

CabinetSense Wiki

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CabinetSense Wiki

Cutlist Plus Integration

Overview

CabinetSense creates a file designed specifically for Cutlist Plus and uses a .cscpl file extension. This file can be opened directly from within Cutlist Plus instead of using the File>Import option.

Note: You will need version 12.5.1 (or later) of Cutlist Plus.

CNC Integration

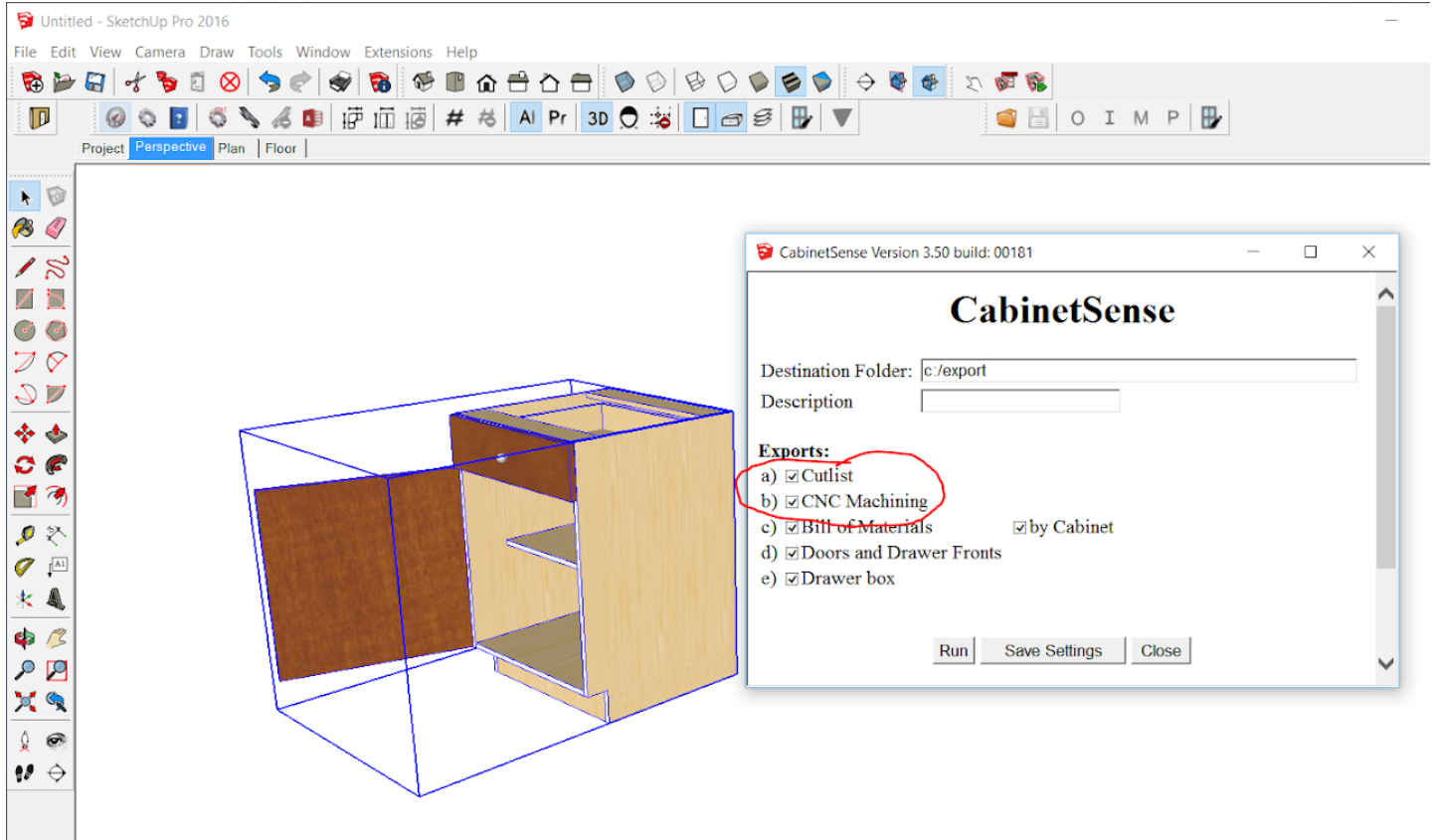
note: *requires the Professional Edition of CabinetSense and the Platinum Edition of Cutlist Plus.*

Cutlist Plus can utilize the DXF created by CabinetSense to generate sheet optimized DXF complete with all of your machining information and layers.

