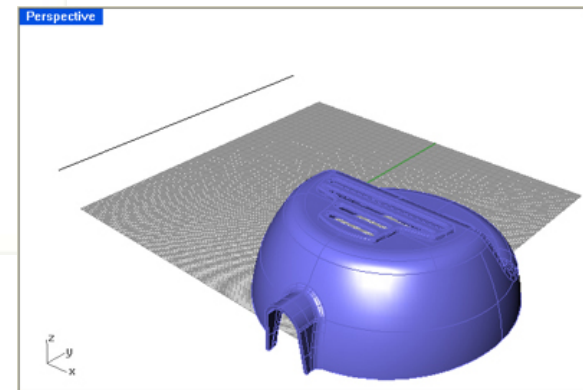
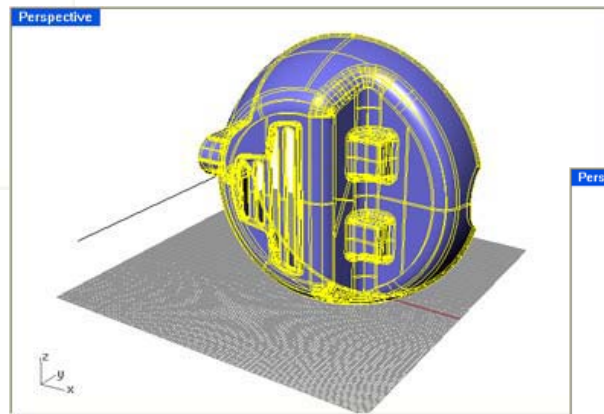
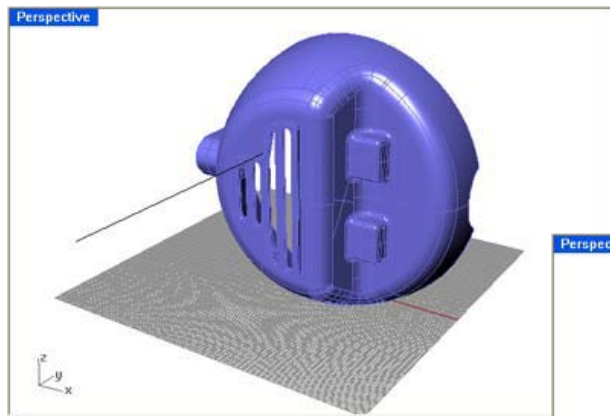




# RhinoMold 3.0

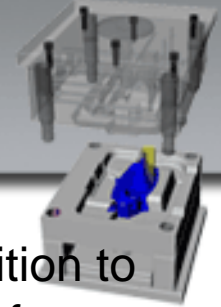


***Orient from a line to CPlane*** New!!!- when you analyze which is the best mold vector with Dynamic Draft Angle, you can create a line mold vector. With this tool you can orient the model in your current CPlane using this line.

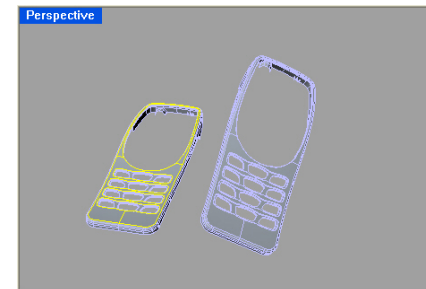
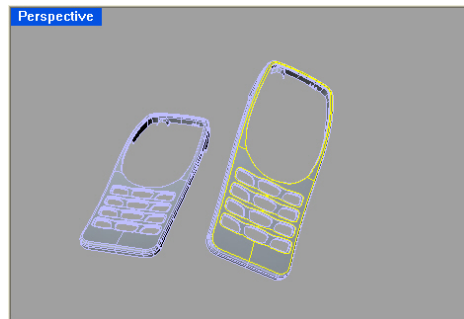
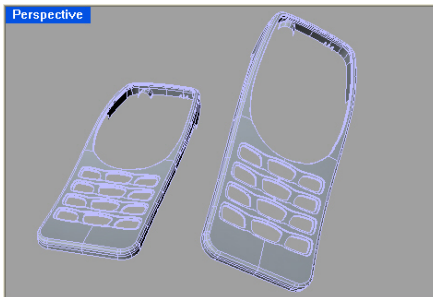




# RhinoMold 3.0



***Move by surfaces*** **New!!!** - this tool allows to move a model from a position to another in common surfaces. It is very useful when you receive a model from a customer and you want move it for a better control. If you receive a new version of the same piece, you will probably not remember the movement changes you made. With this tool you can select a surface common to both models and stack them more easily and safely.

