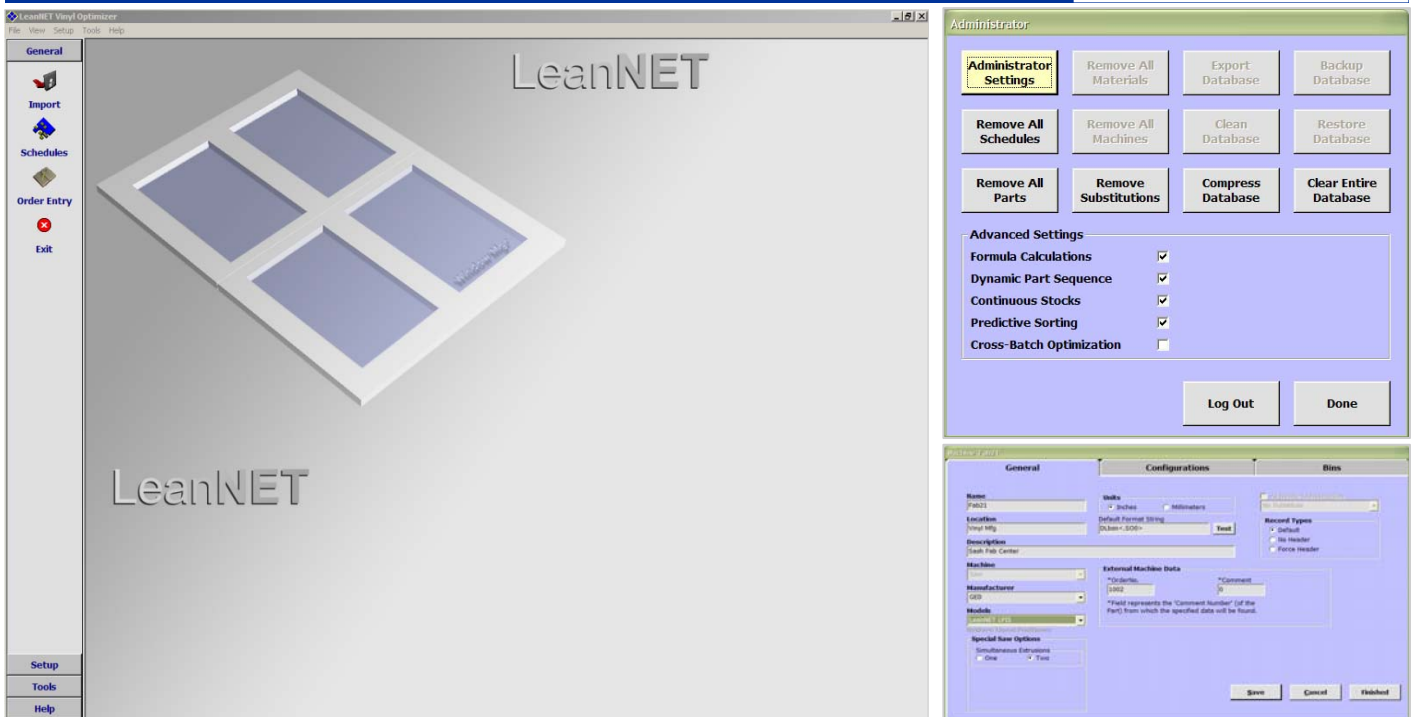


# LeanNET<sup>®</sup> Vinyl Optimizer

## The Superior Choice for Vinyl Optimization

**GED**<sup>®</sup>  
Integrated Solutions  
Software Process Systems  
by NxWare



## FEATURES

- ▶ Auto processes vinyl merge files in the background. (Import, optimize, release, distribute, print)
- ▶ Two operational modes, "Lineal Cut Lists" or "Window Models"
- ▶ "Cross Batch" and "Look Ahead Bar" optimization pulls bars from up-coming batch(es) to increase bar yield
- ▶ "Rest Bar Alert" notifies operator when a rest bar can be loaded
- ▶ "Predictive Sorting" matches the first material in next batch with the last material in the current batch

## BENEFITS

- ▶ Increases operational efficiency by removing the daily operator involvement for processing vinyl merge files
- ▶ Easy integration, lean vinyl easily adapts to customers "Cut Lists" or "Window Models"
- ▶ Increases the vinyl yield by using "Cross Batch" and "Look Ahead Bar" vinyl optimization
- ▶ Increases vinyl usage efficiency by allowing "Rest" bars to be incorporated into the production process
- ▶ Increases operator efficiency by reducing the bar load cycle time