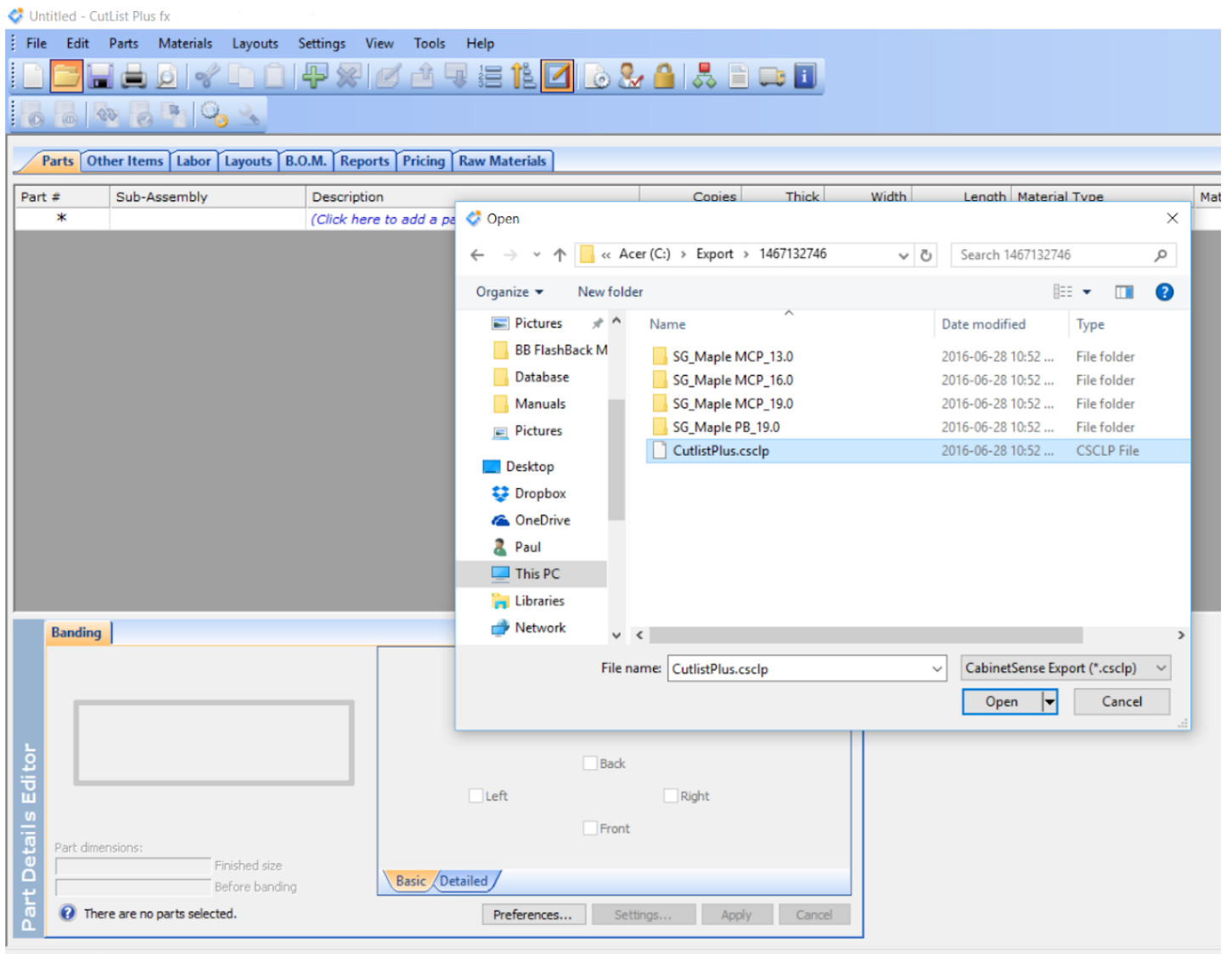
This allows you use Cutlist Plus to handle your **optimization, inventory control, label creation and job costing**.

