

**baby lock**

# Aspire

**BLES5**

Aspire is a versatile machine that offers both overlock and coverstitch stitches. It features an Automatic Thread Delivery System (ATD) for tension-free serging and the convenient ExtraordinAir Threading System that threads the loopers with just the touch of a button. Aspire is perfectly sized and packed with convenient features, making your sewing experience enjoyable and effortless.





### Automatic Thread Delivery (ATD)

Never worry about tension adjustment again. Enjoy perfectly balanced stitches regardless of the type of fabric you're using. The built-in stitch fingers actually move with the knife blade, adjusting the seam consecutively with the cutting width. ATD lets you thread your loopers in any order.



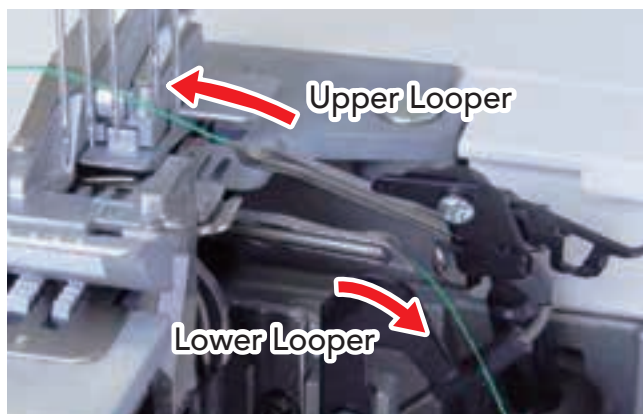
### ExtraordinAir Looper Threading

Insert thread into one of the Aspire's threading ports, push the button and a gust of air quickly pushes it through the patented tubular loopers, exactly where you need it every time. Tangles, knots and breakage are now a thing of the past!



### Differential Feed

Baby Lock took the differential feed mechanism to a new level by adding a single unit feed dog mechanism. This ensures stronger feeding as well as more consistent gathering on all fabrics.



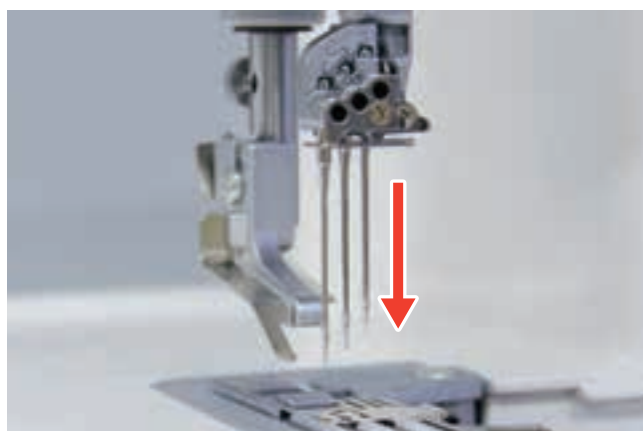
### Tubular Loopers

Imagine no exposed thread and no thread guides. Your thread remains protected and tangle-free.



### Dial Adjustable Stitch Length and Automatic Rolled Hem

Stitch length can be easily adjusted on the Aspire using one dial. This dial includes an Automatic Rolled Hem setting that will retract the built-in stitch width finger for a rolled hem finish.



### Vertical Needle Penetration

While most machines use slanted needles that push and damage fabric, Baby Lock's needles are set vertically and sew directly up and down. This exclusive feature protects your fabric and prevents needle deflection.



#### Presser Foot height up to 6mm

Presser foot height changed to 6.0mm. With this change, it became easier to set thick fabrics.



#### Convenient Presser Foot Lever

An easy-access presser foot lever on the right side of the machine lets you quickly make adjustments.



#### 4-Holes Sewing Table

Sewing table changed from "2-Holes" to "4-Holes". This change let you to use Knit Woven Bias Binders and stitch guide.



#### Safety Switch

With the front cover open, the sewing machine is locked and can't start sewing. These will help you to use it more securely when using the machine.



#### Pure Lighting – Four LED Lights

Clearly see every stitch, fabric and thread color under four bright LED lights.



