

	New/Improved feature in V5.5
●	Included feature
○	Optional feature

Capabilities	Reference	Junior V5	Junior V5.5	MBX V5	MBX V5.5
<b>General</b>	Basic Procedures				
All-in-one application (Gallery/Edit/Digitize)				●	●
New platform/new style interface		●	●	●	●
Automatic Update		●	●	●	●
Trial Software (30 days)				●	●
Support for 4k Ultra HD monitors			●		●
<b>Basics</b>	Basic Procedures				
Show/hide toolbars	Showing or hiding toolbars	●	●	●	●
Multiple undos/redos	Undoing and redoing commands	●	●	●	●
Create new designs	Creating new designs	●	●	●	●
Display hoops	Displaying the hoop	●	●	●	●
Display grids and guides	Displaying the grid	●	●	●	●
Display Hoop Templates			●		●
Display measurements	Measuring distances on screen	●	●	●	●
Save designs	Saving designs	●	●	●	●
Read and Write designs in .EMB format	Saving designs	●	●	●	●
Read .ART format	Saving designs	●	●	●	●
<b>Viewing Designs</b>	Viewing Designs				
View the whole design	Viewing the whole design	●	●	●	●
Zoom and pan	Zooming and panning designs	●	●	●	●
Show design in Overview Window	Working with the Overview Window			●	●
Visualize design stitchout	Viewing designs in Vizualizer	●	●	●	●
Show design needle points and connectors	Viewing needle points			●	●
Show/hide selected objects	Viewing selected parts of a design	●	●	●	●
Show objects by color	Viewing design objects by color	●	●	●	●
Travel through design by stitches/color	Traveling through the stitching sequence in EasyDesign			●	●
Show stitch sequence	Redrawing the stitching sequence slowly	●	●	●	●
View design information	Viewing design information	●	●	●	●
Preview design printout	Previewing design printouts	●	●	●	●
Viewing and hiding images	Viewing and hiding images	●	●	●	●
Viewing and hiding stitches		●	●	●	●
View hooping sequence		●	●	●	●
Preview hooping sequence (in Design mode)					●
Design Tabs	Saving designs			●	●
New Slow Redraw with True View - Stitch Player	Saving designs	●	●	●	●
<b>Selecting Objects</b>	Selecting Objects				

Capabilities	Reference	Junior V5	Junior V5.5	MBX V5	MBX V5.5
Select all objects in a design	Selecting all objects in a design	•	•	•	•
Select individual objects	Selecting objects by point and click	•	•	•	•
Select groups of objects	Selecting objects with Polygon Select	•	•	•	•
Select objects while 'traveling'	Selecting objects while traveling through a design			•	•
Select objects by color	Selecting colors while traveling through a design	•	•	•	•
Select objects with Resequence dialog	Selecting and viewing objects with the Resequence dialog	•	•	•	•
<b>Grids and Hoops</b>	<b>Grids and Hoops</b>				
Set grid spacing	Setting grid spacing	•	•	•	•
Change hoops	Changing hoops	•	•	•	•
Center hoops	Centering hoops	•	•	•	•
Rotate hoops	Rotating hoops	•	•	•	•
Define custom hoops	Defining custom hoops			•	•
Send designs with an MA Hoop	Sending designs with an MA Hoop	•	•	•	•
Change backgrounds	Changing backgrounds	•	•	•	•
Send designs with Giga hoop		•	•	•	•
Layout (up to 3m x 3m)		•	•	•	•
<b>Digitizing Methods</b>	<b>Manual Digitizing</b>				
Digitize run lines	Digitizing lines			•	•
Digitize columns and borders	Digitizing columns of fixed width			•	•
Digitize columns of varying width	Digitizing columns of varying width			•	•
Digitize stem stitch lines				•	•
Digitize candlewicking lines				•	•
Digitize hand quilt stitch lines				•	•
Digitize complex shapes with fixed stitch angles	Digitizing complex shapes with fixed stitch angles			•	•
Digitize complex shape closed outlines				•	•
Digitize circle/oval	Digitizing circles			•	•
Digitize squares and rectangles	Digitizing squares and rectangles			•	•
Freehand run lines	Digitizing lines			•	•
Freehand columns and borders	Digitizing columns of fixed width			•	•
Freehand stem stitch lines				•	•
Freehand candlewicking lines				•	•
Freehand hand quilt stitch lines				•	•
Freehand complex shape closed outlines				•	•
Freehand complex shapes with fixed stitch angles	Digitizing complex shapes with fixed stitch angles			•	•
Digitize Cutwork				•	•
Selectable Outlines or fills for all digitizing methods				•	•
<b>Stitch Types</b>	<b>Fill Stitches</b>				
Satin fills	Creating Satin fills	•	•	•	•
Tatami fills (limited to 5 for DigitizerJr)(Weave)	Creating Weave fills	•	•	• 44	• 44
Embossed fills (limited to 5 for DigitizerJr)	Creating Embossed fills	•	•	• 105	• 105

