

# DESIGNER™ series Comparison Chart

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**JOMAX**  
SEW AND VAC CENTERS, INC.  
410-848-8080 410-876-3890  
The 140 Village STEWART, MARYLAND 20854



KEY FEATURES	DESIGNER DIAMOND deLuxe™	DESIGNER RUBY deLuxe™	DESIGNER TOPAZ™ 30	DESIGNER TOPAZ™ 20
deLuxe™ Stitch System • Sew beautifully balanced stitches with challenging threads	Yes	Yes		
EXCLUSIVE SENSOR SYSTEM™ • Sensor Foot Lift and Extra Lift • Sensor Foot Pivot • Sensor Foot Pressure	Yes Feed teeth drop with extra lift	Yes Feed teeth drop with extra lift	Yes	Yes
Exclusive SEWING ADVISOR®	Yes	Yes	Yes	Yes
Exclusive EMBROIDERY ADVISOR™	Yes	Yes		
Display type	Ultimate Interactive Screen Full Color Touch Screen 8.0" (174x104mm)	Large Interactive Screen Full Color Touch Screen 5.7" (116x87mm)	Graphic Display Monochrome 3.0" (63x48mm)	Graphic Display Monochrome 3.0" (63x48mm)
Built-in stitches	668 Can be upgraded with more stitches	498 Can be upgraded with more stitches	163	105
All stitches (including stitches, letters, characters etc)	1222	1052	620	368
Designs included	205 built-in designs 175 Classic collection	162 built-in designs 175 Classic collection	75 designs on USB Embroidery stick 27 on Bonus CD	75 designs on USB Embroidery stick
Multi-Size embroidery fonts	4	4	1	1
Embroidery Unit size	Large (Is also compatible with Medium and Small units)	Medium (Is also compatible with Small unit)	Medium	Small
Hoops included	Royal Hoop 14¼"x8" (360x200mm) Crown Hoop 10¼"x8" (260x200mm) Splendid Square Hoop 4¾"x4¾" (120x120mm)	Royal Hoop 14¼"x8" (360x200mm) Splendid Square Hoop 4¾"x4¾" (120x120mm)	Royal Hoop 14¼"x8" (360x200mm) Splendid Square Hoop 4¾"x4¾" (120x120mm)	Crown Hoop 10¼"x8" (260x200mm) Splendid Square Hoop 4¾"x4¾" (120x120mm)
DESIGNER™ Majestic Hoop (optional) 14¼"x13¾" (360x350mm)	Yes			
Select screen appearance	Yes			
Design Shaping – Create new embroideries in an instant using stitches and/or embroidery	Yes			
Design Positioning – Match your embroideries perfectly every time	Yes	Yes		
Resize design with stitch recalculation	Yes	Yes		
Embroidery Customize on screen	Yes	Yes		
Selective Thread Cutter with Automatic Jump Stitch Trim	Yes	Yes	Yes	
Large Sewing Surface – 250mm (almost 10") to the right of the needle	Yes	Yes	Yes	Yes
Light System	Adjustable E LIGHT™ Adjust light intensity and color (LED)	Rows of light emitting diodes (LED)	2 light bulbs	2 light bulbs
USB Connectivity	Embroidery stick, Cable to computer	Embroidery stick, Cable to computer	Embroidery stick	Embroidery stick
UPDATES via internet	Via PC USB Cable or USB Embroidery Stick	Via PC USB Cable or USB Embroidery Stick	Via USB Embroidery Stick	Via USB Embroidery Stick



EMBROIDERY FEATURES	DESIGNER DIAMOND <i>deLuxe™</i>	DESIGNER RUBY <i>deLuxe™</i>	DESIGNER TOPAZ™ 30	DESIGNER TOPAZ™ 20
Color Block Sort – Eliminate color changes with a touch	Yes			
Color Block Merge – Eliminate color stops in large or combined designs	Yes			
Grouping of designs – Create a group of selected designs on screen for editing	Yes			
Smart Save – Remembers your place in embroidery	Yes	Yes		
Possibility to embroider buttonholes in the hoop	Yes	Yes		
Undo/redo when creating design combinations	Yes	Yes		
Design stitch out order	Yes	Yes		
Tapering in embroidery mode	Yes	Yes		
Sew decorative stitches in the hoop	Yes	Yes		
Select designs from thumbnail pictures	Yes	Yes		
Touch & Hold for easy handling of designs, files and more	Yes	Yes		
Design-Select – select one or many embroideries for editing.	Yes	Yes		
Go To Exact Embroidery Stitch Number	Yes	Yes		
Zoom and Pan	Yes	Yes		
Load and View Multi-format Designs	Yes	Yes		
Add grid to screen for placement	Yes	Yes		
Embroidery Time Countdown by Color	Yes	Yes		
Cursor mark on-screen while embroidering	Yes	Yes		
Color Edit	Change design color, change background color, select monochrome	Change design colors, select monochrome	Select to sew in color, or monochrome	Select to sew in color, or monochrome
Rotate designs	One degree increments	One degree increments	90 degree increments	90 degree increments
Baste in hoop	2 options	2 options	Yes	Yes
Scale design	Yes	Yes	Yes	Yes
Step through embroidery by color and Stitch-by-Stitch	Yes	Yes	Yes	Yes
Check size and placement before embroidering	Yes	Yes	Yes	Yes
My Hoops – Select hoops you own	Yes	Yes	Yes	Yes

