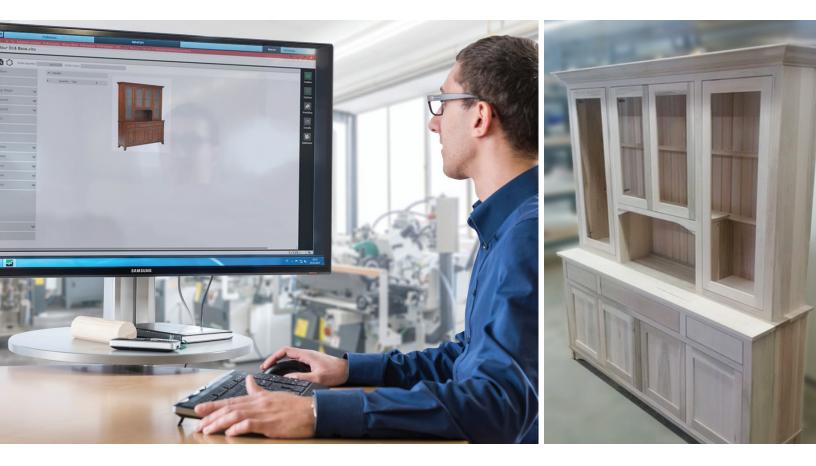


Software to ensure maximum flexibility for on-demand production



Everything for solid wood processing. Everything from a single source. Everything 100%!



www.weinigusa.com www.holzherusa.com



EnVision

Make what your customers want, when they want it. EnVision your advantage.

Break out of traditional manufacturing methods with a highly flexible system for on-demand production

EnVision Solid Wood Advantages

- True parametric joinery for your entire product
 - Furniture, doors—stiles, rails, insert—all adjusted simultaneously
- Preview of DXF drawings instantly (as size adjustments are made) ¹
- View full break out of the entire cut-list
- Produce solid wood joinery without the need for traditional dedicated machinery and personnel ²
 - No miter and mortise machines, dovetail drawer box machines, or coping machines are required

EnVision Panel Processing Advantages

- Design parametric cabinets for simple and easy changes as well as the solid wood door components
- Customize on-demand
- Alter the sizes of your products as you require
- EnVision connects with your WEINIG and HOLZ-HER equipment: ²
 - □ Moulder Tool Room
 - □ Rip Saw
 - □ Beam Saw
 - CNC Machines (Point-to-Point, nested, vertical CNC machining centers, possible third party saws)



Discover the benefits of time and labor savings as EnVision software streamlines your production process.

The paperless environment eliminates the need for WIP and staging material. Bills of material are created dynamically by automatically connecting to your WEINIG and HOLZ-HER equipment.

EnVision also allows you to create and customize your label data, adding a high degree of flexibility to suit your needs.

With special options, your software can achieve even more:

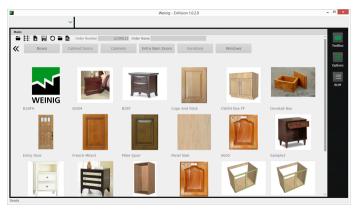
- maintain your order database and track individual orders ³
- maintain your customer database ³
- email receipts ³
- track your billables and your sales team's sales ³
- ¹ Assembly DXF drawings are limited to parallel and perpendicular positioning
- ² Requires Joinery Package upgrade
- ³ Requires Office Package upgrade



The elements of EnVision software combine to provide flexibility and time savings.

Visual Browsing

- Navigate your catalog to find the correct template
- Visualize browsing reduces mistakes and confirms to the user what to do



Bill of Material Generation

• EnVision will visualize the BOM as it is generated and provide previews of part detail

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Quantity	1		∧ De	talls				
Height	31			QTY	Unit	\$	THE REPORT OF THE	
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Depth	30							
Material	Plywood		~					197
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Drawer Height Thickness 30M cc100113-12300.wmf cc100113-12301.wmf	6 0.75 Part Toe Runner Top Rail	Quantity 1	18.25 16.75		4.5625 1.625		Plywood Oak	
Drawer Height Thickness 30M Image cc100113-12300.wmf cc100113-12300.wmf	6 0.75 Part Toe Runner Top Rail Bottom Rail	Quantity 1 1	18.25 16.75 16.75		4.5625 1.625 1.625		Plywood Oak Oak	
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Product Editing

- Order variables are set when the template is created
- Each template displays the elements the designer chooses to have available at order time

	 CWOH Box FF.xls> 	ĸ		
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	Order Number cc10	00113 Order Name		Tool
Quantity	1	∧ Details		100
Height	31	# QTY Unit	\$	
Width	20			Opti
Depth	30			i = BC
Material	Plywood 🗸			
Face Frame Material	Oak 🖌 🖌			
Drawer Height	6			
Thickness	0.75			

Label Design Environment

• EnVision provides the coordination of user-defined variables within templates and makes them available for inclusion in labels.



