# **CAD Drawings**

## *Easy to use 2D drawing and room layout*

A flexible design tool for laying out jobs e.g. Office spaces, Kitchens, Washrooms ...

- Create room layout
- Add products
- Optimise

The module provides full costing, drawings and supporting documents,

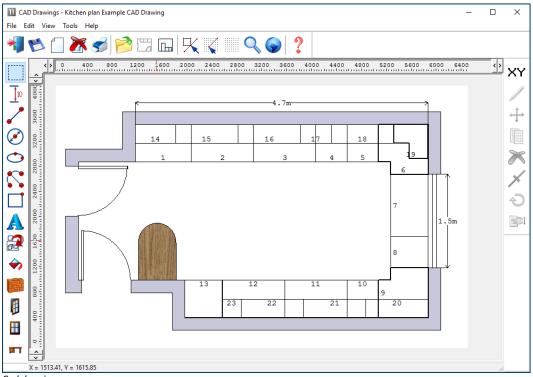
The module allows you to create a 2D drawing (plan) defining a space, for example a Kitchen, with walls, doors and Windows. Products from the Product library can then be added to plan and dragged into position.

Once the area is fully specified the program creates the product requirements list and then a cutting list and the items can be optimised and cutting patterns reviewed in usual way.

The plan or layout can be exported in DXF format.

#### CAD drawing library

Use the screen and integrated tools to produce a space or room layout and position products on the layout.

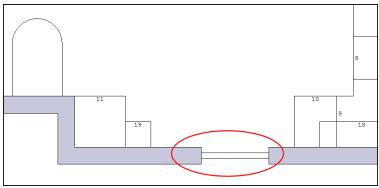


Cad drawings

A set of tools allow for quick and accurate entry of the room details.

Wall Door Window A full set of drawing tools are also included:, arc, line, circle, ellipse, text ...

Here the Window tool is used to add a window.



Window tool

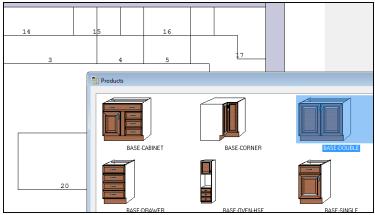
Products were re-positioned as a result of the change.

Details of each product are shown via the Properties pop-up

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2	3		5	17	-
		Prope	rties		×
		Prod	uct	BASE-DRAWER	
	Description Drawers-MFC18-0AK				
	Number 4		4		
		Xsta	t	4069.12	
		Ysta	t	3480.04	
		Widt	h	500.0	
		Heig	ht	870.0	
		Dep	h	600.0	
		Angl	Angle 0		
		Verti	cal position	0.0	
		Autor	natic dimensioning		
		Varia	bles		
		Line	colour		
		Line	weight	0	
19			ОК	Try Help	Cancel

Window tool - properties

Use the Product tool to add products to the drawing.



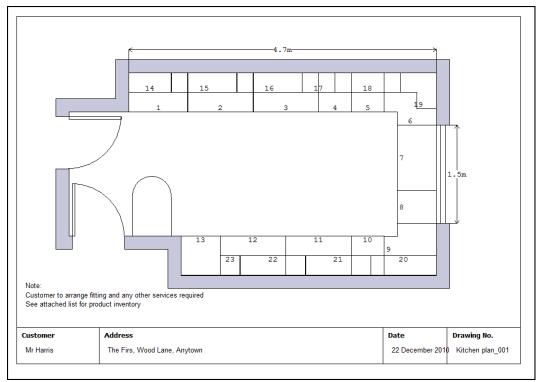
Select product

The view can be switched between the plan view and an elevation along a selected wall.



Wall view

Any drawing can be added to a diagram layout - so that a full annotated drawing can be produced if required.



Layout diagram

## **Product requirements**

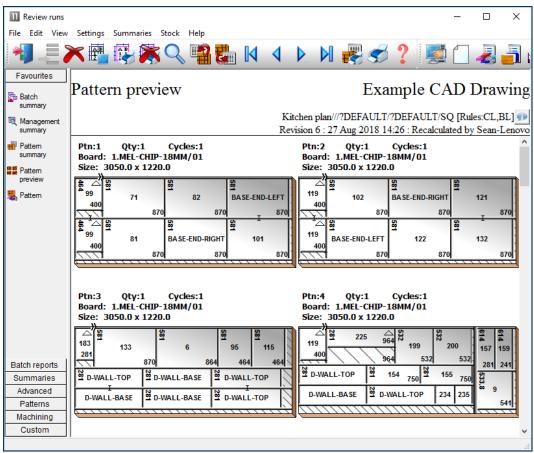
Once the drawing is complete the product requirements can be calculated automatically by the program.