CNC Example:

- Export your CabinetSense model



- You must select both the Cutlist and CNC Machining export options in order to pass all of the necessary information to Cutlist Plus.
- Open the cutlist file.



- Navigate to where you exported your CabinetSense model and select the .cslcp file
- Optimize the parts

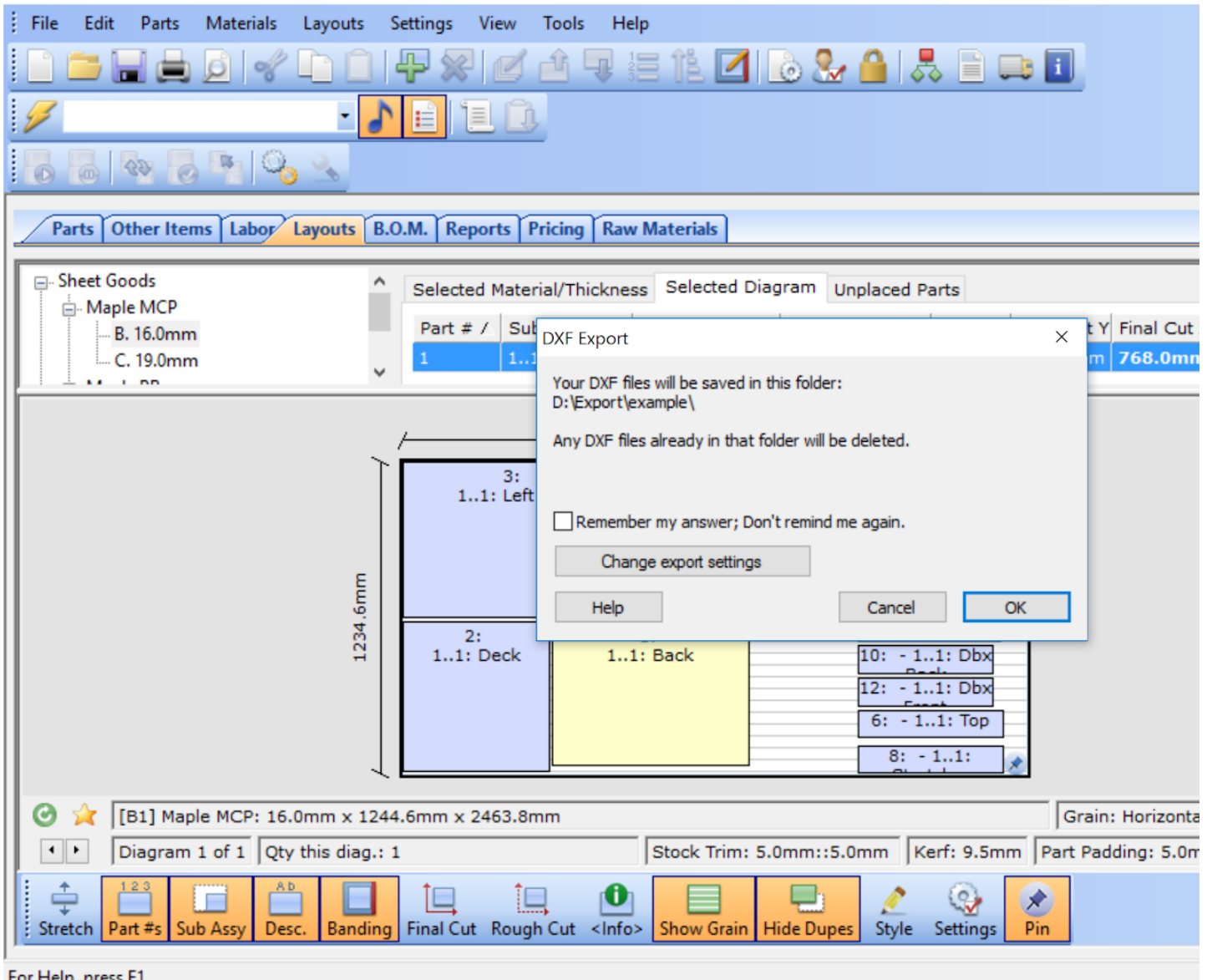
The screenshot displays the CutList Plus software interface. The top menu bar includes File, Edit, Parts, Materials, Layouts, Settings, View, Tools, and Help. Below the menu is a toolbar with various icons for file operations and layout management. The main workspace is divided into several sections:

