StyleCAD™

Features Comparison Chart

Title	V9	V10	V11 Enhancements	Youtube Link
Unicode	Can not mix languages	Unicode	Unicode: Can use multiple languages simultaneously	
Premium Automarker	No	No	Yes: 1-1.5% better than Plus version, 1.5-3% better than standard version	
2D/3D Interface	No	No	Yes. Full integration with Vstitcher V8.0	https://www.youtube.com/watch?v=aSPMp7_DDNs&t=5s
UHD display support	No	No	GUI Font style/Size setting, Large toolbar, Large Pattern Label, Grid Scale, Large QuickStep fonts.	
PDS Tools				
P-Dart Rotation Control - Control Section/Dart tool	No	No	If CCW side of the T-Section is clicked, only the CCW side is rotated to create the dart. CW side click results in CCW side being rotated.	
Trace tool - Partial Curve tracing	No	No	Right click anywhere on a curve to partially trace up to the clicked position	
Pleat tools work on Seamed Patterns also	No	Only Internal line selection method is supported	2 Section selection method is supported also.	
Folding Pleats work on Seamed Patterns also	No	Folding pleat supported for patterns without seam allowance	Both Knife pleat and Box Pleat tool	
Manual Seam Corner Feature	No	No	Seam corner shape can be manually touched up without Seam/Sew Separation.	https://www.youtube.com/watch?v=fBd9Zdkzyts&t=1s

Number Tag manual seam corner	No	No	Number tag shape added to the seam allowance for the label gun. Overlock machines discards the number tags during sewing	https://youtu.be/Tyc6FDXSCy8
Double Fold Seam with 2 different seam allowance amounts	No	No	e.g. DF2,1 creates 2 inch seam + 1 inch seam for the double folding seam allowance.	
Double Fold Seam can be applied to curved sections	No	The double seam edge shape is as if the section was straight.	Yes	
90 Deg Seam Corner Length QuickStep	No	No	e.g. 90,0.5 quickStep entry option makes a 90 deg seam corner shape that is 0.5 inch from the corner.	
Round Seam Corner	No	No	Yes, round corner and round step up/down transition between 2 different seam widths.	
45 Deg Seam Edge can be custom set to 20 - 170 deg.	No	No	Yes. Seam Property window	
BBP - Bezier blending and keep notch + points BBD for blending with a copy	No	Only BBN is supported	Both BBN and BBP supported. BBD also.	https://youtu.be/ZpK1QyElHK8
BS, BBS, BB1S blending with symmetry curve	No	No	Blended section is mirrored and updated automatically	https://youtu.be/ZpK1QyElHK8
Visual Control +Up/Down/Left/Right Section flip. Control+Shift Arrow to flip sections without grading data flip	No	No	Option Set in Preference window.	
Curve Blending Tool - TAB key to limit blending area	No	No	Yes	https://www.youtube.com/watch?v=kC0gIcEgHNA&t=115s
Curve Blending Tool - B quickStep - automatically adds curve points at 2 ends and center to save time.	No	No	Yes	https://www.youtube.com/watch?v=kC0gIcEgHNA&t=115s
Curve/Block/Section Blending - F7 shows WIDTH and HEIGHT of the section being blended.	No	No	Yes.	

