Specifications/

BAS-342JXL

	BAS-342JXL
Stitch form	Single needle lock stitch
Max. sewing speed	2,100sti/min*1
Max. sewing area	Max. sewing area 650 x 380mm
Feed mechanism	Intermittent feed (pulse motor drive)
Stitch length	0.05-20.0mm (per 0.05mm)
Max. number of stitches	20,000 stitches (per program)
Max. number of programs	999
Work clamp drive	Pneumatic drive - Quick change Cassette type
Height of stepping presser	22mm
Stepping presser foot stroke	0-10mm (per 0.1mm)
Hook	Double-capacity shuttle hook
Thread wiper	Standard equipment
Thread trimmer	Standard equipment
Digital tension	Standard equipment
Fabric thickness detection	Standard equipment
Skipped stitch/Thread breakage detection	Standard equipment
Data storage media	Internal flash memory (data addition is available with external memory)
Motor	AC servo motor 550W
Weight	Machine head: Approx. 174kg
	Control box: Approx. 18kg
Power	1-phase 220V,;3-phase 200V/380V/400V
Air pressure/Consumption	0.5MPa, 1.8l/min

*1 The stitch length is 3.5mm or below.

BAS-342JXL 650mm x 380mm

Direct Drive Programmable Electronic Pattern Sewer with Cylinder Bed

- Sewing data is sewn faithfully attractively
- Hight penetrating force
- Economical operation with low power consumption

Low Power consumption & High Quality sewn product

Low Power consumption & High Quality sewn product

The machine provide the highest quality sewing exactly the way it is programmed even at high speed sewing with maximum performance. With the high functional LCD touch panel that offers easy programming, the preparation time can be reduced.

1 Skipped Stitch Detector (Brother Only)

Brother's newly developed original algorithm suppresses false detections due to dust and lint, and detects skipped stitches more accurately and stably. (Patent pending)

2 Fabric Thickness Detection

Measuring the thickness of fabric or material plies before sewing can be enabled. If the measured value is incorrect, an error is displayed to prevent sewing mistakes before sewing begins. (available in standard)

3 Uniform and Stable Thread Tightness

It realized stable thread tightening at low tension sewing. Excessive or insufficient pressing by the stepping foot can be prevented, enabling a finish with uniform thread tightening.

4 Prevention of Thread coming out

The stepping foot controlled by the pulse motor prevents the thread coming out at the beginning of sewing. This helps reduce sewing defects.

5 Best User Experience with LCD Touch Panel

Jog Key (Brother Only)

Direction can be controlled by the jog key. You can feel the touching it so it is useful when creating the programs and adjusting the needle position while checking the needle point.

Supporting the SD Card and USB

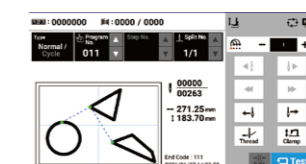Various types of data can be input and output.

Sewing Pattern Outline Edit

The outline of the sewing pattern can be adjusted, enhancing the program editing.
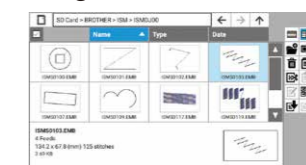
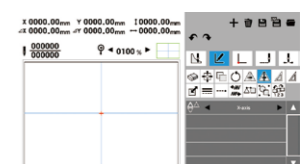**Stylus pen is standard equipment**

Simple Home Screen

Simple UI mode is newly added for intuitive use.
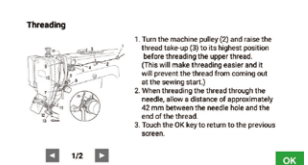
Program Selection

The preview of the program can be seen on the panel.

Program Creating

Program creation can be available easily with illustration icons.

Manual Display

Mistakable preparations such as threading the upper thread, Winding the lower thread can be checked on the panel.