

COINMACAD 2008 rev 01

PRESENTATION

Coinma presents this CD-ROM which contains the **COINMACAD 1.0** libraries designed for setting up and planning offices with Coinma furniture for **AutoCAD 2004 / 2005 /2006 /2007 /2008**.

- Work planes: Table, Portico, Ergo, Cosmos, Duna, Mito.
- Counters: Table and Portico.
- Compartmentalization: Divisual glass, Divisual classic.
- Cabinets: Coinma cabinets, Table cabinets and metal cabinets.
- Chairs: Sya.
- Planning and implementation accessories

Given the vast extent of options available with our furniture lines, it would be impractical to attempt to depict personalised lay-outs in a photo catalogue. This is why we have prepared this Coinma furniture library so that it can be used with programs such as Autocad 2004, Autocad 2005, Autocad 2006 and Autocad 2007.

This is a tool that has been developed in its entirety by the Coinma project department to complement the presentation of offers.

Use of this tool, with all of the possibilities it offers, is fast becoming indispensable for specialists that use **Coinma** products.

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TUTORIAL

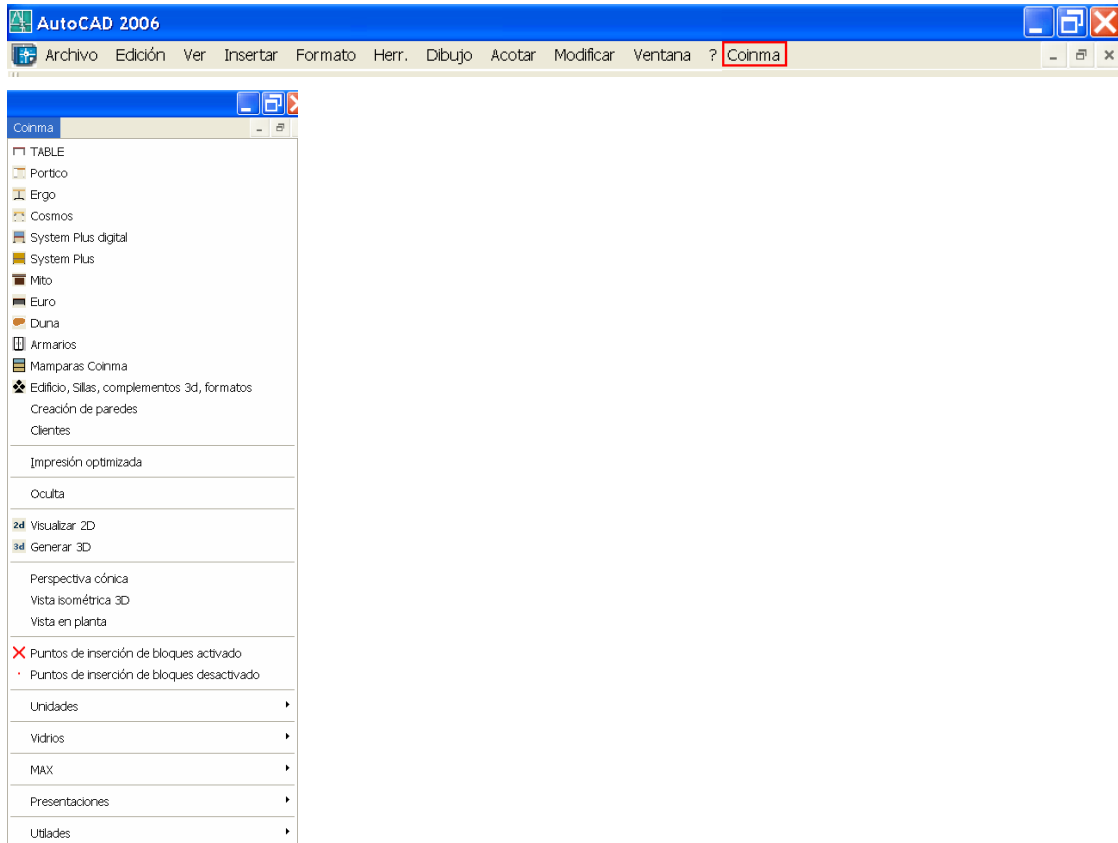
1. INSTALLING & SETTING UP COINMACAD FOR AUTOCAD

1. We recommend a minimum screen resolution of 1024x768
(Start / Settings / Control panel > Display) (Windows) to avoid problems with the application's dialog box.
2. Exit AutoCAD
3. Insert the CD-ROM provided by Coinma
4. Launch the [instalacion.exe](#) file located inside the [/INSTALACION/](#) folder on the CD-ROM
5. The software will allow you to install the application on your system by automatically detecting the available version of AutoCAD.
6. Start AutoCAD
7. For [AutoCAD versions 2004 and 2005](#), installation is transparent and the process finishes automatically.
8. For [versions 2006 / 2007 and 2008](#) it will be necessary to write the command **"coinma"** (ie Command:coinma) in the command bar, this will add the new menus and toolbars with coinma functions to AutoCAD, without modifying your personal settings.