Curve/Block/Section Blending - [Accurate Length Entry]	No	No	Yes. The curve is automatically adjusted	
Block Blending tool - graded patterns maintain grading after blending	No	No	Yes	
Dart Close and Blending with CC quickStep	No	No	Yes. Also TAB key controls the pivot points.	https://www.youtube.com/watch?v=Av-R66cwBWk
Dart Transfer Amount Quick Step	No	No	Yes. Enter the dart transfer amount in inch or cm	https://www.youtube.com/watch?v=incNpRNXWLA
TAB key to define BB blending area	No	No	Yes.	https://www.youtube.com/watch?v=hXE-Gc9EnMA
TAB anchor can be place at any arbitrary location on curves	No	No	Yes. TAB anchors can also be dragged to reposition them.	https://www.youtube.com/watch?v=hXE-Gc9EnMA
Pleat tool with curved pleat guilde lines	No	No	Yes.	
Point Tool - C QuickStep to Maintain Curve Shape.	No	Yes	Yes. CN for notch setting also.	https://www.youtube.com/watch?v=alQZWrbTBOg
Distance Adjust Tool - Join 2 pattern while maintaining the total area dimension	No	Yes	Yes	https://www.youtube.com/watch?v=zolFUfRjyIQ
Segment Length tool - A quickStep to anchor both end points	No	No	Yes	
Segment Length tool - length entry quickStep and +/-length entry.	No	Yes	e.g. +1 lengthens the section by 1. QS number entry without + or - define the desired length of the section	
Scale Tool - Shrinkage entry.	No	No	e.g. "5%" quickStep means 100/(100-5) = 105.263% scale factor.	
Join tool - [Keep Position] option	No	No	The pattern are not joined but kept touching each other and rotated.	

Cut Stretch/Shrink tool - works on multiple patterns and with seam allowance	No	No	Yes	
Flip Tool - F quickStep and drag between 2 points to fold to match those 2 points.	No	No	Yes. The fold reference line is defined by the orthogonal line going through the center of the dragged line.	
Flip Tool - during DD (temporary Flip and editing mode), [Add Point] menu is available to add additional curve points.	No	No	Yes	
Pivot Tool - if guidelines are there where the pivot was applied, the pivot can be closed.	No	No	Select the pivot guidelines and then left click the first or the last guideline to close.	
Facing tool - Rectangular Binding. The binding can be created from mid-section.	No	No	Use the TAB key to designate the binding start position.	
Dart Fill tool is now Dart Tool - It supports V dart and P dart quickSteps.	No	No	Yes.	
Bezier Polyline tool - CG (convert to grain lin) and CF (convert to fabric line) quickSteps	No	No	Yes. Temporary shape are automatically converted to real pattern.	
Extend/Trim Line tool - En.n QS method creates an internal line that projects the selected outline.	No	No	Yes.	
Pattern Spec - +,-,*n quickSteps allow deriving new specs based on other spec measurement.	No	No	Yes	
Parallel Line tool - DnE quickstep creates n-1 dividing line between 2 sections and joins the endpoints	No	No	Yes	
Convert to Seam (- Seam) tool improved. Support edge shape quickSteps (F, O, 90, E)	No	No	F for Fold edge, O or 90 for 90 deg edge, E for extension shape. E.g. 0.5F,E - fold edge at the start and extension edge at the end.	

Cut Flag tool - [Add Lift/Plunge Point] and [Remove Lift/Plunge Point].	No	No	Cut file generated with knife up and knife down command at the Lift/Plunge point.	
Pattern Annotation tool - [Size Name] option - displays the correct size name in OM, PM plots and Marker Plots	No	No	Useful when size name should be printed/plotted for graded outline for each size.	
Pattern Notation menu - [Scale Notation]	No	No	Yes	
Back Notch type - N5 quickStep	No	No	Yes	
Pattern Waling Tool - [Facing each other] option on the dialog	No	No	Allows flipping the walking pattern during the tool use.	
Grading Tools				
2 - dimensional grading	No	No	Allows 2 size lists. E.G. 28,30,32,34,36,38 and Short, Reg, Long, X-Long. Suits and pants.	https://www.youtube.com/watch?v=H_lDQGHeG0A
The default Grading tool has a tool icon.	No	No	Also, has a help video for the tool.	
Grading Delta QS entry	No	No	Yes. E.g. 1/2 for X only, ",1/4" for Y only, "1/2,1/4" for both X,Y	
Line Up Grading tool - Alt key matches corners	No	No	Alt key and drag from 1 side to the other side of 2 matching sides.	https://www.youtube.com/watch?v=6glaD-vrios
Automatic Symmetrical Grading after Unfold and Keep	No	No	Yes.	
Perimeter Grading Too - Ratio QS entry	No	No	e.g. 1.5 for 150% scaling of the grading increment value. Type the ratio then left click the section end point to apply	
Perimeter Grading Tool - DH or DV quickStep for distance grading based on delta or delta Y increment only	No	D quickStep supported	Yes, D, DH, DV supported.	
Perimeter Grading Tool - D quickStep support copying grading increment data with Control-C	No	No	Yes	