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Order Kitchen & bedroom							
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				Product			
No	Code	Information	Width	Product Height	Depth	Qiy	_
	Code BATHROOM-CABINET	Information Bathroom cabinet	Width 700.0		Depth 180.0	Qty	1
				Height		Qty	
1	BATHROOM-CABINET	Bathroom cabinet	700.0	Height 600.0	180.0	Qty	1
1 2 3	BATHROOM-CABINET WARDROBE	Bathroom cabinet Wardrobe - drawer & door	700.0	Height 600.0 1800.0	180.0 600.0	Qty	1
1 2 3 4	BATHROOM-CABINET WARDROBE DRESSER	Bathroom cabinet Wardrobe - drawer & door Dressing table	700.0 1000.0 1200.0	Height 600.0 1800.0 1100.0	180.0 600.0 600.0	Qy	1 1 1
1 2 3 4 5	BATHROOM-CABINET WARDROBE DRESSER DRESSER	Bathroom cabinet Wardrobe - drawer & door Dressing table Dressing table	700.0 1000.0 1200.0 1000.0	Height 600.0 1800.0 1100.0 1200.0	180.0 600.0 600.0 600.0	Qty	1 1 1
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1 2 3 4 5 6 7 8	BATHROOM-CABINET WARDROBE DRESSER DRESSER WARDROBE BATHROOM-CABINET DRESSER	Bathroom cabinet Wardrobe - drawer & door Dressing table Dressing table Wardrobe - drawer & door Bathroom cabinet	700.0 1000.0 1200.0 1000.0 1200.0 700.0 1000.0	Height 600.0 1800.0 1100.0 1200.0 1900.0 600.0 1100.0 1100.0	180.0 600.0 600.0 600.0 650.0 180.0 600.0	Qty	1 1 1 1 2 1
1 2 3 4 5 6 7 8 9	BATHROOM-CABINET WARDROBE DRESSER DRESSER WARDROBE BATHROOM-CABINET DRESSER DRESSER	Bathroom cabinet Wardrobe - drawer & door Dressing table Dressing table Wardrobe - drawer & door Bathroom cabinet Dressing table Dressing table	700.0 1000.0 1200.0 1000.0 1200.0 700.0 1000.0 1000.0	Height 600.0 1800.0 1100.0 1200.0 1900.0 600.0 1100.0	180.0 600.0 600.0 600.0 650.0 180.0 600.0 600.0	Qy	1 1 1 1 2 1 1
1 2 3 4 5 6 7 7 8 9 9	BATHROOM-CABINET WARDROBE DRESSER DRESSER WARDROBE BATHROOM-CABINET DRESSER WARDROBE BASE-CABINET	Bathroom cabinet Wardrobe - drawer & door Dressing table Dressing table Wardrobe - drawer & door Bathroom cabinet Dressing table Dressing table Wardrobe - drawer & door Base unit - cabinet	700.0 1000.0 1200.0 1200.0 700.0 1000.0 1000.0 1000.0 900.0	Height 600.0 1800.0 1200.0 1900.0 600.0 1100.0 1100.0 1800.0 870.0	180.0 600.0 600.0 650.0 180.0 600.0 600.0 600.0 600.0 600.0	Qty	1 1 1 1 2 1 1 1 1
1 2 3 4 5 6 7 8 9 10 11	BATHROOM-CABINET WARDROBE DRESSER DRESSER WARDROBE BATHROOM-CABINET DRESSER DRESSER WARDROBE BASE-CABINET BASE-CABINET BASE-CORNER	Bathroom cabinet Wardrobe - drawer & door Dressing table Dressing table Wardrobe - drawer & door Bathroom cabinet Dressing table Uressing table Wardrobe - drawer & door Base unit - cabinet Corner cabinet	700.0 1000.0 1200.0 1200.0 700.0 1000.0 1000.0 1000.0 900.0 800.0	Height 600.0 1800.0 1200.0 1900.0 600.0 1100.0 1100.0 1800.0 870.0 870.0	180.0 600.0 600.0 650.0 180.0 600.0 600.0 600.0 600.0 600.0 800.0	Qty	1 1 1 1 2 1 1 1 1 1