GIVING YOU GREATER CONTROL THAN EVER BEFORE

# LeanNET® Vinyl Optimizer

Consider GED for all your needs

Parts definition includes machine routing and configuration:

Inventory Extrusion

Part Number 'RS1078HB1'

<b>Part Information</b>		<b>Type Information</b>		<b>Sub Parts</b>	
Part Number	RS1078HB1	Inventory Type	Sash		
Length	0	Raw Material Type	Vinyl		
Width	0	Inventory Subtype	Top/Bottom Rail		
Height	0	Model	N/A		
Weight	0	<b>Machine Information</b>			
Color	BEIGE	#	Machine	Configuration	Edit Sequence
Description SH VT RAIL/INTLK		1	Fab21	21_Side_1	
Display as a Sub-Part?		2	Welder02	W2-51000	
<input checked="" type="radio"/> Yes <input type="radio"/> No		<b>Material Information</b>			
		RS 1078B			
		Material	Raw Mat.	Description	
		RS 1078B	Vinyl	ROYAL BEIGE SH SASH	
		RS 1078W	Vinyl	ROYAL WHITE SH SASH	
		RS 1079B	Vinyl	Royal BEIGE Sash	
		RS 1079W	Vinyl	ROYAL WHITE SASH	
		RS 1217B	Vinyl	DH B-SASH B-RAIL/STILE	
		RS 1217W	Vinyl	DH B-SASH B-RAIL/STILE	
		RS 1218B	Vinyl	DH T-SASH STILE	
		RS 1218W	Vinyl	DH T-SASH STILE	
		RS 1221B	Vinyl	DH T-SASH T-RAIL	
		RS 1221W	Vinyl	DH T-SASH T-RAIL	
		RS 1234B	Vinyl	HS MULLION	
		RS 1234W	Vinyl	HS MULLION	
		RS 1235B	Vinyl	HS MULLION	
		Profile	10781		
		View Material			
		< Back			
		Save Undo Done			