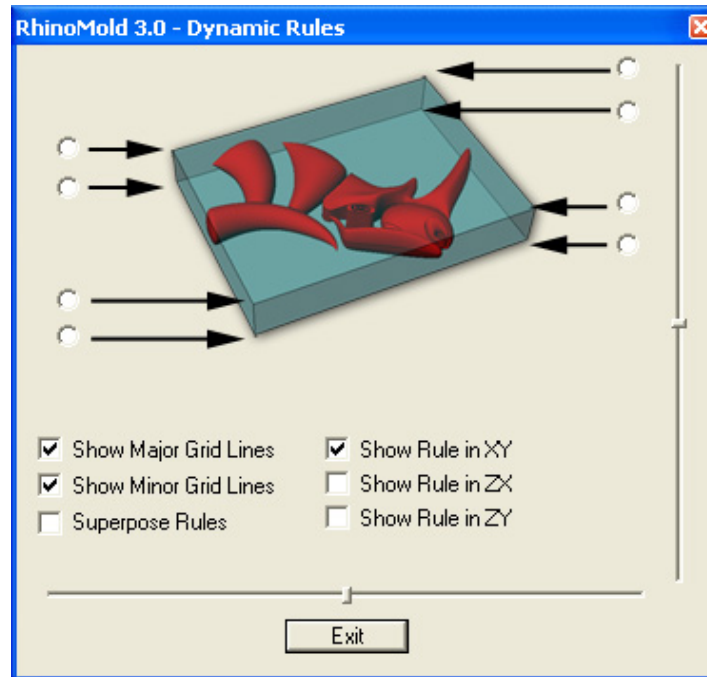




# RhinoMold 3.0

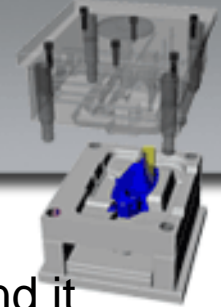


**Dynamic rules New!!!** - this is a high-level CAD software tool that allows to measure a 3D model faster. Select the model and show a dynamic rule in XY, ZX and ZY. You can then adapt the precision dynamically.

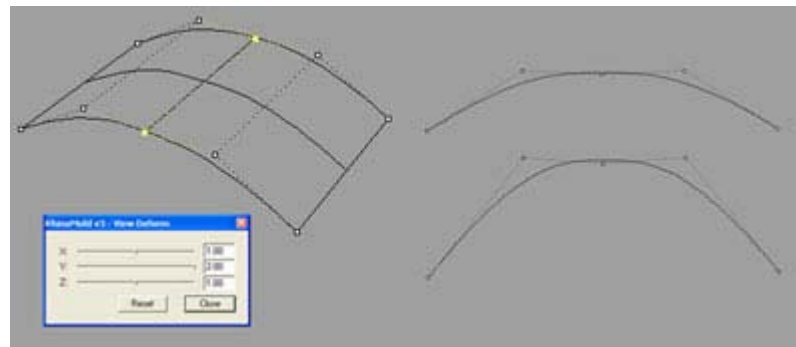




# RhinoMold 3.0

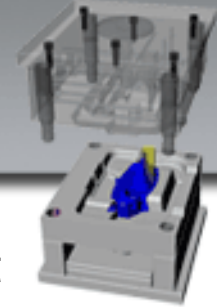


**Viewport deform New!!!** - this is a high-level cad software tool and it allows to deform the view in one direction. This tool is used to detect inflexions in curves and surfaces.