2. Working with COINMACAD 2008

Interface

The first time that you start COINMACAD, the opening screen will display an additional option on the standard top menu bar for AutoCAD.



COINMACAD toolbar

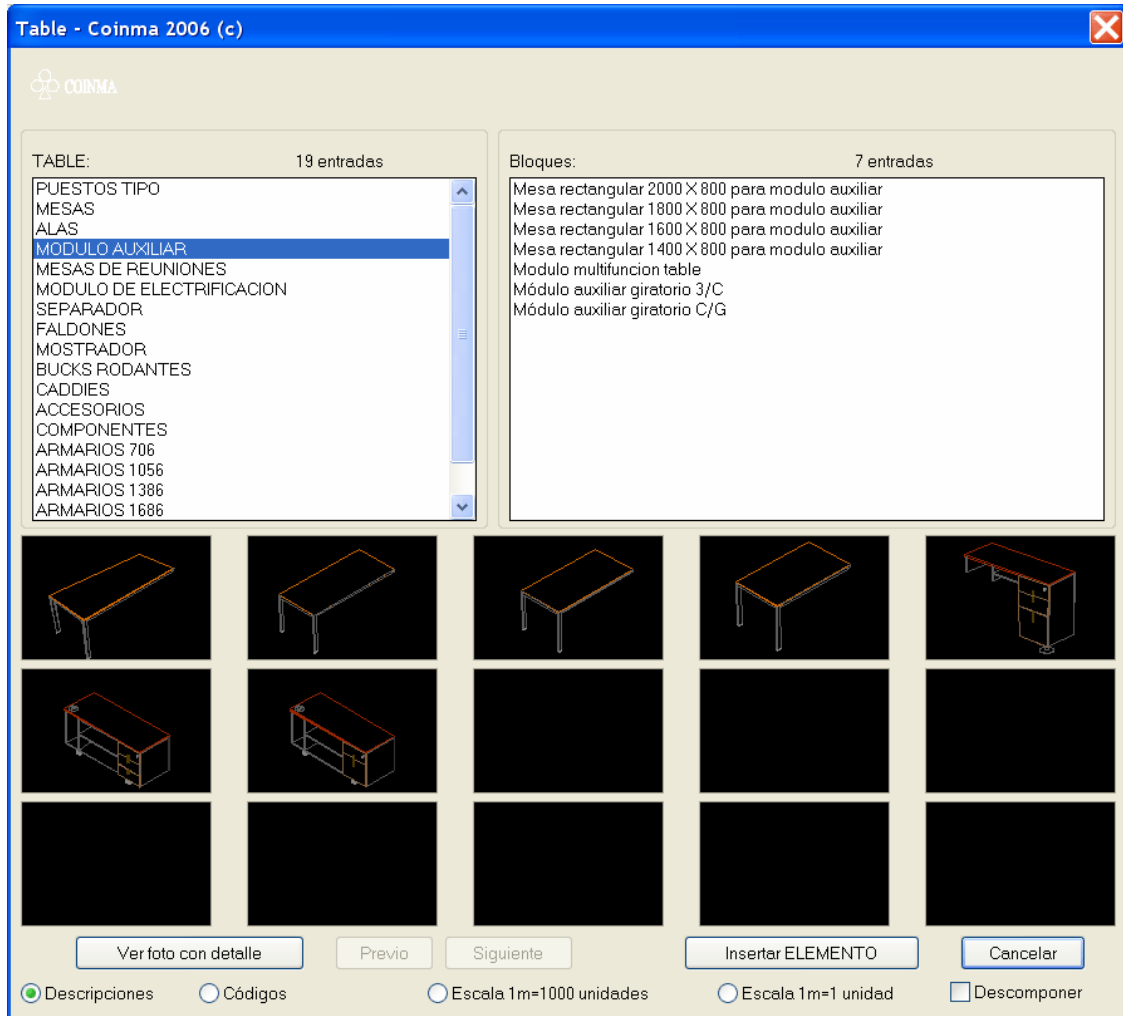
The toolbars display the various furniture lines, represented by icons that initiate the commands. When the pointing device is moved over a tool, hover text will provide an indication along with its name.

