



# S2M Center 2.2

S2M Standard  
S2M Advanced  
S2M Ultimate

## ADD-ON MODULES

Intelli-CAM	•	•	•
Block Nesting	NEST	•	•
TrueShape Nesting	TSN	TSN	TSN
NC Optimizer	AO	AO	AO
Label-IT	AO	AO	AO

## MACHINE TYPES

Nested Based Routers (Sheet and Part Processing)	NEST	•	•
CNC Part Processing Machines (Part Processing Only)	CELL	•	•
Manual Saws	CELL	•	•
NC Saws	CELL	•	•
NC Drill and Dowel Insertion			•
Automated Fence Systems (Chop Saws)			•
Other Machines (Haunching Systems)			•

## OUTPUT TYPES

Pure G-Code Custom Tailored for your Machine	•	•	•
DXF	•	•	•
Extended ASCII	•	•	•
CPOUT	CELL	•	•
PTX	CELL	•	•
Many Other Proprietary File Types	CELL	•	•
Planit NC File (.PNC)		•	•

## INPUT TYPES

Custom Layered DXF's	•	•	•
Single DXF Import	•	•	•
Direct from Cabinet Vision Solid	•	•	•
Direct from Cabnetworks	•	•	•
Import Planit NC File (.PNC)		•	•
Open Planit NC File (.PNC)		•	•
User Defined DXF Layer Schedules		•	•
Batch Process DXF's		•	•

## FEATURES

Automatic Tooling and Toolpath Generation	•	•	•
Ability to Control Lead-In/Out Offsets	•	•	•
Manually Add Parts	•	•	•
Manually Select Parts	•	•	•
Pocketing of Rectangles and Circles	•	•	•
Combine Operations on Part Edge with Part Outline	•	•	•
Specify Output Directories	•	•	•
Check Sheet Sizes to Fit Machine	•	•	•
Linked Part Outline (Bridge) Nesting	•	•	•
Intelligent Small Part Handling (Tabs, Onionskins, Return Onionskins)	•	•	•
Pattern Diagram Print Outs	•	•	•
Integrated Label Reports (Customizable via Crystal Reports)	•	•	•
Integrated Reporting (Customizable via Crystal Reports)	•	•	•
Display All Machning	•	•	•
Basic Toolpath Simulation	•	•	•
Posts/Links to ALL Major CNC Machines	•	•	•
Simultaneous Code Generation & Output for Mutple Machine Types	CELL	•	•
Multiple Machine Selection	CELL	•	•
Export Real Time Label Info to NC Saws	AO	AO	AO
Add Parts to the Nest		•	•
Drag and Drop Nest Parts		•	•
Manually Rotate a Part in A Nest		•	•
Cut, Copy, & Paste Parts in a Nest		•	•
Move Parts in a Nest		•	•
Save Current Part List		•	•
Import Multiple Part Lists to Batch Jobs		•	•



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	S2M Standard	S2M Advanced	S2M Ultimate
Specify Outline Tools Per Material		•	•
Nest By Cabinet Order		•	•
Cabinet, Part, Material Filtering		•	•
Labels For Board Nest Machine Label Systems		•	•
Create and Modify Toolsets		•	•
Advanced Tool Set Logic		•	•
2D Bar Code Labeling (Through Label-IT)		•	•
Pocketing for MDF Slats & Shaker Doors		•	•
Enable Labels for Saw Off-Cuts in Label-IT		•	•
Optimization Off-Fall Tracking		•	•
Part Library		•	•
Re-Nest / Add Parts from Library to Existing Nested Sheet(s)		•	•
Automatic Point-to-Point Runfield Control		•	•
Automatic Point-to-Point Mirroring		•	•
Square Up Off-Cuts in Nest			NBM
Nesting Off-Fall Tracking			NBM
Enable Labels for Nest Off-Cuts in Label-IT			NBM
Multiple Sheet Size Definition for a Single Material			•
Automatically Use Larger Sheet Sizes for Oversized Parts			•
Control Feeds and Speeds of Tools by Material			•
Control Maximum Depth Per Pass of Tools by Material			•
Advanced Toolpath Simulation			AC
Use Intelli-CAM Tools within Alphacam			AC
Full Modification Capability of Intelli-CAM Toolpaths			AC
Save Alphacam Operations to the Part Library			AC
<b>Additional Features</b>			
Change Machine Link	•	•	•
Saw Tool	•	•	•
Shaped Router		•	•
Label-IT Setup	AO	AO	AO
Show Label Position on Nested/Optimized Sheet	AO	AO	AO
Allow user to control the order of operations		•	•
Send optimized sheet to drawing		•	•
Advanced Tool Options in AlphaCAD		•	•
Open Job In S2M Ultimate		•	•
Copy Part in Part List		•	•
Create and Modify Toolsets		•	•
Dovetail Toolset		•	•
Modify Material Properties After Optimization		•	•
Re-Optimize a Single Material		•	•
Optimize Gang Drill Operations		•	•
Cost and Time Report		OPT	OPT
Output Native AlphaCAM Operation Cluster			•
Grain Matching		AO	•
Label Images	AO	AO	AO
Optimize	CELL	OPT	OPT
Nest	NEST	NBM	NBM
Network Version	•	•	•
CNC Output	•	•	•
ABC Axis Rotation			•
Ball Router			•
Bullnose Router			•
Import AlphaCAM Tools			•

<b>AC = With Alphacam Advanced Router</b>
<b>AO = Add-On</b>
<b>CELL = With the Cell Based Manufacturing Solution</b>
<b>INC = Included</b>
<b>NBM = With Nesting Added</b>
<b>NEST = With the Nested Based Manufacturing Solution</b>
<b>OPT = With Optimization Added</b>