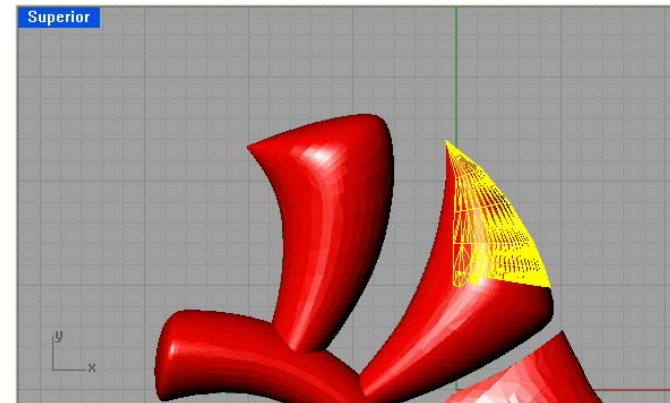
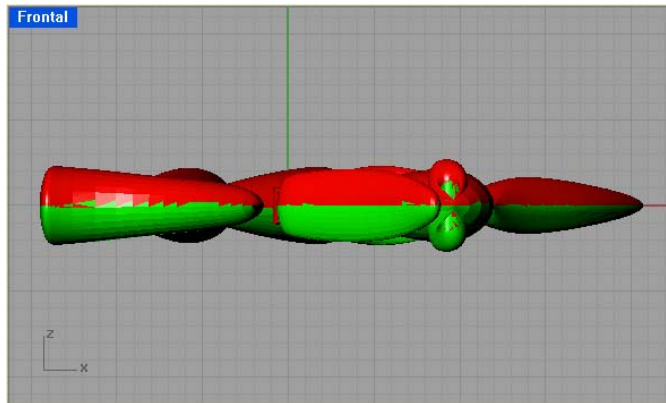




# RhinoMold 3.0

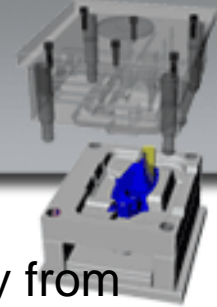


***Split cavity-core for meshes*** *New!!!* - new cavity-core split calculation for meshes that allows to work with meshes as if they were surfaces.



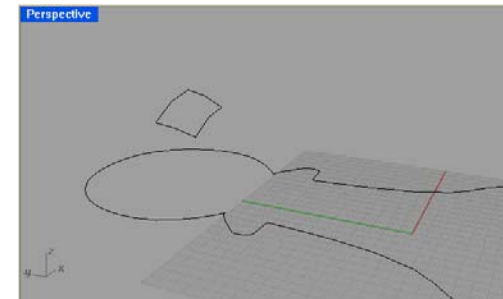
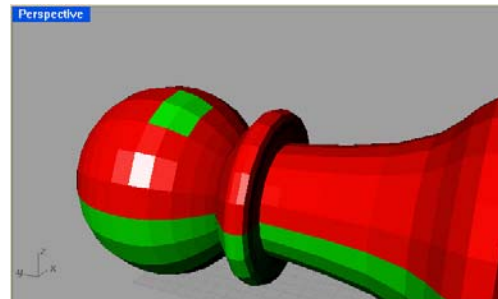
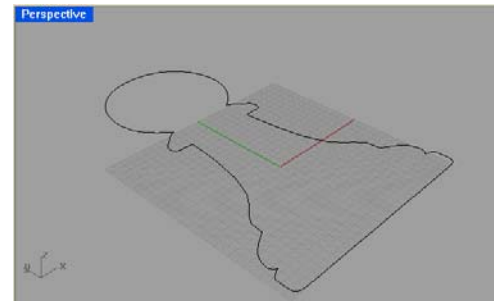
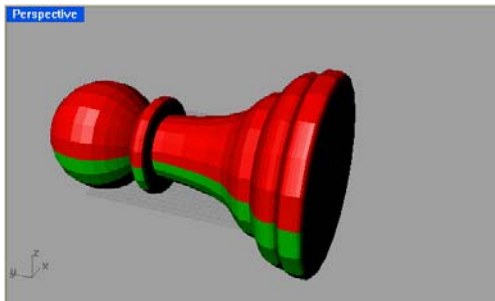