Capabilities	Reference	Junior V5	Junior V5.5	MBX V5	MBX V5.5
Elastic Embossed fills					● 105
Ripple fills				●	●
Contour fills				●	●
Cross stitch				●	●
Cross stitch as a fill				●	●
Stipple fills				●	●
Contour Tatami Stitching (block digitizing)				●	●
Single Run		●	●	●	●
Triple Run		●	●	●	●
Sculpture Run				●	●
Motif Run				●	●
Stemstitch				●	●
Backstitch				●	●
Zig-zag				●	●
Satin Line		●	●	●	●
3D Satin Line				●	●
Satin Line with Elastic Embossing					●
Calligraphy Stitching (zz-satin-3D satin)(Satin ONLY for Digitizer Jr) Outlines		●	●	●	●
<b>Embroidery Stamps and Motifs</b>	Embroidery Stamps and Motifs				
Insert embroidery stamps	Selecting and inserting stamps			●	●
Rotate, flip and scale stamps	Rotating, flipping and scaling stamps			●	●
Scale stamps to an exact size	Scaling stamps to an exact size			●	●
Create motif runs	Creating motif runs			●	●
Create motif fills	Creating motif fills			●	●
Motif fill 3D Warp				●	●
Create Alternating Motif fills					●
Create motifs				●	●
Auto-layout (corners, circle, center)(circle not in DigitizerJr)		●	●	●	●
More Motif fill stitching				●	●
Embossed Stamps				●	●
<b>Thread Colors</b>	Thread Colors				
Select new current color	Selecting a new current color			●	●
Recolor selected objects	Recoloring selected objects	●	●	●	●
Recolor designs		●	●	●	●
Insert manual color changes	Inserting manual color changes			●	●
Set up thread charts	Setting up thread charts	●	●	●	●
Select Color from My Threads	Setting up thread charts	●	●	●	●
Improved easier Design recloring	Setting up thread charts	●	●	●	●
<b>Digitizing with Backdrops</b>	Digitizing with Artwork				
Insert bitmap and vector images (vector images for MBX ONLY)	Inserting images	●	●	●	●

Capabilities	Reference	Junior V5	Junior V5.5	MBX V5	MBX V5.5
Scan artwork	Scanning bitmap images	•	•	•	•
Copy and paste images	Copying and pasting images	•	•	•	•
Crop images for digitizing	Cropping images for digitizing			•	•
Reshape cropped images	Reshaping cropped images			•	•
Edit bitmap images in Corel PHOTO-PAINT Essentials 6	Editing images in graphics applications			•	
Edit bitmap images in Corel PHOTO-PAINT SE					•
Prepare images	Preparing images			•	•
Add/Edit Predefined garments				•	•
<b>Automatic Digitizing</b>	<b>Automatic Digitizing</b>				
Match palette colors to an image	Matching palette colors to an image	•	•	•	•
Digitize fills with Click-to-Fill (with and without holes)	Digitizing fills with Click-to-Stitch	•	•	•	•
Digitize fills with Click-to-Turning Fill				•	•
Digitize lines with Click-to-Outline				•	•
Digitize lines with Click-to-Centreline	Digitizing outlines with Click-to-Stitch	•	•	•	•
Digitize images automatically with Click-to-Design	Digitizing images automatically with Click-to-Design	•	•	•	•
Digitize photographs automatically with Color Photostitch					•
Digitize vector images automatically				•	•
Create vectors from embroidery automatically				•	•
Create embroidery from photographs	Creating embroidery from photographs			•	•
Digitize whole of design outlines				•	•
<b>Modifying Designs</b>	<b>Modifying Designs</b>				
Copy and paste objects	Copying and pasting objects	•	•	•	•
Duplicate objects - with/without offsets	Duplicating objects	•	•	•	•
Delete objects	Deleting objects	•	•	•	•
Nest objects	Nesting objects			•	•
Combine designs	Inserting designs	•	•	•	•
Split combined designs on stitches (Multi-hooping)				•	•
Automatic Multi-hooping					•
Split objects with Knife Tool (including runs)				•	•
Resequence embroidery objects (by color only in DigitizerJr)	Resequencing embroidery objects	•	•	•	•
Position and align objects	Positioning and aligning objects			•	•
Lock, unlock, hide, unhide, group and ungroup objects	Locking and grouping objects	•	•	•	•
Scale objects/designs	Scaling objects	•	•	•	•
Rotate objects/designs	Rotating objects	•	•	•	•
Skew objects/designs	Skewing objects using click and drag	•	•	•	•
Flip objects/designs	Flipping objects	•	•	•	•
Reshape objects Reshape	Reshaping objects			•	•
Reshape circle objects Reshape	Reshaping circle objects			•	•
Adjust stitch angles Reshape	Adjusting stitch angles			•	•
Change entry and exit points Reshape	Changing entry and exit points			•	•