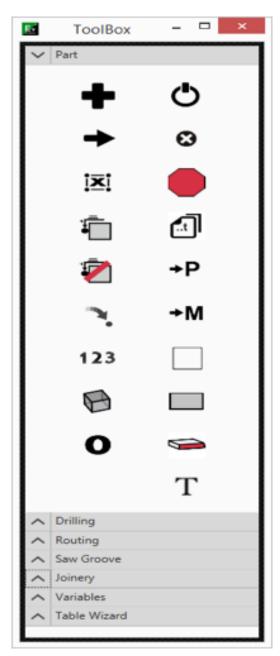


See a demonstration of EnVision software's capabilities at www.weinigusa.com/envision. Ask your local sales representative for more information.



ToolBox

- EnVision provides a toolbox to make template creation and easy variable coordination hassle-free
- Depending on options purchased, the toolbox will reflect all of the functions available



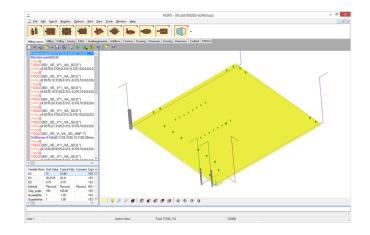
Integration with Beam Saw (included)

- EnVision can automatically link up with Holz-Her panel saws
- Parts can be designated into types for greater control at run time
- Labels are produced automatically for proper part identification

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CNC Programming

- EnVision will create parametric g-code to be run on any Holz-Her CNC machine
- Within the available instructions provided with EnVision, g-code will be produced for each part based on the order definition





Options

Nesting (optional)

 Via BetterNest, EnVision will coordinate all instructions for BetterNest to produce nested solutions

oards	Quantity	Use	Comn ^	Parts	Quan	Quantity (Quantity (Is)		
0089 1.hep	1	86,686138	-	cc100089-11793.hop	4	21	21		
0089_2.hop	1	86.686198		cc100089-11794.hop	2	21	21		
0089_3.hep	1	86.686198	- II	cc100089-11795.hop	4	21	21		
0089_4.hep	1	86.686198		cc108089-11797.hop		21	21		
0089_5.hep	1	75.227865	:	cc100089-11798.hop	2	21	21		
0089_6.hep	1	72.363281							
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	1	1794			1794		11795	26(11	

Solid Wood Processing (optional/modular)

- EnVision can automatically link up with Weinig crosscut saws, ripsaws, and moulder tool rooms
- Values are assigned to get the best posssible yields, and order data is stored in a server database for easy access on machines

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cutting list	fixed le	ength	randon	n length)	[Add back	1
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Mouldings Package

- Allows users to navigate the entire PowerCom profile catalog by name or category
- Combined with a materials catalog, your pricing and orders are put together easily and readied for production
- As orders are completed, the individual ordered items ae prepared for the ripping process
- Attributes like width, thickness, and category are recalled with the profile name for quick quoting
- Materials are added per item with cost for lumber added
- All of this detail is then sent to a spreadsheet compiled and then added to the Bill of Materials

		Weinig - ErWisio	n 1.02.9			
	 Mouldings.xlsx 					
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Quantity	150	# QTY Unit	8	1501FS, MED	Î	
Profile	1561FS_MED		10			Option
Category	Crowns		E STAR	1502F5.MED		
Width	1.562					Pould
Thickness	0.5		8.1. 500	1561FS_MED		
Species	Oak	1621				
Material Thickness	1		- 4	1621FS_MED		
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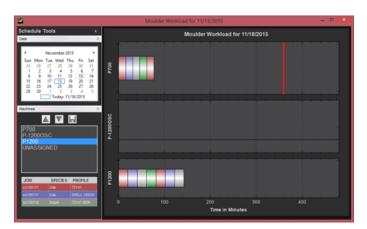


JobView (optional/modular)

JobView software presents the priority and real-time status of orders as they are processed throughout your entire facility. This allows a quick comparison of committed jobs and your moulder capacity for any day. With JobView at different workstations, an operator can easily view the jobs that are scheduled and mark the completion of each operation.