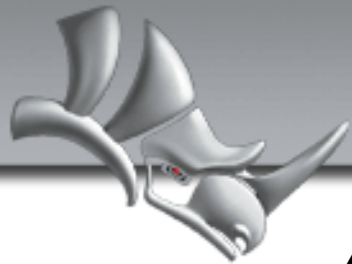
# RhinoMold 3.0



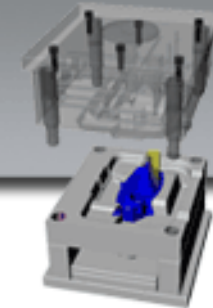
***Partition line for meshes New!!!*** - extracts partition curves directly from meshes.

***Split by curve for mesh New!!!*** - new cavity-core split system for meshes. You only need to define the partition curve from a side view and RhinoMold will detect it and will separate the meshes.



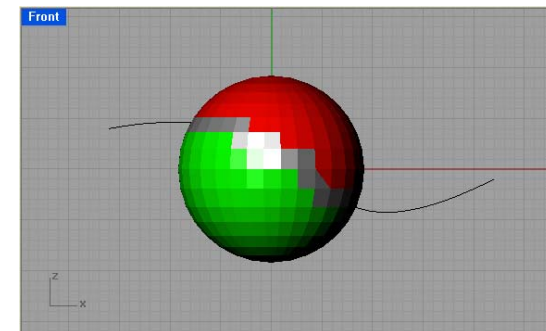
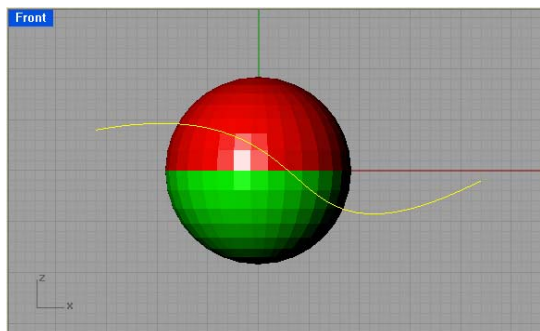
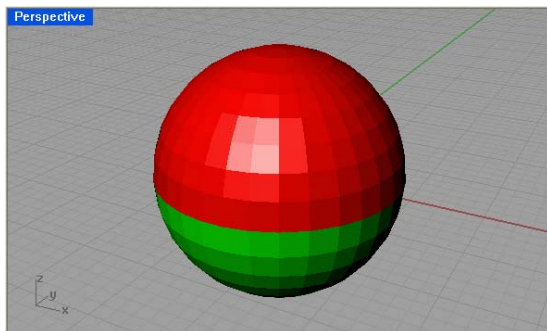


# RhinoMold 3.0



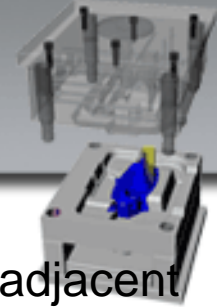
**Attach meshes New!!!** - tool to assign meshes to cavity, core or unsigned groups, the same as the split tool for surfaces.

**Show/Hide for meshes New!!!** - easily manages cavity, core and unsigned groups, hides and shows them with only a click, regardless how they are distributed in layers.





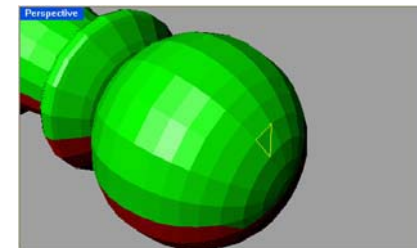
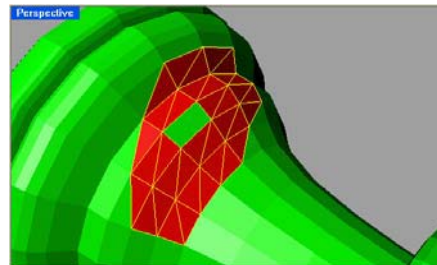
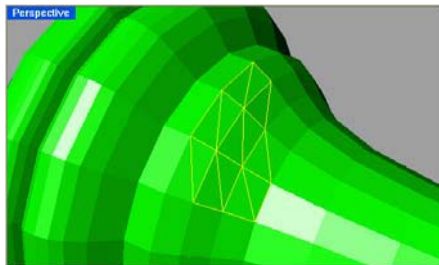
# RhinoMold 3.0