Capabilities	Reference	Junior V5	Junior V5.5	MBX V5	MBX V5.5
Circle Layout Tool				•	•
Mirror Copy Tools				•	•
Copy to work area corners		•	•	•	•
Move to Centre Tool		•	•	•	•
Convert Outlines to/from Fills				•	•
Color Wheel				•	•
Optimize Color Changes				•	•
Cycle Used Colors				•	•
<b>Object Details and Templates</b>	<b>Object Details and Templates</b>				
Set current object details	Setting current object details			•	•
Change details of selected objects (stitch types only in DigitizerJr)	Changing details of selected objects	•	•	•	•
Change default object details	Changing default object details			•	•
Create design templates	Creating design templates			•	•
Modify design templates	Modifying design templates			•	•
Save current details to a template	Saving current details to a template			•	•
Delete design templates	Deleting design templates			•	•
<b>Stitch Quality</b>	<b>Improving Stitch Quality</b>				
Change underlays	Changing underlays	•	•	•	•
Adjust Center Run and Edge Run underlay settings	Adjusting Center Run and Edge Run underlay settings			•	•
Adjust Zigzag underlay settings	Adjusting Zigzag underlay settings	•	•	•	•
Adjust Tatami underlay settings	Adjusting Weave underlay settings	•	•	•	•
Compensate for fabric stretch	Compensating for fabric stretch			•	•
Change fabric settings	Changing fabric settings	•	•	•	•
Manage fabrics	Managing fabrics			•	•
Remove Overlaps				•	•
Automatic jump thread trimming		•	•	•	•
Manually Insert/Remove trims				•	•
<b>Advanced Digitizing Techniques</b>	<b>Advanced Digitizing Techniques</b>				
Reinforce outlines Backtrack/Repeat	Reinforcing outlines			•	•
Cut holes in objects Cut Hole	Cutting holes in objects			•	•
Fill holes in objects Fill Holes	Filling holes in objects			•	•
Create feathered edges Feather Edge	Creating feathered edges			•	•
Create gradient fill effects Gradient Fill	Creating gradient fill effects			•	•
Create open stitching effects Travel on Edge	Creating open stitching effects			•	•
Digitize appliqué	Digitizing appliqué			•	•
Create partial appliqué				•	•
Add fabric to appliqué				•	•
Create Florentine effects				•	•
Outline objects with one or many outlines				•	•
Combine appliqué	Digitizing appliqué			•	•

Capabilities	Reference	Junior V5	Junior V5.5	MBX V5	MBX V5.5
3D Satin Digitizing and Lettering	Digitizing appliqué			•	•
Automatic Trapunto Outlines				•	•
Create Stumpwork	Digitizing appliqué			•	•
Automatic Buttonholes	Digitizing appliqué			•	•
<b>Editing Stitches</b>	<b>Editing Stitches</b>			<b>Integrated</b>	<b>Integrated</b>
Select stitches	Selecting stitches			•	•
Insert stitches	Inserting stitches			•	•
Move stitches	Moving stitches			•	•
Delete stitches	Deleting stitches			•	•
<b>Embroidery Lettering</b>	<b>Embroidery Lettering</b>				
Create lettering on-screen	Creating lettering on-screen	•	•	•	•
Make slant lettering	Making italic lettering	•	•	•	•
Create lettering with the Object properties Docker	Creating lettering with the Object Details dialog	•	•	•	•
Create horizontal orientations	Creating horizontal orientations	•	•	•	•
Create fixed-length horizontal orientations	Creating fixed-length horizontal orientations			•	•
Adjust lettering stitch sequence				•	•
Justify lettering				•	•
Create vertical orientations	Creating vertical orientations	•	•	•	•
Create circular orientations	Creating circular orientations	•	•	•	•
Create custom orientations	Creating custom orientations			•	•
Adjust overall letter spacing on-screen	Adjusting overall letter spacing on-screen			•	•
Adjust individual letter spacing on-screen	Adjusting individual letter spacing on-screen			•	•
Adjust line spacing on-screen	Adjusting line spacing on-screen			•	•
Adjust individual letter width				•	•
Rotate individual letters				•	•
Skew individual letters				•	•
Edit individual letters				•	•
Resize individual letters				•	•
Edit lettering objects	Editing lettering objects	•	•	•	•
Scale lettering	Scaling lettering	•	•	•	•
Transform lettering objects	Transforming lettering objects	•	•	•	•
Adjust orientations	Adjusting orientations	•	•	•	•
Change letter sequencing	Changing letter sequencing			•	•
Apply different stitch types to lettering objects	Applying different stitch types to lettering objects	•	•	•	•
Convert TrueType fonts to embroidery	Converting TrueType fonts to embroidery			•	•
Add special characters	Adding special characters	•	•	•	•
Add borders	Adding borders			•	•
Create special effects with Lettering Art	Creating special effects with Lettering Art			•	•
Create monogram designs	Creating monogram designs			•	•
Specialized small alphabets (<6mm)				•	•