L QuickStep with the default tool shows a line connecting all the sizes	No	No	Yes	
B1, B2, B3, NB quickStep to set grade blending type	No	Yes	Yes	
ALT + click with NB quickStep to maintain Grade Blending	No	No	Yes	Youtube link coming.
Grading quick Steps for apply Factors or Offset.	No	No	*.5 - multiply delta x, y by 0.5 *.5,2 - multiply delta x by 0.5 and delta y by 2 *,.5 - multiple delta y by 05 /2 - divide delta x, y by 2 /2,3 - divide delta x by 2 and delta y by 3 ++.2 - add .2 to delta x and y ++,.4 - add .4 to delta y ++.5,-.5 add .5 to X and subtract .5 from Y --1 - subtract 1 from both delta x, y --1,2 - subtract 1 from delta x, and add 2 to delta Y --,-1 - subtract 1 from delta y	
Drag Grading tool - works on pattern annotations	No	No	Yes	
Misc for PDS/Grading				
DELETE STYLE in Open Style window	No	No	Yes.	
Copy Selected Patterns in Revert Style	No	No	Yes. Patterns can be selected and then copied to the current style from the backed up file or the revert style file	
Control-D for Original 2, Control-E for Original 3	No	No	Yes.	
Close Style menu	No	No	Yes. Closes open style and leaves the window empty. Useful for importing external files.	
Export DXF - Selected Pattern Only	No	No	Yes.	
Separate Page Print for each Marker Group	No	No	Yes.	

Internal Property - [Apply to all Internal lines] and [Apply to all Patterns]	No	No	The same setting is copied to all internal line and optionally all patterns also.	
Control-P shows Perimeter Measurement window [/2] button divides the previous measurement	No	[/2] supported.	Yes.	
Perimeter Measurement window - Copy measurement to Clipboard	No	No	Yes. Measurement(s) can be pasted to EXCEL, Word, Text file etc.	
Pattern Info tool - P, or S quickStep for Pair or Single setting.	No	No	Yes	
Program Configuration - txt file folder. Multiple users can share the same setting with a shared network folder.	No	No	Yes. SCAD_Global_Configuration, MG List, Annotation List, DXF Layer table, Maker Export Templates etc are shared on the network.	
Thicker Line Display	No	No	Yes	
Control Q brings up Pattern Property window.	No	No	Yes	
Pattern Property - Shrinkage Percentage can be set in PDS.	No	No	Yes. This setting overrides Marker Order setting.	
Pattern Property Window and Browse Pattern Properties shows pattern preview window	No	No	Yes.	
Browse Pattern Properties - [Append Suffix to Pattern Name]	No	No	Appends same suffix to all pattern names	
File Save Options - Level on Grain Line and Unflip Patterns During Save	No	No	Yes	
Guide Line display On/Off button	No	No	guidelines can be turn on/off temporarily	
Set Notch Color	No	No	The user can define a custom color setting for display notch lines.	
Style Mager Group Alias - Up/Down arrow button to change the MG list order.	No	No	Yes	