**Select nearest triangle New!!!** - select a mesh triangle and find the adjacent triangles with only a clic.

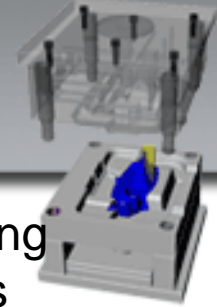
**Select triangles by region New!!!** - triangle selection algorithm from the same group.

**Select triangles by angle New!!!** - triangle selection algorithm by angle. You can select an angle and specify the degree.



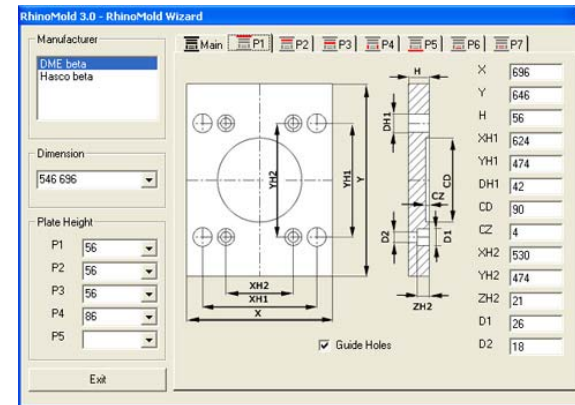
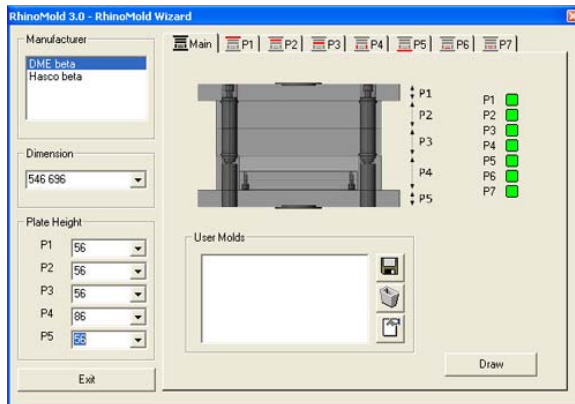


# RhinoMold 3.0



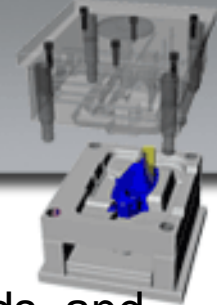
**RhinoMold Wizard New!!!**- creates the plates of a mold, using the standards from the most important manufacturers. This module supports update via internet, so you can extend your libraries. You can also define your molds and save them as User Molds.

In RhinoMold 3.0 all the plates are solids and can be edited parametrically.