The toolbar can be “docked” or left “floating”. A docked toolbar can be fixed to any corner of the display area. A floating toolbar can be dragged around any part of the computer screen and resized if needed.



INSERTING ELEMENTS WITH COINMACAD

The following dialog box is used to choose components for a lay-out:



Select the family in the first window, e.g. Rectangular tabletops, the second window provides the available models and by pressing the [Insert Element] button you can include it as a block in your AutoCAD drawing.

Options:

- See detailed photo, this shows us a representative icon and the characteristics of each product.
- See code, this gives us information about the product code.
- Scale drawing dimensions: With this option ACTIVATED (by defect) the block is directly inserted without asking for the insertion scale, only the insertion angle for the element will be asked for.
- Break down: The block is inserted broken down, consequently the properties for the block will be lost.

BLOCK INSERTION PROCESS:

The procedure for inserting furniture blocks must **always be done with the 2D option activated beforehand.**

It is necessary to specify an insertion point and angle when inserting an element onto the plan. To begin with it can be placed anywhere on the drawing and then moved or rotated using the corresponding command to create the desired composition. After inserting the element it is advisable to go to the **2D Display** command which will display the elements in a two dimensional view allowing us to insert more elements using the AutoCAD reference points such as intersection, endpoint, midpoint, etc.

Whenever we wish to view it in 3D, go to the **COINMACAD** menu and select the **Generate 3D** command, which will produce a three dimensional view of the model.

SPECIFIC COINMACAD COMMANDS

COINMACAD uses certain commands designed to assist with planning. To access these go to the top COINMACAD menu or open the COINMACAD toolbar.

Once inside the **COINMACAD** toolbar or menu you will find some of the following commands:

- **Optimised printing**, this command modifies the standard AutoCAD command [Print] to produce optimised values suitable for printing drawings containing COIMACAD elements.



- **Hide**, this hides non-visible lines on 3D COINMACAD elements. This command is specially optimised for the COINMACAD application. (also on the toolbar)



- **2D Display** which automatically activates and deactivates the layers necessary to display the plans in 2D. (also on the toolbar)



- **Generate 3D** which automatically activates and deactivates the layers necessary to display the plans in 3D. (also on the toolbar)

- **Conic perspective**, specific command that produces a perspective point of view by interactively positioning a camera point and a target point to create a conic perspective view, recoverable with the view control command.

- **Isometric view in 3D**, to select the user defined isometric perspective point (AutoCAD command)

- **Plan view**, to display the plan view according to the active polar coordinates.

- **Block insertion points**, auxiliary insertion points for legs, screens, modesty panels (also on the toolbar), with the following options:



ACT (activate), this will produce an auxiliary insertion point for accurately positioning columns, etc.



DES (deactivate), this hides the auxiliary points on the screen. (deactivate these points in order to display or print a project).

This tool is very useful when inserting various Coinma furniture elements, allowing them to be suitably and accurately positioned with respect to the workpost plane. It is also useful for positioning those elements that require an exact insertion point.

- **Glass:**

[Act]ivated: active glass (screens, cabinets, karta) when exporting to other display programs.

[De]activated: it is advisable to deactivate the glass for printing perspective views in AutoCAD in order to simulate transparency effects.

- **Export model to 3DS Max**, this produces an AutoCAD file with optimised settings for later use in 3D Studio Max, these instructions contain a section referring to importing drawings from 3D Studio Max 6.
- **Clean drawing:** This command removes all unnecessary information such as unused blocks, line and text styles, etc., from the drawing's database, optimising the DWG file.

List of layers and colours for CoinmaCAD elements.

Layers

The elements for the **COINMA** AutoCAD library are defined with the following layer settings:

2D Layers	COINMA-2D COINMA-SILLAS-2D COINMA-COMPLEMENTOS-2D COINMA-MAMPARA-2D COINMA-EDIFICIO-2D COINMA-COTAS COINMA-TEXTOS COINMA-RECUADRO	2D Coinma Furniture / Screens 2D Chairs 2D Complements, telephones, CPU, etc. 2D Partitions Walls, doors, windows, pillars, 2D. Dimension lines. Descriptive text partitions Frame / box / logotype
3D Layers	COINMA-3D COINMA-ARMARIOS-3D COINMA-MAMPARA-3D COINMA-SILLAS-3D COINMA-EDIFICIO-3D COINMA-COMPLEMENTOS-3D COINMA-VIDRIO (*) COINMA-MAMPARA-VIDRIO (*) COINMA-MAMPARA-VIDRIO-HATCH COINMA-EDIFICIO-VIDRIO (*)	Coinma furniture elements Cabinets Tabique Classic / Divisual cabinet 3D chairs 3D Walls, doors, windows 3D Complements, telephones, CPU, etc. "Glass" element (*) Partition glazing Shaded partition glazing Door, window glazing