## Optimization & Split Batch

## Machines & Configurations

<b>Optimizer Settings</b>		<b>Setup Machines</b>																																																																																																																							
<input checked="" type="radio"/> Auto <input checked="" type="radio"/> Manual Search Depth: 5 Acceptable Yield: 90% Batch Split: 1 <input checked="" type="checkbox"/> Optimization <input checked="" type="checkbox"/> Print Error Report Save Cancel	<input checked="" type="checkbox"/> Override Machine Settings Bin Width: 11 Bin Height: 9 Bin Scheme: A1, A2, A3, B1, B2, Row-Col/Batch Update Machines	<b>Available Machines</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Manufacturer</th> <th>Type</th> <th>Model</th> <th>Bin</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>ECON-SAW-1</td> <td>Skurtz</td> <td>Saw</td> <td>SMS-SO7000</td> <td>5 x 10</td> <td>ECONOMY SAW</td> </tr> <tr> <td>EC-Saw-M5</td> <td>Skurtz</td> <td>Saw</td> <td>SMS-SO7000</td> <td>5 x 10</td> <td>Skurtz Saw for Vinyl</td> </tr> <tr> <td>Frame H&amp;L ST4</td> <td>Joseph</td> <td>Saw</td> <td>CGM-QC CGM</td> <td>5 x 10</td> <td>Frame Head &amp; Stile</td> </tr> <tr> <td>Frame Jamb ST4</td> <td>Joseph</td> <td>Saw</td> <td>CGM-QC CGM</td> <td>5 x 10</td> <td>Frame Jamb</td> </tr> <tr> <td>Patio Door</td> <td>Joseph</td> <td>Saw</td> <td>CGM-QC CGM</td> <td>5 x 10</td> <td>Patio Door Frame &amp; Sash</td> </tr> <tr> <td>Passo Parts</td> <td>Joseph</td> <td>Saw</td> <td>CGM-2005</td> <td>5 x 10</td> <td>Passo Parts</td> </tr> <tr> <td>Sash Height ST4</td> <td>Joseph</td> <td>Saw</td> <td>CGM-QC CGM</td> <td>5 x 10</td> <td>Sash Height</td> </tr> <tr> <td>Sash Width ST4</td> <td>Joseph</td> <td>Saw</td> <td>CGM-QC CGM</td> <td>5 x 10</td> <td>Sash Width</td> </tr> <tr> <td>ST4-Fab-M1</td> <td>Skurtz</td> <td>Saw</td> <td>SMS-SCC-1048</td> <td>3 x 10</td> <td>FRAME FAB CENTER</td> </tr> <tr> <td>ST4-Fab-M2</td> <td>Skurtz</td> <td>Saw</td> <td>SMS-SCC-1050</td> <td>3 x 10</td> <td>SASH FAB CENTER</td> </tr> <tr> <td>ST4-Weld-M3</td> <td>Skurtz</td> <td>Welder</td> <td>SMS-HSM-3625 B05</td> <td>3 x 10</td> <td>FRAME WELDER</td> </tr> <tr> <td>ST4-Weld-M4</td> <td>Skurtz</td> <td>Welder</td> <td>SMS-HSM-3625 B05</td> <td>3 x 10</td> <td>SASH WELDER</td> </tr> </tbody> </table>	Name	Manufacturer	Type	Model	Bin	Description	ECON-SAW-1	Skurtz	Saw	SMS-SO7000	5 x 10	ECONOMY SAW	EC-Saw-M5	Skurtz	Saw	SMS-SO7000	5 x 10	Skurtz Saw for Vinyl	Frame H&L ST4	Joseph	Saw	CGM-QC CGM	5 x 10	Frame Head & Stile	Frame Jamb ST4	Joseph	Saw	CGM-QC CGM	5 x 10	Frame Jamb	Patio Door	Joseph	Saw	CGM-QC CGM	5 x 10	Patio Door Frame & Sash	Passo Parts	Joseph	Saw	CGM-2005	5 x 10	Passo Parts	Sash Height ST4	Joseph	Saw	CGM-QC CGM	5 x 10	Sash Height	Sash Width ST4	Joseph	Saw	CGM-QC CGM	5 x 10	Sash Width	ST4-Fab-M1	Skurtz	Saw	SMS-SCC-1048	3 x 10	FRAME FAB CENTER	ST4-Fab-M2	Skurtz	Saw	SMS-SCC-1050	3 x 10	SASH FAB CENTER	ST4-Weld-M3	Skurtz	Welder	SMS-HSM-3625 B05	3 x 10	FRAME WELDER	ST4-Weld-M4	Skurtz	Welder	SMS-HSM-3625 B05	3 x 10	SASH WELDER	<b>Configurations</b> <table border="1"> <thead> <tr> <th>Name</th> <th>Min</th> <th>Max</th> <th>Start</th> <th>End</th> <th>Blade</th> <th>Angle</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>Side_1_0</td> <td>12.87</td> <td>98.43</td> <td>1.7885</td> <td>3</td> <td>0.208</td> <td>45</td> <td>Side 1 No Pin</td> </tr> <tr> <td>Side_1_1.318</td> <td>12.87</td> <td>98.43</td> <td>1.7885</td> <td>3</td> <td>0.208</td> <td>45</td> <td>Side 1 - 1.318 Pin</td> </tr> <tr> <td>Side_2_0</td> <td>12.87</td> <td>98.43</td> <td>1.7885</td> <td>3</td> <td>0.208</td> <td>45</td> <td>Side 2 No Pin</td> </tr> <tr> <td>Side_2_1.318</td> <td>12.87</td> <td>98.43</td> <td>0.2</td> <td>3</td> <td>0.208</td> <td>45</td> <td>Side 2 - 1.318 Pin</td> </tr> </tbody> </table>	Name	Min	Max	Start	End	Blade	Angle	Description	Side_1_0	12.87	98.43	1.7885	3	0.208	45	Side 1 No Pin	Side_1_1.318	12.87	98.43	1.7885	3	0.208	45	Side 1 - 1.318 Pin	Side_2_0	12.87	98.43	1.7885	3	0.208	45	Side 2 No Pin	Side_2_1.318	12.87	98.43	0.2	3	0.208	45	Side 2 - 1.318 Pin
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## SPECIFICATIONS:

### LeanNET® Vinyl Optimizer:

Windows XP Pro Service Pack 2 or Higher  
1 G RAM; 320 G Hard Drive

### Database:

MSDE 2000 or  
SQL Server 2000

### Compatible Equipment:

Integrates with all popular vinyl equipment



To learn more, call 330.963.5401,  
fax 330.963.0584 or visit us at [www.gedusa.com](http://www.gedusa.com)



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Cutting

Fabrication

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Special Systems