DATE	MOULDER	QTY	JOB	MATER	PROFILE	KNV	PUL	RIP	MLD	FIN	SHP
11/12/2015	P1200	80.00	cc100114	Maple	72141					-	
11/13/2015	P1200	33.00	cc100117	Oak	72141						
11/13/2015	P1200	33.00	cc100117	Oak	SHELL CROW						
11/13/2015	P1200	22.00	cc100118	Maple	72141 MOR						
11/13/2015	P1200	22.00	cc100118	Maple	P700 \$45						
11/13/2015	P700	22.00	cc100118	Maple	SHELL CROW	2					
11/13/2015	P1200	22.00	cc100118	Maple	SHELLCASE						
11/13/2015		20.00	dd100428	Maple	TOO COPE			2			
11/13/2015	P700	20.00	dd100428	Maple	72141 MOR						
11/13/2015		20.00	dd100428	Maple	SHELL CROW	2		2			
11/13/2015	P700	20.00	dd100428	Maple	SHELLCASE	2					
11/13/2015			dd100425	Bone	Bone						

- Keep track of the ordered items as they pass through each step in the process
- JobView will give you access to the items, establish a working order via the visual schedule tool...





• ...and back-tally and itemize the parts after they have been cutback for packing

#		cc10	0166 - Oak	- 1501F3	5_MED		×
cc100166	Osk	1501F8_MED					94.67
	Length	Quantity	Total		Length	Quantity	Total
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					3		0
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					5		0
					6		0
					7		0
					8	2	16
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					11		0
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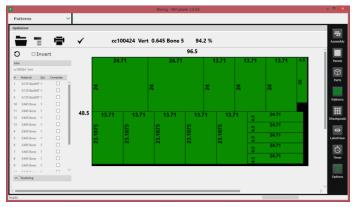


MV Labeler (optional/modular)

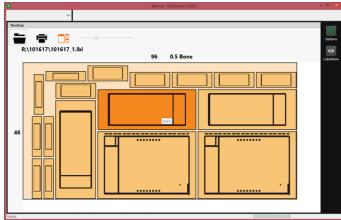
Choose the data you deem necessary on your component labels to ensure that each job is grouped correctly for quick and easy assembly and shipment to your customers. Custom design your parts, panels and assembly labels. Create your labels to easily identify your parts throughout the machining process.

- Complete Package
 - Identifies list items for printing labels on demand from centralized database
 - Included Sheetgood optimizer for optimizing parts into patterns to be manually cut and labeled on demand from a slider or vertical saw
 - Add MV Labeler to 3 additional PC's in your shop (for Windows XP or newer--PC not included—priced per seat)

MV Labeler for Sheetgood Patterns



MV Labeler for Nesting



MV Labeler for Parts

		Weinig - MVI	Labeler 2.0.0.8			- • ×
Parts	~					
Parts						
0 🗟 🗋 🖶	DXF pDXF					Assembly
Name		Length	Width	Required	Complete	
Rail Top		17-1/8	2-3/4	1	0	
FM StileLeft		32	2-3/4	1	0	Panels
FM StileLeft		32	2-3/4	1	0	100
Rail Top		17-1/8	2-3/4	1	0	Parts
Rail Top		17-1/8	2-3/4	1	0	
Rail Top		17-1/8	2-3/4	1	0	
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LabelView						- ^ =
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Ready						

EnVision Software Details

- Price Includes 1-site license and 3 office seats of EnVision Software, remote installation/upgrade of software
- On-Site installation available at cost of travel expenses of technician

Note 1:

- All software is to be purchased on a "per seat", "per site" license
- The "per site" is defined as a specific building
- The "per seat" is defined as a specific computer

Note 2:

- No hardware is included with the purchase of any of the software
- All hardware including PC's, barcode readers etc. will need to be approved prior to installation





WEINIG Quality: Machines and Systems for Solid Wood Processing

WEINIG is synonymous with technological advancement—and has been for more than 100 years. WEINIG quality allows our partners in both handcrafts and industry around the world to stand out above the competition. We deliver machines and systems that set standards in performance and economy; intelligent production concepts for optimal value creation; and customized solutions for every operation from application through parts and service.

WEINIG offers more



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