AutoCAD / Object colour association table

AutoCAD colour	Type of object
32	Tabletops
34	Wood on executive desks
250	Extra pedestals
251	Pedestales
252	Levelling feet
253	Table frame
37	Mobile file fronts
38	Mobile file handles
39	Mobile file rear
251	Mobile file structure
252	Mobile file casters
41	Laminated / wooden / upholstered modesty panels
177	Ceramic
47	Laminated / wooden / upholstered third vertical plane
49	Third horizontal plane.
8	Plastic components
143	Third vertical glass plane
143	Glass worktops
47	Plus system panels
33	Plus system panel edging
150	Plus System screen frame
254	Cabinet structure
35	Cabinet doors
38	Cabinet handles
45	Cabinet back
24	Cabinet worktops
43	Tambour door cabinets slats
9	Metal partition structure, base and crown
40	Partition screen finish 1 (vertical grain)
30	Partition screen finish 2 (horizontal grain)
51	Partition screen finish 3
38	Partition cabinet pull-handles
9	Knobs, handles.
150	Laminated / Upholstered screens
151	System Plus polycarbonate / frosted glass

141	Glass tables / Mixed third planes / Glass screens
43	VDU screen, printer
19	Glass screen, keyboard
125	Plant foliage
35	Plant pot
36	Doorframes
26	Window frames
142	Glass window panes
25	Door handles
165	Chair upholstery
247	Chair frame
164	Complementary "plastic" colours
White	2D building partition walls
White	3D building partition walls
Red	General 2D of furniture

FAQ for COINMA libraries

- **After inserting various blocks in AutoCAD, some elements appear at different heights when a 3D view is generated.**

In order to position elements correctly on the 0 origin the drawing needs to be switched to 2D display [**Visualized 2D**].

- **Only left-hand posts are available. How do I get a right-hand one?**

Use the AutoCAD symmetry command.

- **In AutoCAD the auxiliary point appear when printing.**

Go to the Block Insertion Points option and deactivate it (in the COINMACAD menu or the COINMACAD toolbar).

- **When applying the AutoCAD command [hide] the elements are displayed with lots of curved lines that cannot be cleaned.**

Go to the hide command inside the COINMACAD menu, there is a specifically optimised command for working with the Coima libraries, likewise the COINMACAD [Optimised Printing] command can also be used. If the problem persists, try using "breakdown block".

SCALES:

All **COINMACAD** elements are drawn at the following scale:

- >1 mm. = 1 Autocad unit.

TUTORIAL for producing a rectangular TABLE 1800 x 800 with 1000 x 600 return table.

Layout made up of a Desk 1800 x 800 with return table 1000 x 570 and mobile file + drawer

- 1.- Using the COINMACAD menu, select **TABLE** -> MESAS -> Mesa rectangular 1800 x 800.
- 2.- Select **2D View** in the **COINMACAD** menu, to produce a plan view of the table.
- 3.- Insert ALAS (return tables) -> Ala rectangular 1000 x 570 at the bottom right corner of the main desk.
- 4.- In the **COINMACAD** menu select the command Insertion Points -> Active, some red auxiliary reference points will now appear in the shape of a cross. These insertion points are auxiliary points to help you insert modesty panels, cable management channels, vertical third planes, etc.
- 5.- To produce a 3D view of the layout, select the command [Generate 3D] in the COINMACAD menu.

Minimum system requirements.

AUTOCAD 2004 / 2005 / 2006 / 2007, Windows 2000 sp4 / Windows XP

Pentium III > 1.2 GHz

RAM: 1024 Mb

400 Mbytes free disk space for installing the application.

SUPPORT

Should you have any doubts about installing the application, please get in touch with us at the following address:

E-mail: inigo.urrutia@coinma.com

Support: Iñigo Urrutia Guevara

Tel: **945 24 16 16** extension: **107**

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Note: The specific COINMACAD commands only work with this application and are not compatible with libraries from other manufacturers.

Coinma will not be held responsible for misuse of this application, as well as possible incompatibility with other applications and/or libraries from other manufacturers.

All drawings contained on this CD-ROM are the property of Coinma scoop.