Enable Pattern/Disable All Others	No	No	Yes. Page Up/Down cycles through the overlapping patterns.	
Convert to Separated Sewing Line (Save As Original) command	No	No	Internal Line Menu. Custom Seam Corner shapes are kept in tact after conversion.	
Convert to Sewing Line - works on disconnected seam allowance area.	No	No	The tool is much more robust in V11.	
Fold Matching 2 Points	No	No	Use TAB key to select the 2 matching points and then Fold->Fold Matching 2 Points. The side you right click is the stationary side.	
Reduce Points (Pattern->Maintenance menu) - supports pattern with seam allowance	No	No	Yes.	
END key + partial polyline selection -> complete polyline selection. Shift+END key + partial selection -> Complete selection remove	No	No	Yes	
Recent File List is remembered and maintained even when PDS/Grading program restarts.	No	No	Yes	
Control + Shift C/V feature for copy/paste patterns between PDS windows. - optionally copy size list	No	No	Yes. if the other PDS window is empty	
Internal Line T-Notches - [One Side] option and [Reverse] option	No	No	[One Size] shows the notch only on one side of the internal line. [Reverse] flips the notch to the other side.	
File Conversion				
Drag and Drop into PDS screen supported for all imports	No	No	DXF, ZIP, TMP, MDL, PDS, DSN are supported.	
Gerber import - Zip file with Multiple Models	No	No	Yes. Model selection is allowed.	
Gerber import support for Gerber V9, V10 Gerber model files	No	No	Yes	

Gerber Import From Piece File	No	No	The user must first select the data folder where the Gerber files are located. Gerber version 9 and above is supported also.	
Gerber Import/Export of Annotation with Rotation	No	Yes	Yes	
Gerber Import - [Handle Multiple Size List] option	No	No	supports a Gerber Zip containing patterns with different size lists. The user selects the size list to import. Only the patterns with matching size list are imported.	
Gerber Export Zip - [Swap Seam/Sew Lines] option	No	No	Yes	
Gerber Export - Flip direction setting - X, Y, Y or Copy Pattern Property Setting.	No	No	Yes. DX, DY setting in Pattern Property is used if [Copy Pattern Property] option is chosen.	
Gerber import/export - [Apply Gerber Origin Position] option	No	No	Patterns appear at same location as in Gerber display. Exports the pattern position in StyleCAD display to Gerber.	
DXF Import - nested BLOCK references supported	No	No	Yes	
DXF import - internal line property can be set	No	No	Yes	
AutoCAD DXF import - [Import as Temp Shape] supports complex design graphics involving tens of thousands polylines.	No	No	Yes.	
Marker Cut File Import - Scale Factor can be set	No	No	Yes	
Optitex PDS/DSN import - Sve Seam as Original & internal line property options	No	No	Yes	
Optitex DSN Export - [Export Seam Data] and [Export Annotation] options	No	No	Yes	

Lectra MDL import - [Place imported pattern in Separate Area] option	No	No	In case there are patterns in the style file before importing, the newly imported patterns are placed in a separate area from the existing pattern.
DXF export - Custom Layer assignment Setup window	No	No	Yes. Both Style file DXF export and Marker DXF export supports custom layer assignment.
DXF export - [Reduce Points] option. Tolerance setting	Always performed	Always Performed	User chooses. Tolerance is adjustable.
DXF export (Illustrator CS 2/3) format - Drill Holes made to appear more clearly in Illustrator	No	No	Yes
Copy Metafile to Illustrator - [Sizes in Color], [Actual Notch Shape], [Notch as Part of Outline]	No	No	These new options make the pattern shape in Illustrator must easier to work with.
Export Pattern Chart to XML file	No	No	Yes.
Optitex PDS/DSN Import - [Import Tack Lines] option	No	No	Yes. Track lines are similar to Original Pattern in StyleCAD.
Marking Tools			
Unlimited number of Marker Groups (materials) for a style and markers.	Up to 100 Marker groups supported	Up to 100 Marker groups supported	Unlimited Marker Groups are supported.
Multiple Markers for each Fabric (marker group)	No	New Multiple Marker feature only. Must use Open Marker Direct	New Marker feature allows multiple markers per SELF, Fusing, Lining etc. Open Marker opens them all and allows cycling through all the markers.
New Merged Marker - [Include Primary Style Name] option	No	No	If used, allowed the merged marker to appear in the marker list of the primary style file. Otherwise, Open Marker Direct must be used to access the marker
Max Number of Styles in Merged Markers increased to 30 from 10	No	Up to 10 styles	Up to 30 styles.
New Marker From DXF	No	No	directly import DXF/RUL file in order to create markers.