- Parts List:** A table showing the parts included in the layout.

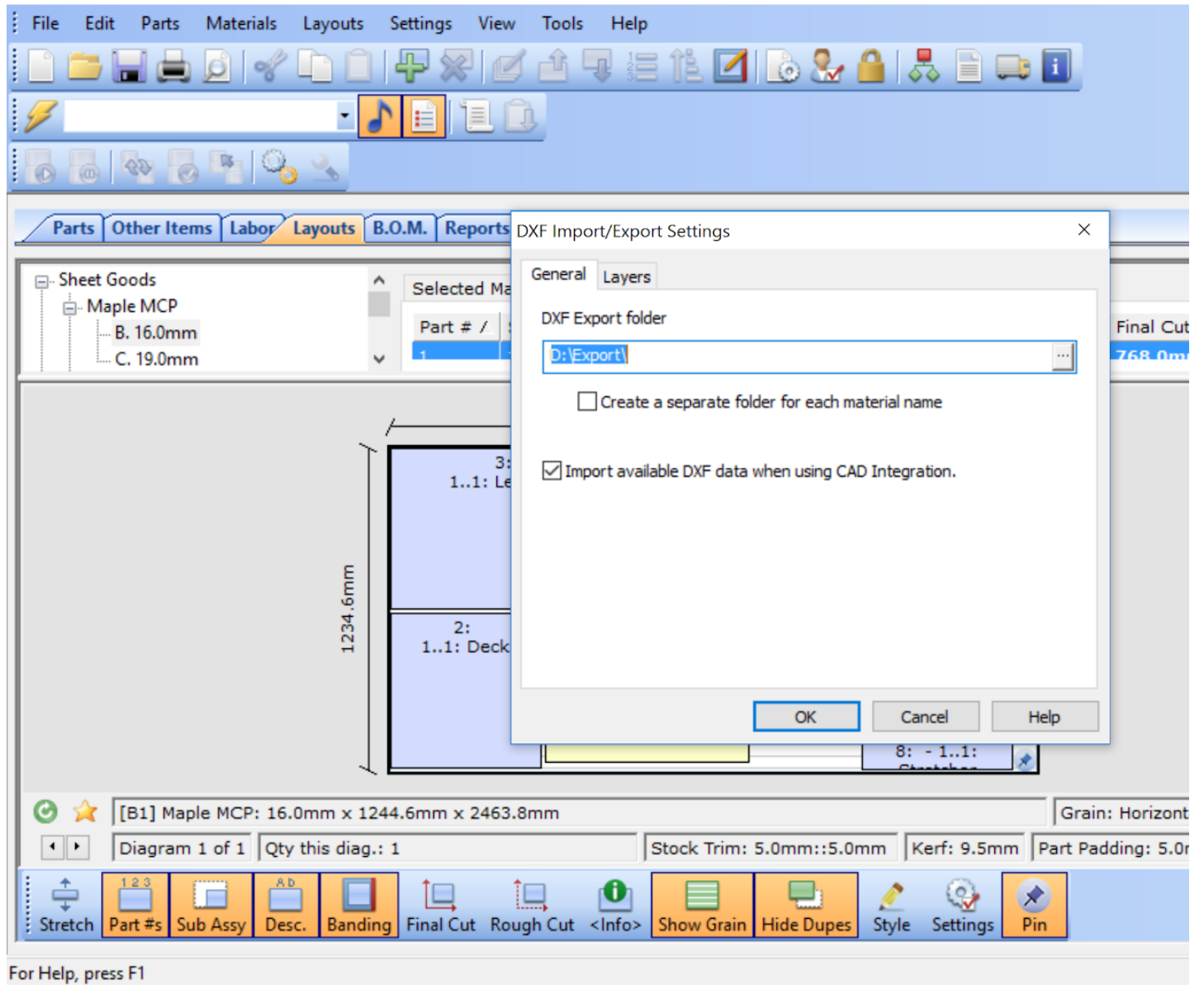
Part # /	Sub-Assembly	Description	Copies in Layout	Thick	Final Cut Y	Final Cut X	F
1	1..1	Back	1	16.0mm	568.0mm	768.0mm	5
- Material Layout Diagram:** A diagram showing the layout of the material sheet. The sheet dimensions are 1781.5mm by 1234.6mm. The layout includes several parts:
 - 3: 1..1: Left End
 - 4: 1..1: Right End
 - 15: 1..1: Adjustable Shelf
 - 13: - 1..1: Dbx Left Side
 - 14: - 1..1: Dbx Right Side
 - 10: - 1..1: Dbx Back
 - 12: - 1..1: Dbx Front
 - 6: - 1..1: Top
 - 8: - 1..1: Bottom
 - 2: 1..1: Deck
 - 1: 1..1: Back
- Material Information:** [B1] Maple MCP: 16.0mm x 1244.6mm x 2463.8mm. Grain: Horizontal.
- Diagram Information:** Diagram 1 of 1, Qty this diag.: 1.
- Stock Trim:** 5.0mm::5.0mm
- Kerf:** 9.5mm
- Part Padding:** 5.0mm