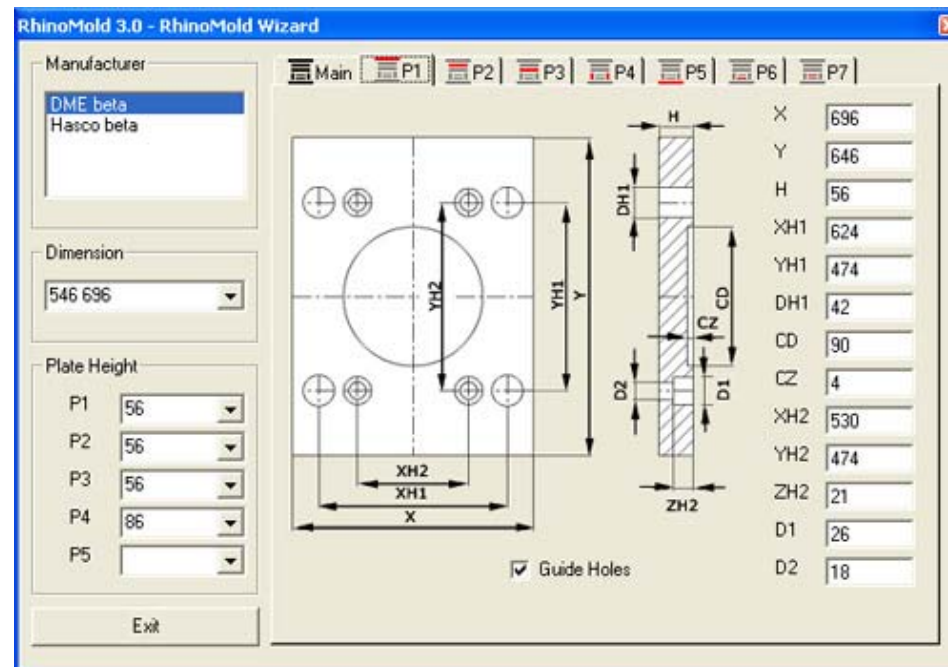




# RhinoMold 3.0

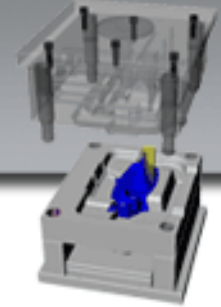


**Parametric Editable Plates New!!!** - the plates are created as solids, and each plate is editable with only one click. Now you can define the mid point, 0,0,Z and the direct point with the same command.  
**Plate Edit Tool New!!!**- edits the parameters of a plate.





# RhinoMold 3.0

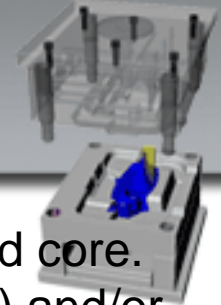


***RhinoMold Library New!!!*** - scalable mold component library. This library has currently more than 45.000 components from DME, Futaba, and Misumi. It can be updated via internet. You can share the library via intranet and install the library in a server. It is not necessary to have the files installed locally.

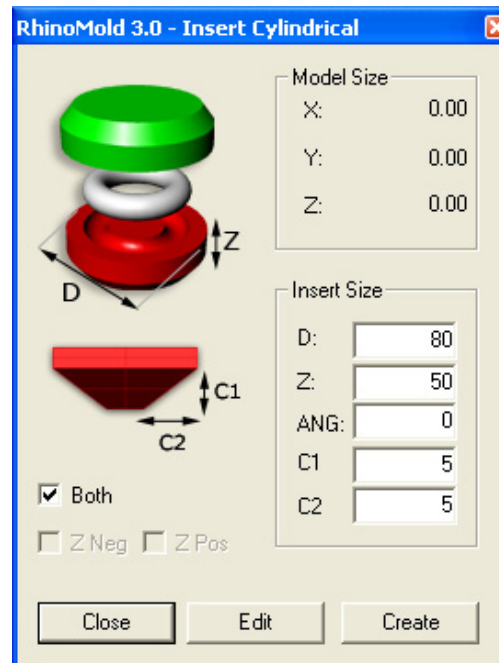




# RhinoMold 3.0

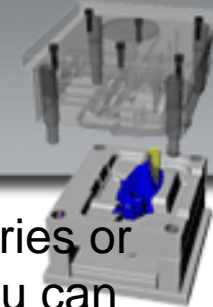


***Cylindrical Insert New!!!*** - this tool creates an insert in the cavity and core. You can change this by clicking on Both and selecting Z pos (positive) and/or Z neg. In this new version, you can create the insert with a draft to make the adjustment easier.