Many New Quick Steps for Hanging, Lowering, Placing at Marker Center, Center Aligning, 90 Deg Rotation, Panning etc.	No	No	Yes.	https://www.youtube.com/watch?v=f2bLbQbnT4E
[Delete Marker] in Open Marker Window	No	No	Yes. No need to go to Delete Marker menu.	
[Numeric Bundle Code]	No	no	Yes	
Open Marker Direct window - supports style/marker files to be dragged/dropped on the window	No	No	The dropped style or marker file is moved to the current folder in the Open Marker Direct window	
Perimeter Measurement Tool	NO	No	Yes	
Mini Marker Print - Continuous Marker option	NO	No	Continuous Marker does not wrap marker print around into multiple rows.	
Mini Marker Print - Separate Page for each Section	NO	No	Sectional markers with EOM border	
Marker Print - Landscape selection in the print option window	NO	No	Yes. No need to go to Print Setup window.	
Marker Print - yield/ratio data for up to 10 styles per marker	NO	No	Yes	
Marker Print - Life Size Mosaid Print format	NO	No	Yes. Letter/A4 size paper can be used to print markers.	
Import Lectra PLX marker with 3 MDL styles	NO	No	Yes	
Shrinkage Percentage not applied to Seam allowance	NO	No	Optional	
negative shrinkage entry e.g. -3 defines the shrinkage	NO	No	Yes. -3 = 100 / (100 - 3) = 103.1% scale factor	
Rotate Patterns by Entered Amount	NO	No	Enter angle and apply to multiple pattern based on name, size, side, bundle etc.	
Irregular Stripes Center on the Marker	NO	No	Yes	
Different Qty, Single/Pair Setting per Marker Group (material)	No	No	Yes. Right click on the MG2, 3, 4 and enter new Qty/Pair settings.	https://www.youtube.com/watch?v=99kYtidKjiw

[Arrange Same as Selected Bundle] command handles copying arrangement to fusible blocks for other bundles	No	No	Yes.	
[Custom Bundle Code] feature in New Marker, New Mult Markers, New Merged Marker.	No	No	Starting Bundle code can be defined by user for each size	
Modify End of Marker (EOM) Gap.	No	No	Yes. The marker is shifted to accommodate the new gap amount.	
Place Stacked tool - different patterns can be stacked. Multiple stacking options	No	No	Different patterns Align on First Point or mirror point if both are mirror pattern. Mirror point closer to the cursor is used.	
Pattern menu - [Copy Pattern to Other Marker Group]	Only to Fusing Block Marker	Only to Fusing Block Marker Group	Any marker group can be selected. If marker for the selected material does not exist. It is created.	
Export Markers/Styles to Zip	No	No	Yes. exports all selected markers and all style files used in the markers into a single zip file.	
View->>Show Modified Patterns	No	No	Any pattern in the marker that has been modified in the style file since marker was created are highlighted in red.	
Replace Bundle with Other Size	No	No	Pattern menu - replaces all the patterns in the same bundle with another size.	
Status bar shows Total Ratio Count in front of the size ratio	No	No	Yes	
Shake Pieces - [Selected only] option + Pattern Gap feature applied	No	No	Yes	
[Disable Selected Patterns] prevents patterns from accidental move	No	No	Pattern Popup menu.	
Replace Pattern operation is undoable	No	No	Yes	

[Show Overlap Area] command tells the total number of overlap area and each area is labeled with number	No	No	Yes. Helps with easy identification especially when the overlapping is very small	
Automatic Delete of Snapshot Files	No	No	If option is set, snapshot file confirmation is not asked. Snapshots are automatically deleted.	
[Stripe/Plaid Fabric Yield computation up to the next interval] option shows thick red line at the effective fabric	No	No	Yes.	
Number Tag Function	No	No	Yes.	https://youtu.be/Tyc6FDXSCy8