The bottom toolbar contains the following icons: Stretch, Part #s, Sub Assy, Desc., Banding, Final Cut, Rough Cut, <Info>, Show Grain, Hide Dupes, Style, Settings, and Pin.

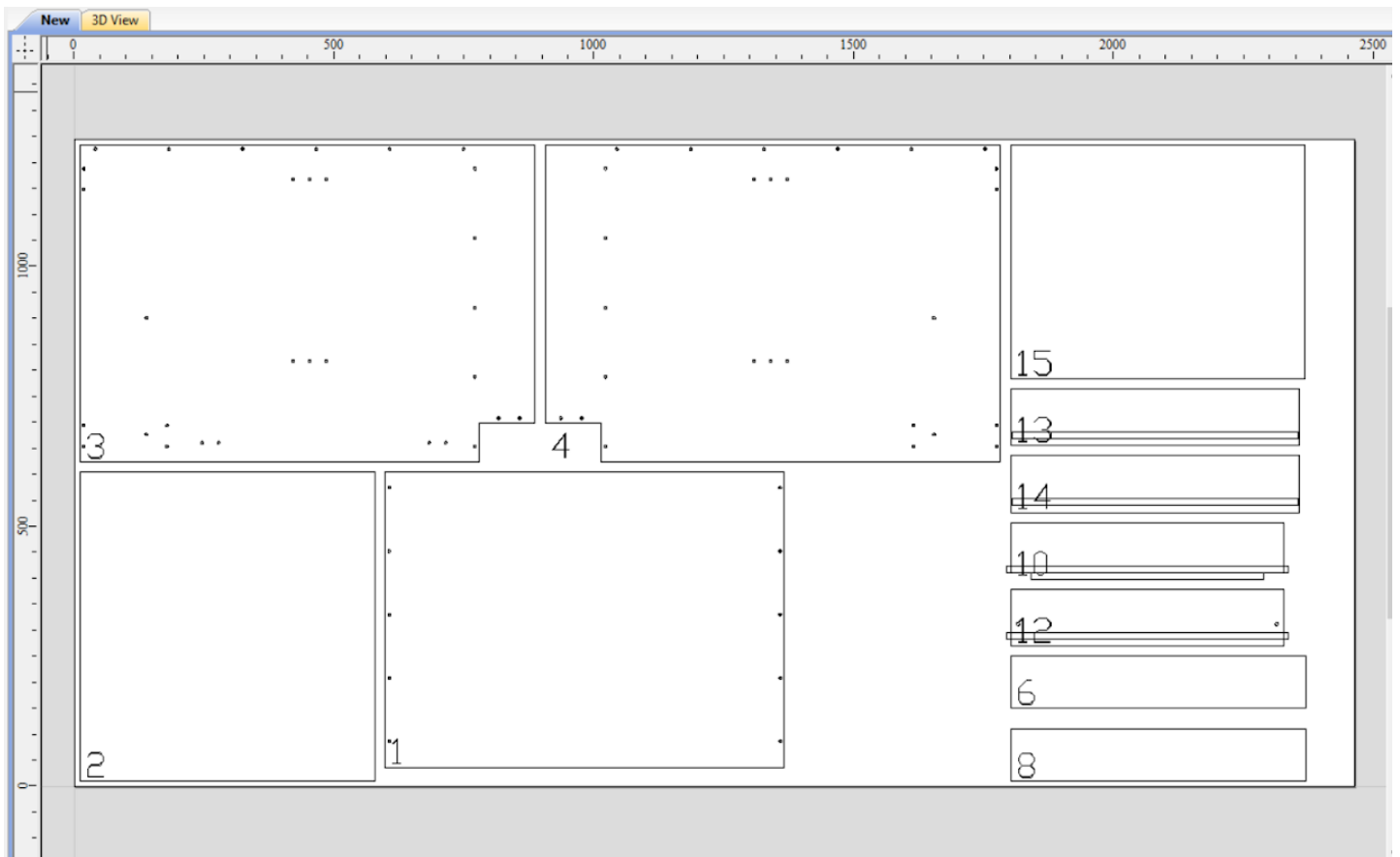
- Export the DXF Data



- You can change your export settings by clicking on the **Change Export Settings** button



- After the export has completed, open the sheet optimized DXF into your CAM Software



- All of the machining, part shaping, and layer information has been flowed through from the original CabinetSense Files.

Bill of Materials (BOM) integration.

NOTE: to activate this feature you must turn on the Add BOM to Cutlist option.

With the BOM information passed along to Cutlist Plus, you can now prepare estimates.

	Cost	Markup	Pct Markup	Price	Pct Total
Milled Materials					
Rough-milled lumber	\$0.00	\$0.00		\$0.00	0.0%
Dimensioned lumber	\$0.00	\$0.00		\$0.00	0.0%