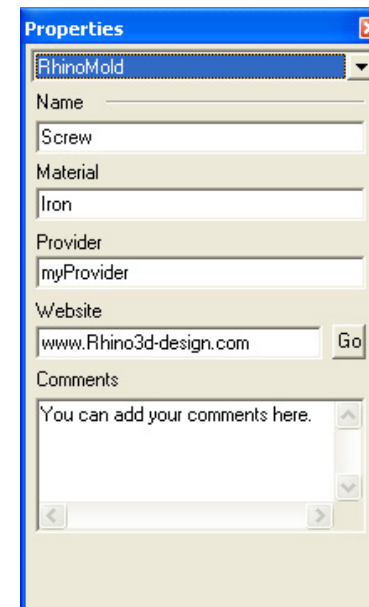
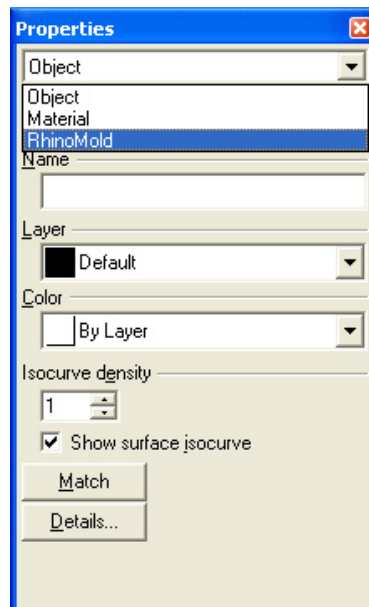




# RhinoMold 3.0

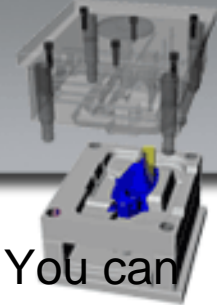


**Define RhinoMold object New!!!** - all elements inserted from the libraries or those created with RhinoMold have their own properties. However, you can define any object type as RhinoMold object and add properties like name, material, provider, web site, and comments. This components will be listed in the componen list.

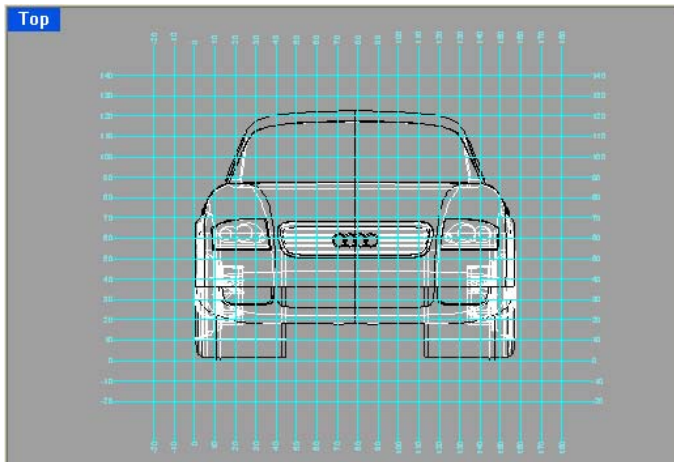




# RhinoMold 3.0



**Network New!!!** - inserts a network line for dimensional drafting. You can define the grid size and the grid line sizes. You can also automatically detect the sizes from the model.

