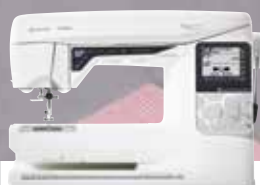


Opal™



**HUSQVARNA VIKING®
OPAL™ 690Q**

**HUSQVARNA VIKING®
OPAL™ 670**

**HUSQVARNA VIKING®
OPAL™ 650**

KEY FEATURES:

EXCLUSIVE SENSOR SYSTEM™ Technology	•	–	–
Start/Stop Function (Sew without foot control)	•	•	•
Automatic Thread Cutter	•	•	–
Exclusive SEWING ADVISOR® Feature	•	•	•
Bobbin Thread Sensor	•	•	–
Large display 3" (64x48 mm)	TouchScreen	TouchScreen	Graphic Display
Electronic Self Adjusting Thread Tension	•	•	–
Large Sewing Surface	8" (200 mm)	8" (200 mm)	8" (200 mm)
Utility & Decorative Stitches	208	200	160
All Stitches (including stitches, letters, characters etc)	565	557	420
Programmable Fonts	4	4	3
LED Lights in three places	•	•	•
My Stitches Menu	12 Memories, 240 stitches	8 Memories, 160 stitches	4 Memories, 80 Stitches

SEWING FEATURES:

Stitch Selection	TouchScreen	TouchScreen	Hard Key Selection
Stitches on Screen in real size	•	•	•
Needle Positions	29	29	29
Snap-On Presser Feet Included	10	7	7
Buttonholes styles	7	7	7
Exclusive Sensor One-Step Buttonhole Foot	•	•	•
Perfectly Balanced Buttonholes	•	•	•
Sew-on Button Program	•	•	•
Fix Function	•	•	•
Stop Function	•	•	•
Needle Stop Up/Down	•	•	•
Automatic Tapering	•	•	–
Pictogram Feature	•	•	–
Mirror End-to-End	•	•	–
Mirror Side-to-Side	•	•	•
Adjust Stitch; Length, Width	•	•	•
Stitch Width	7 mm	7 mm	7 mm
Twin Needle Safety and Stitch Width Safety	•	•	•
Electronic Speed Control	5 speeds	5 speeds	5 speeds
Instant and Permanent Reverse	•	•	•

MORE FEATURES:

Built-In Needle Threader	•	•	•
Bobbin Winds From The Needle	•	•	•
Automatic Bobbin Thread Pick Up	•	•	•
Electronic Piercing Power	•	•	•
Set Menu	•	•	•
Languages	12	12	12
Slide-On Accessory Tray	•	•	•
Built-In Spool Pins	2	2	2
Thread cutters	3	3	3
Jam-Proof Rotary Hook, Permanently Lubricated	•	•	•
Hard Cover	•	•	•
Designed and Engineered in Sweden	•	•	•