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SEWING FEATURES	DESIGNER DIAMOND <i>deLuxe™</i>	DESIGNER RUBY <i>deLuxe™</i>	DESIGNER TOPAZ™ 30	DESIGNER TOPAZ™ 20
Side-motion sewing	Yes	Yes		
Taper Stitch Select Angles – Choose from 18 different angles	Yes	Yes		
Directional Sewing – 4-way and 8-way	Yes	Yes		
Sew with embroidery unit attached	Yes	Yes		
Permanent memories	My Files + USB Embroidery Stick	My Files + USB Embroidery Stick		
Stitch pattern Re-Start	Yes	Yes	Yes	
Stitch width	7mm	7mm	7mm	7mm
My Stitches Menu	48 memories	30 memories	20 memories	15 memories
Programmable sewing fonts	6 Can also be embroidered	6 Can also be embroidered	5	3
PBB (Perfectly Balanced Buttonholes) with Sensor One-Step Buttonhole Foot	16 Buttonholes + 3 eyelets + sew on button	11 Buttonholes + 2 eyelets + sew on button	7 Buttonholes + eyelet + sew on button	7 Buttonholes + eyelet + sew on button
Stitches on screen	Yes, Starting point of stitch indicated on screen	Yes, Starting point of stitch indicated on screen	Yes	Yes
Speed control	5 sewing speeds	5 sewing speeds	5 sewing speeds	3 sewing speeds
Twin Needle Setting	Yes The look of the stitch is shown on screen	Yes The look of the stitch is shown on screen	Yes	Yes
Free Motion Sewing	Yes - 2 modes Free Motion Floating and Free Motion Spring Action	Yes - 2 modes Free Motion Floating and Free Motion Spring Action	Yes - 2 modes Free Motion Floating and Free Motion Spring Action	Yes - 2 modes Free Motion Floating and Free Motion Spring Action
Stitch Positioning	Yes	Yes	Yes	Yes
Adjust Stitch; length, width, mirror image side-to-side and end-to-end	Yes	Yes	Yes	Yes
Twin needle and stitch width safety	Yes	Yes	Yes	Yes
Sew with or without foot control	Yes	Yes	Yes	Yes
Light indicates Needle Stop Up/Down	Yes	Yes	Yes	Yes
FIX Tie-Off Function	Yes	Yes	Yes	Yes
Instant and Permanent Reverse	Yes	Yes	Yes	Yes
Stop Function	Yes	Yes	Yes	Yes
Snap on presser feet	Yes	Yes	Yes	Yes
Needle positions	29	29	29	29
Electronic piercing power	Yes	Yes	Yes	Yes

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MORE FEATURES	DESIGNER DIAMOND <i>deLuxe™</i>	DESIGNER RUBY <i>deLuxe™</i>	DESIGNER TOPAZ™ 30	DESIGNER TOPAZ™ 20
Lighted Thread Area	Yes			
Alarm Lights	Yes			
Embroidery Accessory Tray	Yes			
Embroidery unit soft bag included	Yes			
Needle Thread Tension Compensations – Possibility to change settings to override the preset tension for special techniques or personal preferences	Yes	Yes		
Screen Saver with Start Up Screen	Yes	Yes		
Personalized Machine Sounds	Yes Among sounds included in machine + user defined sounds	Yes Among sounds included in machine		
Ability to use USB mouse	Yes	Yes		
Lock Screen Option	Yes	Yes		
Built-in Stylus holder	Yes Lighted Stylus Area	Yes Transparent red		
Quick Wind Bobbin – separate motor to wind bobbin while sewing or embroidering	Yes	Yes	Yes	
HUSQVARNA VIKING® 1GB USB Embroidery Stick	Yes	Yes	Yes	Yes
Embroidery PC software: 5D™ Organizer	Yes	Yes	Yes	Yes
Embroidery PC software: 5D™ Quick Font	Yes	Yes	Yes	Yes
Quick Help System directly on screen or printed	Quick Help, Index Help, Printed Quick Guides; 2 guides one for sewing and one for embroidery	Quick Help, Index Help	Printed Quick Guides	Printed Quick Guides
Automatic feed teeth drop	Sewing and Embroidery	Sewing and Embroidery	Embroidery Only	Embroidery Only
Slide-on accessory tray	Yes - Double Sided	Yes	Yes	Yes
Top and bobbin thread sensor	Yes	Yes	Yes	Yes
Needle threader	Yes	Yes	Yes	Yes
Multiple languages	Yes	Yes	Yes	Yes
Electronic self-adjusting thread tension	Yes + <i>deLuxe™</i> Stitch System	Yes+ <i>deLuxe™</i> Stitch System	Yes	Yes
Extended Dual Stitch Plate – Guidelines up to 40mm on both sides of the needle	Yes	Yes	Yes	Yes
Automatic bobbin thread pick-up	Yes	Yes	Yes	Yes
Jam-Proof Rotary Hook	Yes	Yes	Yes	Yes
Permanently lubricated	Yes	Yes	Yes	Yes
Hard cover carrying case	Yes	Yes	Yes	Yes
Designed and Engineered in Sweden	Yes	Yes	Yes	Yes