Sheet goods	\$149.56	\$37.39	25.0%	\$186.95	33.2%
Edge banding	\$0.00	\$0.00		\$0.00	0.0%
Sub-total	\$149.56	\$37.39	25.0%	\$186.95	33.2%
Other Items					
Assembly	\$65.00	\$0.00	0.0%	\$65.00	11.5%
Fasteners	\$1.54	\$0.00	0.0%	\$1.54	0.3%
Hardware	\$39.04	\$0.00	0.0%	\$39.04	6.9%
Install	\$70.00	\$0.00	0.0%	\$70.00	12.4%
Machining	\$9.85	\$0.00	0.0%	\$9.85	1.7%
[Not Categorized]	\$0.00	\$0.00		\$0.00	0.0%
Sub-total	\$185.43	\$0.00	0.0%	\$185.43	32.9%
Total Materials	\$334.99	\$37.39	11.2%	\$372.38	66.1%
Labor					
Sub-total	\$0.00	\$0.00		\$0.00	0.0%
Materials and Labor	\$334.99	\$37.39	11.2%	\$372.38	66.1%
Indirect Costs					
Overhead 25% of materials and labor price				\$93.10	16.5%
Contingency 10% of above items				\$46.55	8.3%
Profit 10% of above items				\$51.20	9.1%
Sub-total				\$190.85	33.9%
Shipping and handling: To be determined				TBD	0.0%
Price excluding taxes				\$563.23	100.0%