Automarker Tools				
Automatic Fusible Block Creation and Automarking the Fusible Block member patterns	No	Yes	Yes.	https://www.youtube.com/watch?v=nxWOuEk513o
Nesting Small piece inside holes inside larger patterns	No	No	Premium Version only	https://www.youtube.com/watch?v=s39rdFBxCds
OM icon	No	No	Sends plot job to the running Output Manager. If output manager is not running, it starts automatically.	
Automarking with regular Splice line insertion	No	No	Yes, the regular interval and the overlap margin amount controls the number of splice locations and the efficiency of the marker. Premium Version Only	https://www.youtube.com/watch?v=6Z49qsk7_5M
Custom Grouping in both Vertical/Horizontal Sectional	No	Yes, Plus version only	Yes, Plus and Premium versions	https://www.youtube.com/watch?v=fM4y-nDGAlg
Folded Fabric and Tubular automarking	No	Plus version	Yes, Plus and Premium versions	

Open Marker Direct - Multiple Maker Selection possible	only 1 at a time	Only 1 at a time	Multiple selection using Control or Shift key method. {Apply Same Options] button uses the same automarking options to the remaining markers.	
[Shaker] button	No	No	Useful after Replace Pattern. For small overlapping, Shaker feature removes all overlaps while maintaining general marker arrangement. Premium Lite version only	https://www.youtube.com/watch?v=3-NfvYsbwWA&feature=em-uploademail
[Auto Sequence] feature	No	No	For Custom Grouping option, it automatically assigns group number to each row in sequential manner.	
Marking program - [Submit Automarking] Multiple Servers supported. Automarking Server selection window.	No	No	The window also displays the jobs queued on the selected AM server and this can help the user decide which AM server to submit to.	
New Marker From Marker Order Text File feature.	No	No	Support a Cut Planning system called IntelloBuy. However, this new feature can easily be expanded to support other formats by other cut planning software.	
Output Manager				
Cutting Sequence number can be plotted on each pattern	No	No	Yes	
Marker Plot Annotation - [Total Perimeter]	No	No	The sum of perimeter distance of all patterns can be plotted in marker annotation.	
Marker Pattern Plot Label - Single/Pair information can be plotted.	No	No	Yes	
Marker Pattern Plot Label - Last Modified Date for the pattern can be plotted	No	No	Yes	
[No Notch on Sewing Line] disables notch plotting on sewing line.	No	No	Yes	
Cutting Manager				

Custom Cut Sequence in PDS	No	No	Multiple Cut sequences possible for each pattern. Multiple Cut starts and stop points.	
View->Show Points in Cut File	No	No	Point locations are shown when cut file is displayed.	
Cut Flag tool - [Add Lift/Plunge Point] and [Remove Lift/Plunge Point].	No	No	Cut file generated with knife up and knife down command at the Lift/Plunge point.	
Pattern Plot Manager				
Print/Print Preview/Printer Setup supported	No	No	Life Scale Printing. Use PDF writer to generate PDF file with Custom Postscript Width/Height page size. For HP designjet, install PCL driver and print directly to the printer.	
[No Notch on Sewing Line] disables notch plotting on sewing line.	No	No	Yes	
Excel Export				
Pattern Chart export - Unfold Mirror Pattern option	No	No	Yes.	
Pattern Sub Area Chart - Area Data only report include sub area shapes	No	No	Yes.	
Sectional fabric Yield Report in Excel.	No	No	Yes.	
Browse Pattern Properties EXCEL report include pattern images	No	No	Yes.	
Style Manager				
Costing Marker has built-in Automarking Feature	No	Yes, Works only with Costing AM server	Works either with Costing AM Server or Independently	https://www.youtube.com/watch?v=riWaeM3UsGI&t=1s
Style Manager window is resizable	No	No	Yes	