

DESIGNER™ series Comparison Chart

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JOMAX
SEW AND VAC CENTERS, INC.

410-848-8080 410-876-3890
The 140 Village ESTER MD 800-248-0692



KEY FEATURES	DESIGNER DIAMOND™	DESIGNER RUBY™	DESIGNER TOPAZ™ 30	DESIGNER TOPAZ™ 20
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, 174 x 104 mm, 8.0" diagonal Full Color TFT, Wide VGA Touch Screen	Interactive Color Touch Screen, 116 x 87 mm, 5.7" diagonal Full Color TFT LCD, VGA Touch Screen	Graphic Display Monochrome 63 x 48 mm	Graphic Display Monochrome 63 x 48 mm
Built-in stitches	596 Can be upgraded with more stitches.	434 Can be upgraded with more stitches.	163	105
All stitches (including stitches, letters, characters etc)	1192	988	620	368
Designs included	154 built-in designs 175 Classic collection	147 built-in designs 175 Classic collection	75 designs on USB Embroidery stick 27 Bonus CD	75 designs on USB Embroidery stick
Multi-Size embroidery fonts	4	4	1	1
Hoops included:	Royal Hoop 360x200 Crown Hoop 260x200 Splendid Square Hoop 120x120	Royal Hoop 360x200 Splendid Square Hoop 120x120	Royal Hoop 360x200 Splendid Square Hoop 120x120	Crown Hoop 260x200 Splendid Square Hoop 120x120
DESIGNER™ Majestic Hoop 360 x 350 (optional)	Yes			
Design Shaping – Create new embroideries in an instant using stitches and/or embroidery	Yes			
Embroidery Customize on screen	Yes	Yes		
Design Positioning – Match your embroideries perfectly every time.	Yes	Yes		
Selective Thread Cutter with Automatic jump stitch trim	Yes	Yes	Yes	
Large Sewing Surface – 250 mm (almost 10") to the right of the needle	Yes	Yes	Yes	Yes
LIGHT	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 Optional; mouse, external CD drive and hub	Embroidery stick, Cable to computer Optional; mouse, external CD drive and hub	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

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EMBROIDERY FEATURES	DESIGNER DIAMOND™	DESIGNER RUBY™	DESIGNER TOPAZ™ 30	DESIGNER TOPAZ™ 20
Smart Save – Remembers your place in embroidery	Yes			
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			
Tapering in embroidery mode	Yes	Yes		
Resize design with stitch recalculation	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:	Yes Change design color, change background color, select monochrome	Yes Change design colors, select monochrome	Yes Select to sew in color, or monochrome	Yes Select to sew in color, or monochrome
Rotate designs	One degree increments	One degree increments	90 degree increments	90 degree increments
Baste in hoop	Yes	Yes	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 the hoops you own	Yes	Yes	Yes	Yes

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SEWING FEATURES	DESIGNER DIAMOND™	DESIGNER RUBY™	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 – Saves altered and favorite stitches; length, width, needle position, tension, foot pressure	My Stitches (48) My Files, My Designs, My Fonts USB Embroidery Stick	My Stitches (30) My Files, My Designs, My Fonts USB Embroidery Stick	My Stitches (20)	My Stitches (15)
Programmable 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	10 Buttonholes + eyelet + 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 in shown on screen.	Yes The look of the stitch in 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 off and 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™	DESIGNER RUBY™	DESIGNER TOPAZ™ 30	DESIGNER TOPAZ™ 20
Personalized Machine Sounds	Yes			
Lighted Thread Area	Yes			
Alarm Lights	Yes			
Embroidery Accessory Tray	Yes			
Embroidery unit soft bag included	Yes			
Ability to use USB mouse on screen	Yes	Yes		
Quick Help – touch icon for instruction	Yes	Yes		
Index Help – complete machine instruction on screen	Yes	Yes		
Lock Screen Option	Yes	Yes		
Built-in Stylus holder	Yes Lighted Stylus Area	Yes Transparent Ruby 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: 4D™ Organizer	Yes	Yes	Yes	Yes
Embroidery PC software: 4D™ Quick Font	Yes	Yes	Yes	Yes
Quick guide	Yes - 2 guides one for sewing and one for embroidery	Yes	Yes	Yes
Automatic feed teeth drop	Sewing and Embroidery	Sewing and Embroidery	Embroidery Only	Embroidery Only
Slide-on accessory tray	Yes - large	Yes - large	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	Yes	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