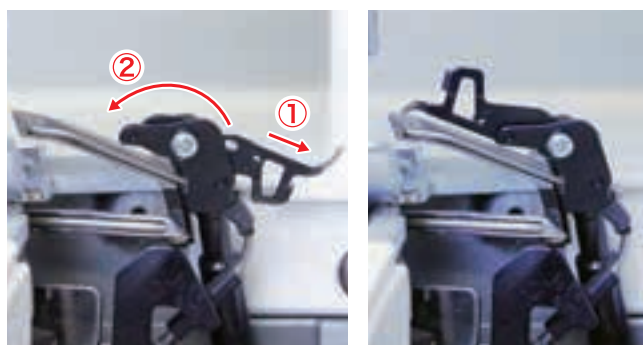
#### Magnetic Needle Storage

A magnet plate provides a stable place for needles.



#### Needle Thread Guide

To make it easy to apply needle threads. It became possible to put thread more easily than the last threading. It is a result of devising by changing the shape and having a slope.



#### 2-Thread Subsidiary Looper

Subsidiary Looper shape was changed and you can definitely enters into the upper looper eye with two action.



### Knee Lift

Raise the presser foot by simply moving the attachable lever with your knee. This leaves both of your hands free for extra control on detailed stitches.



### Trim Bin

The original Baby Lock trim bin not only catches thread remnants but also allows you to re-thread the looper threads without needing to remove the trim bin.

## Variety of various seams.

Overlock, cover stitch, combination stitch.

Because Aspire is a multifunctional machine with

5 threads, it can deal with everything and can provide variations of various seams.



4-thread Overlock



3-thread Overlock



2-thread Overlock



3-thread Narrow



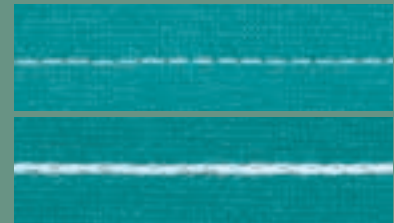
Rolled Edge



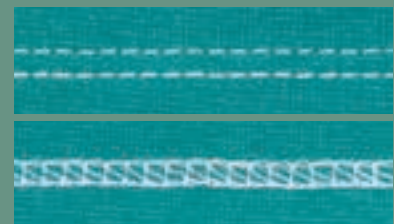
3-thread Flatlock



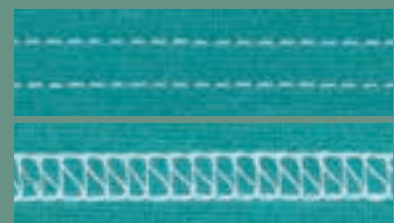
5-thread Safety Stitch



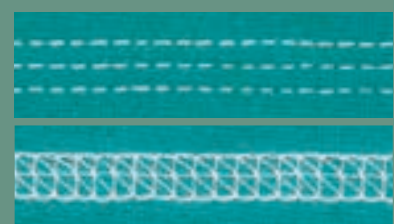
Chain Stitch



Cover Stitch Narrow



Cover Stitch Wide



Triple Cover Stitch

# Optional accessories

## Serger Accessory Feet Package

A-6TA8



Included Item : Beading foot / Piping foot 5mm /  
Blindhem foot / Shirring foot /  
Elastic foot / Lace Applicator foot

### Beading foot

B5002-04A-C



### Piping foot

3mm : B5002-11A-C  
5mm : B5002-05A-C



### Blindhem foot

B5002S06A



### Shirring foot

B5002S07A



### Elastic foot

B5002S09A



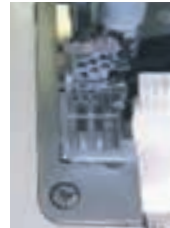
### Lace Applicator foot

B5002S08A



### Clear foot

B5002S14A



### Curving foot

M0-36A09



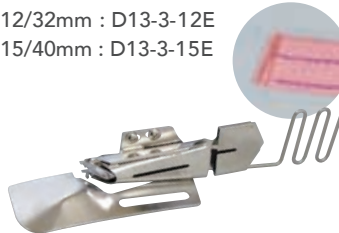
### Double fold Bias binder

8/30mm : D13-4-08E  
10/36mm : D13-4-10E  
12/42mm : D13-4-12E  
15/48mm : D13-4-15E