Capabilities	Reference	Junior V5	Junior V5.5	MBX V5	MBX V5.5
Japanese and Thai alphabets (2 Japanese alphabets only in DigitizerJr)		•	•	•	•
Improved lettering user interface		•	•	•	•
New Monogramming Design Layouts				•	•
Better quality True Type Lettering				•	•
<b>Printing Designs</b>	Printing Designs				
Preview printouts	Previewing printouts	•	•	•	•
Set print options	Setting print options	•	•	•	•
Print embroidery elements	Printing embroidery elements	•	•	•	•
Print appliqué patterns	Printing appliqué patterns	•	•	•	•
Print color layers	Printing color layers	•	•	•	•
Print hoop template			•		•
Reading and Writing Design Files	Reading and Writing Design Files	•	•	•	•
Save designs for machine	Saving designs for machine	•	•	•	•
Send and write designs	Sending and writing designs	•	•	•	•
Send designs to machine	Sending designs to machine	•	•	•	•
Write designs to Flash Memory reader/writer	Writing to Flash Memory reader/writer	•	•	•	•
Output to MC11000 machine	Outputting to MC11000 machines	•	•	•	•
Output to MC1000* machine	Outputting to MC1000* machines	•	•	•	•
Output to MC10000 V2.21 machine	Outputting to MC10000 V2.21 machines	•	•	•	•
Output to MC9700/9500/300E machine	Outputting to MC9700 or lower machines	•	•	•	•
Output to MB-4 machine	Outputting to MB-4 machines			•	•
MB-4 Machine Status				•	•
Output to MC9900		•	•	•	•
Output to MC12000		•	•	•	•
MC12000 Desktop machine console		•	•	•	•
Output to MC15000		•	•	•	•
MC15000 Desktop machine console		•	•	•	•
Output to MC14000		•	•	•	•
MC14000 Desktop machine console		•	•	•	•
<b>Design Management</b>	Design Management			<b>IDM</b>	<b>IDM</b>
Search for designs					•
Open and view designs	Viewing designs in Design Gallery			•	•
Display design thumbnails and summary information	Display design thumbnails and summary information			•	•
Select designs in folders	Selecting designs in folders			•	•
Create new designs with custom templates	Creating new designs with custom templates			•	•
Sort files in folders	Sorting files in folders			•	•
Print designs and catalogs	Printing designs and catalogs			•	•
Convert design files in folders	Converting design files in folders			•	•
Rename, add and delete folders	Renaming, adding and deleting folders			•	•
Copy and paste designs	Copying and pasting designs	•	•	•	•

Capabilities	Reference	Junior V5	Junior V5.5	MBX V5	MBX V5.5
Cut and paste designs	Cutting and pasting designs	•	•	•	•
Rename designs in folders	Renaming designs in folders	•	•	•	•
Delete designs	Deleting designs	•	•	•	•
<b>Easy Image Vector Drawing Tools (CDGS SE)</b>	<b>NEW</b>				
Optimised for Windows 10					•
Support for Ultra HD 4k displays					•
Vectorization of bitmaps (PowerTrace)					•
Align and Distribute objects					•
Content Exchange					•
Export SVG file format for cutting					•
Freehand draw, artistic media, pen, smart drawing				•	•
Rectangle, ellipse, polygon, star, graph, spiral				•	•
Basic shapes, arrows, banners, callouts				•	•
Text				•	•
Vector Effects - Drop shadow, transparency				•	•
Fills - uniform, fountain, pattern, texture				•	•
Special effects - blend, contour, distort, envelope, extrude				•	•
<b>Inclusions</b>					
Fonts (Embroidery Alphabets)		25	25	108	119
TTF				unlimited	unlimited
Designs		161	161	161	161
Images		6	6	41	41
Bitmap		6	6	51	51
Vector (500+ with Corel)		-	-	5	5
Monogram Ornaments (Accents)		-	-	43	43
Monogram Borders		-	-	50	50
Projects		7	7	7	7
Tutorial Videos (via online documentation)		9	9	9	9