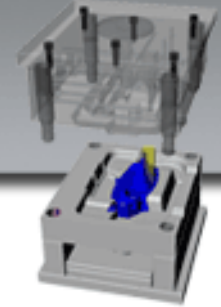


RhinoMold 3.0 - Network

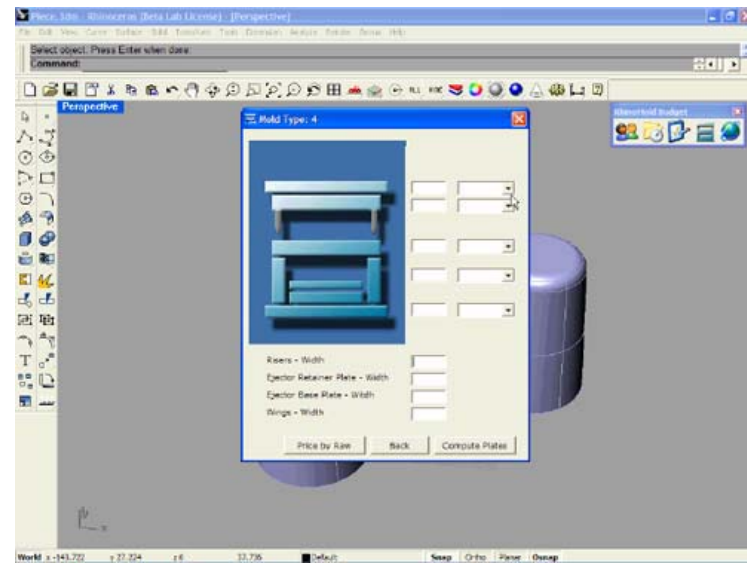
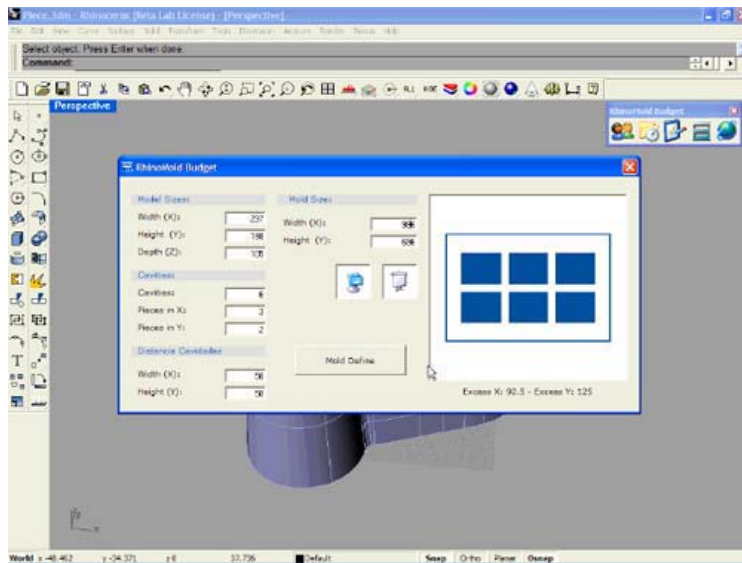
	X coord.	Y coord.
Min Point	<input type="text" value="0"/>	<input type="text" value="0"/>
Max Point:	<input type="text" value="165"/>	<input type="text" value="128"/>
Incr. X	<input type="text" value="10"/>	<input type="button" value="Select geom."/>
Incr. Y	<input type="text" value="10"/>	<input type="button" value="Create"/>
Text height	<input type="text" value="3"/>	<input type="button" value="Close"/>



# RhinoMold 3.0



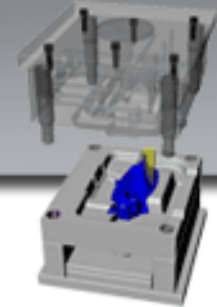
Create Budget.







# RhinoMold 3.0



Compute cost of piece

RhinoMold v2 - Cost of Piece

Number of Cavities	
Price Mold One Cavity	30000
Price Additional Cavity	10000
Price Inyection Machine (h)	72
Pieces to Produce	25000
Cycle (sec)	30
Recommended Cavities	
Pieces x Hour	120,00
Price Plastic Material (Kg)	2,5
Cooland Factor (optional)	1
Weight Piece (Kg)	0,25
Result - Cost x Piece	
Inyection Machine	0,60
Material	0,50
Mold	1,20
TOTAL:	2,30

Publish in MS Excel    Close

Microsoft Excel - Libro1

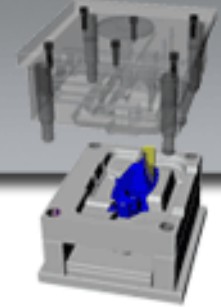
Siguiente    Anterior    Zoom    Imprimir...    Configurar...    Márgenes    Saltos de página    Cerrar    Ayuda

RhinoMold v2 - Cost of Piece	
Price Mold One Cavity	30000
Price Additional Cavity	10000
Price Inyection Machine (h)	72
Pieces to Produce	25000
Cycle (sec)	30
Recommended Cavities	1
Pieces x Hour	120
Price Plastic Material (Kg)	2,5
Cooland Factor (optional)	1
Weight Piece (Kg)	0,25
Result - Cost x Piece	
Inyection Machine	0,6
Material	0,5
Mold	1,2
TOTAL:	2,3

Vista previa: página 1 de 1



# RhinoMold 3.0



[www.rhino3d-design.com](http://www.rhino3d-design.com)