Parts Other Items Labor Layouts B.O.M. Reports Pricing Raw Materials								
Cost Summary Rough Lumber Dimensioned Lumber Sheet Goods Banding Other Items Labor Skipped Parts								
[x]	Category	/	Item	Unit Cost	Units	Quantity	Total Cost	Ver
<input type="checkbox"/>	[Not Categorized]			\$0.00	Each	4.00	\$0.00	
<input type="checkbox"/>	Assembly		Base 1D1D	\$45.00	Each	1.00	\$45.00	
<input type="checkbox"/>	Assembly		Drawer Front	\$5.00	Each	1.00	\$5.00	
<input type="checkbox"/>	Assembly		Blum Tandem 560 Drawer Box	\$10.00	Each	1.00	\$10.00	
<input type="checkbox"/>	Assembly		Door	\$5.00	Each	1.00	\$5.00	
<input type="checkbox"/>	Fasteners		8mm Dowel	\$0.01	Each	52.00	\$0.52	
<input type="checkbox"/>	Fasteners		0.125inch Screw	\$0.02	Each	10.00	\$0.20	
<input type="checkbox"/>	Fasteners		5mm Screw	\$0.06	Each	13.00	\$0.78	
<input type="checkbox"/>	Fasteners		3mm Screw	\$0.02	Each	2.00	\$0.04	
<input type="checkbox"/>	Fasteners		8mm Screw	\$0.00	Each	4.00	\$0.00	
<input type="checkbox"/>	Hardware		Shelf Pin	\$0.01	Each	4.00	\$0.04	
<input type="checkbox"/>	Hardware		spacer #1	\$2.00	Each	1.00	\$2.00	
<input type="checkbox"/>	Hardware		spacer #2	\$2.00	Each	1.00	\$2.00	
<input type="checkbox"/>	Hardware		Knob	\$5.00	Each	2.00	\$10.00	
<input type="checkbox"/>	Hardware		Blum Tandem 560:550	\$15.00	Each	1.00	\$15.00	
<input type="checkbox"/>	Hardware		Hinge Clip	\$1.00	Each	2.00	\$2.00	
<input type="checkbox"/>	Hardware		107 deg. hinge	\$4.00	Each	2.00	\$8.00	
<input type="checkbox"/>	Install		Base 1D1D install	\$50.00	Each	1.00	\$50.00	
<input type="checkbox"/>	Install		Drawer Front install	\$5.00	Each	1.00	\$5.00	
<input type="checkbox"/>	Install		Blum Tandem 560 Drawer Box install	\$10.00	Each	1.00	\$10.00	
<input type="checkbox"/>	Install		Door install	\$5.00	Each	1.00	\$5.00	
<input type="checkbox"/>	Machining		drill:0.125inch	\$0.10	Each	10.00	\$1.00	
<input type="checkbox"/>	Machining		dado:groove	\$1.00	Each	4.00	\$4.00	
<input type="checkbox"/>	Machining		drill:6mm	\$0.05	Each	4.00	\$0.20	
<input type="checkbox"/>	Machining		drill:8mm	\$0.05	Each	56.00	\$2.80	
<input type="checkbox"/>	Machining		drill:5mm	\$0.05	Each	13.00	\$0.65	
<input type="checkbox"/>	Machining		drill:35mm	\$0.50	Each	2.00	\$1.00	
<input type="checkbox"/>	Machining		drill:3mm	\$0.10	Each	2.00	\$0.20	

... and manage your prices.

- [-] Rough Lumber
- [-] Dimensioned Lumber
- [-] Sheet Goods
- [-] Edge Banding
- [-] Other Items
 - [-] [Exclude]
 - [-] [Not Categorized]
 - [-] Assembly
 - [-] Fasteners
 - [-] Finishing Supplies
 - [-] Hardware
 - [-] Install
 - [-] Machining
- [-] Labor

Item Name /	Unit Cost	Units	Vendor	Bin	Markup	Tax 1	Tax 2
107 deg. hinge	\$4.00	Each				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Accuride:10	\$12.00	Each				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Accuride:14	\$13.50	Each				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Accuride:18	\$14.00	Each				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Blum Tandem 560:550	\$15.00	Each				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Closet Rod	\$35.00	Each				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Hinge Clip	\$1.00	Each				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Knob	\$5.00	Each				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Shelf Pin	\$0.01	Each				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
spacer #1	\$2.00	Each				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
spacer #2	\$2.00	Each				<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
*							