### Single fold Bias binder

12/32mm : D13-3-12E  
15/40mm : D13-3-15E



### Belt loop folder

10mm : B0421S12A  
20mm : B0421S11A



### Pintucking foot

B5002-06A-C



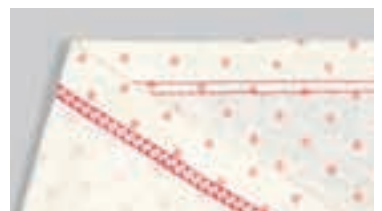
### Plain hemmer

13mm : B0421S06A  
6.5mm : B0421S07A



### Single downturn feller

16mm : B0421S08A  
25mm : B0421S09A  
7mm : B0421S10A



# Features and Specifications

## Technology Features

- ExtraordinAir Threading
- Automatic Thread Delivery System
- Full-Featured Differential Feed:
  - o 2 to 1 Ratio- gathering
  - o 3 to 4 Ratio stretching
- Vertical Needle Penetration
- Pure Lighting with 4 LED lights

## Convenience Features

- Enhanced telescopic antenna with thread guides
- Built-in thread cutter
- Electronic foot control
- Built-in accessory storage
- Snap on multi-purpose presser foot
- Carry handle
- Bypass port and guide for special thread
- Household needle system:
  - o ELx705CF

## Other

- Machine Weight : 12.3kg

## Advanced Serging Features

- Adjustable presser foot height up to 6mm
- Chain/cover stitch functions include single, double and triple cover stitch
- Overlock stitch functions to seam and encase fabric edges
- Flatlock stitch functions for seaming or decorative effects
- Heavy duty cutting system handles thick fabrics with ease
- Automatic rolled hem stitch functions create a professional finish
- Dial adjustable stitch width: 1.5 - 7.5mm, up to 16mm wide on Expressive stitches
- Dial adjustable stitch length: 0.75 - 4mm
- Dial adjustable built-in rolled hem
- Up to 1,500 stitches per minute
- Presser foot pressure adjustment

## OVERLOCK OPTIONAL ACCESSORIES

|                         |             |
|-------------------------|-------------|
| Beading Foot            | B5002-04A-C |
| Blindhem Foot           | B5002S06A   |
| Elastic Applicator Foot | B5002S09A   |
| Lace Applicator Foot    | B5002S08A   |
| Piping Foot 5mm         | B5002-05A-C |
| Shirring Foot           | B5002S07A   |
| Clear Foot              | B5002S14A   |
| Curving Foot            | M0-36A09    |
| Open Toe Foot           | B5002T20A   |
| Teflon Flat Sole Foot   | B5002T21A   |

## CHAIN/COVER STITCH OPTIONAL ACCESSORIES

|                                 |             |
|---------------------------------|-------------|
| Double Fold Bias Binder 8/30mm  | D13-4-08E   |
| Double Fold Bias Binder 10/36mm | D13-4-10E   |
| Double Fold Bias Binder 12/42mm | D13-4-12E   |
| Double Fold Bias Binder 15/48mm | D13-4-15E   |
| Single Fold Bias Binder 12/32mm | D13-3-12E   |
| Single Fold Bias Binder 15/40mm | D13-3-15E   |
| Belt Loop Binder 19mm           | B0421S12A   |
| Belt Loop Binder 38mm           | B0421S11A   |
| Cover Chain Foot                | B5002S10B   |
| Double Fold Bias Binder 28mm    | B0421S03A   |
| Double Fold Bias Binder 36mm    | B0421S02A   |
| Pintuck Foot w/2 Guides         | B5002-06A-C |
| Plain Hemmer 7.5mm              | B0421S07A   |
| Plain Hemmer 13mm               | B0421S06A   |
| Single Downturn Feller 7.5mm    | B0421S10A   |
| Single Downturn Feller 16mm     | B0421S08A   |
| Single Downturn Feller 25mm     | B0421S09A   |
| Single Fold Bias Binder 28mm    | B0421S04A   |
| Single Fold Bias Binder 40mm    | B0421S05A   |

## OTHER OPTIONAL ACCESSORIES

|                 |       |
|-----------------|-------|
| Extension Table | CT-5S |
|-----------------|-------|