1 2 3 4 5 5 6 7 7 8 9 10 11 12	BATHROOM-CABINET WARDROBE DRESSER DRESSER WARDROBE BATHROOM-CABINET DRESSER DRESSER WARDROBE BASE-CABINET BASE-CORNER BASE-CORNER BASE-CONNER	Bathroom cabinet Wardrobe - drawer & door Dressing table Dressing table Wardrobe - drawer & door Bathroom cabinet Dressing table Dressing table Dressing table Dressing table Corresr cabinet Corner cabinet Double base unit	700.0 1000.0 1200.0 1200.0 700.0 1000.0 1000.0 1000.0 900.0 800.0	Height 600.0 1800.0 1200.0 1900.0 600.0 1100.0 1100.0 1800.0 870.0 870.0 870.0	180.0 600.0 600.0 650.0 180.0 600.0 600.0 600.0 600.0 800.0 800.0 800.0	Qly	1 1 1 1 2 1 1 1 1 1 1
1 2 3 4 5 5 6 7 7 8 9 9 10 11 12 13	BATHROOM-CABINET WARDROBE DRESSER WARDROBE BATHROOM-CABINET DRESSER DRESSER WARDROBE BASE-CABINET BASE-CORNER BASE-COUBLE BASE-DOUBLE	Bathroom cabinet Wardrobe - drawer & door Dressing table Dressing table Wardrobe - drawer & door Bathroom cabinet Dressing table Dressing table Ursaing table Ursaing table Corresr cabinet Corner cabinet Double base unit Drawers-MFC18-0AK	700.0 1000.0 1200.0 1200.0 700.0 1000.0 1000.0 1000.0 900.0 800.0 1000.0	Height 600.0 1800.0 1100.0 1200.0 600.0 1100.0 1100.0 1100.0 870.0 870.0 870.0 870.0	180.0 600.0 600.0 650.0 180.0 600.0 600.0 600.0 600.0 800.0 800.0 600.0	Qy	1 1 1 1 1 2 1 1 1 1 1 1 1 1
1 2 3 4 5 6 7 8 9 10 11 11 12 13 14	BATHROOM-CABINET WARDROBE DRESSER DRESSER WARDROBE BATHROOM-CABINET DRESSER DRESSER WARDROBE BASE-CABINET BASE-CONNER BASE-CONNER BASE-CONNER BASE-ODUBLE BASE-OVEN-HSE	Bathroom cabinet Wardrobe - drawer & door Dressing table Dressing table Wardrobe - drawer & door Bathroom cabinet Dressing table Dressing table Wardrobe - drawer & door Base unit - cabinet Corner cabinet Double base unit Drawers/MFC18-0AK Oven Housing	700.0 1000.0 1200.0 1200.0 700.0 1000.0 1000.0 1000.0 900.0 800.0 800.0 500.0 600.0	Height 600.0 1800.0 1200.0 1200.0 600.0 1100.0 1100.0 1800.0 870.0 870.0 870.0 870.0 870.0	180.0 600.0 600.0 650.0 180.0 600.0 600.0 600.0 600.0 600.0 600.0 600.0 600.0	Qty	1 1 1 2 1 1 1 1 1 1 1 1 1
No 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	BATHROOM-CABINET WARDROBE DRESSER WARDROBE BATHROOM-CABINET DRESSER DRESSER WARDROBE BASE-CABINET BASE-CORNER BASE-COUBLE BASE-DOUBLE	Bathroom cabinet Wardrobe - drawer & door Dressing table Dressing table Wardrobe - drawer & door Bathroom cabinet Dressing table Dressing table Ursaing table Ursaing table Corresr cabinet Corner cabinet Double base unit Drawers-MFC18-0AK	700.0 1000.0 1200.0 1200.0 700.0 1000.0 1000.0 1000.0 900.0 800.0 1000.0	Height 600.0 1800.0 1100.0 1200.0 600.0 1100.0 1100.0 1100.0 870.0 870.0 870.0 870.0	180.0 600.0 600.0 650.0 180.0 600.0 600.0 600.0 600.0 800.0 800.0 600.0	Qty	1 1 1 1 1 2 1 1 1 1 1 1 1 1

Cad drawings - product requirements

The requirements are then ready for optimising in the usual way. Alternatively the program can produce a full Quotation for the Products and Quotes module.

The requirements or the quotation are optimised in the usual way to produce a set of cutting patterns for the job.



Cad drawings - optimisation

# CAD Drawings summary

CAD Drawings requires the Products and Quotes Module

Product Records	Unlimited	
Customer records	Unlimited	
Drawing Library	•	
External product drawings	•	
Parametric products	•	
Quotations	•	
Job Costing	•	
Product Costing	•	
Flexible orders	•	
Integrated local help	•	