Boosting absolute reliability and brand recognition in the market, the BAS-300G and BAS-311G have taken the industry lead in this market. With the world’s top-class sewing speed and enlarged sewing area, they became more attractive as a new model BAS-311H.

**Specifications/**

**BAS-311H-0**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Name</td>
<td>BAS-311H</td>
</tr>
<tr>
<td>Max. Sewing Speed</td>
<td>2,800 sti/min</td>
</tr>
<tr>
<td>Sewing Area (X-Y)</td>
<td>150mm x 100mm</td>
</tr>
<tr>
<td>Feed Mechanism</td>
<td>Interchangeable feed mechanism</td>
</tr>
<tr>
<td>No. of Stitches</td>
<td>500,000-stitch internal memory*2</td>
</tr>
<tr>
<td>Stitch Length</td>
<td>0.05, 4.5mm, 12.7mm</td>
</tr>
<tr>
<td>Max. Number of Stitches</td>
<td>20,000 stitches (per program)</td>
</tr>
<tr>
<td>Motor</td>
<td>AC Servo Motor</td>
</tr>
<tr>
<td>Work Clamp</td>
<td>Motor-driven work clamp, Pneumatic work clamp</td>
</tr>
<tr>
<td>Motor-driven work clamp</td>
<td>Max. 25mm</td>
</tr>
<tr>
<td>Pneumatic work clamp</td>
<td>Max. 30mm</td>
</tr>
<tr>
<td>Hook</td>
<td>Single needle lock stitch</td>
</tr>
<tr>
<td>Wiper Device</td>
<td>Standard equipment</td>
</tr>
<tr>
<td>Sewing Data Programming</td>
<td>PS-300B Sewing data programming software</td>
</tr>
</tbody>
</table>

**Peripheral equipment/**

- Sewing data programming software PS-300B
- Needle cooler *4 <SA5559101>
- Thread wiper set (Pneumatic type) *4 <SA5575101>
- Inner clamp device *4 <SA7189101>
- Thread breakage detector <SA5193101>
- Triple pedal foot switch <SA6495101>

**Power supply**

- Single phase 100V/220V, 3-phase 200V/220V/380V 400V 400VA

**Application**

- Medium-weight materials
- Heavy-weight materials
- Seatbelt

**BAS-311H**

150mm x 100mm Direct Drive Programmable electronic pattern sewer with cylinder bed

With the world’s top-class sewing speed, this machine provides high and stable sewing quality while achieving energy savings. The enlarged sewing area enables for a wide range of materials and applications.

- High and stable sewing quality
- Enlarged sewing area to 150mm x 100mm
- High productivity with max. sewing speed of 2,800 sti/min
- User-friendly operation panel
- Environment-conscious
Achieving High Productivity
With the adoption of a Brother-developed direct-drive motor, the BAS-311H achieved the world’s top-class sewing speed of 2,800sti/min. This endorses productivity with quick starting and stopping.

Beautiful and High Quality
With its accurate stitch point even at high speed, the BAS-311H provides high quality stitching exactly the way it is programmed. The high-rigid feed mechanism realizes high-precision and stable stitching even with high speed or weighty material sewing.

High Energy Saving
The sewing area is enlarged 20mm in X direction (width), compared to the previous model BAS-311G. It advances automation from a lock stitch process for wide range of materials and applications.

Sewing Area is Enlarged to 150mmx100mm

High Needle Penetration
Flexible & Accuracy
With the world’s top-class sewing speed, this machine provides high and stable sewing quality while achieving energy savings. The enlarged sewing area enables for a wide range of materials and applications.

Achieving energy savings. The enlarged sewing area enables for a wide range of materials and applications.

Achieving High Productivity
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A Minimum Resolution of 0.05 mm
Since the data is resolved at 0.05 mm per pulse for the feed, accuracy of feed and stiching is accordingly seen with beautiful finishes. Also, a simple single point endstitch method can be used, and embrodiering on heavy materials, which is not easy with a general embroidery machine, is also possible.

Smooth and Beautiful Stitches with

Easy and Accurate Positioning of Materials
The high speed, the BAS-311H provides high quality stitching exactly the way it is programmed. The high-rigid feed mechanism realizes high-precision and stable stitching even with high speed or weighty material sewing.

Simple and Easy Sewing Pattern Change
Mark clamp can be replaced quickly and accurately. Simply by loosening the two screws, the work clamp can be replaced quickly. It can also be installed accurately by using the positioning pins.

Simple Adjustment
The driver phase can be adjusted from the side without tilting the sewing machine.

Sewing data can easily be created with a large color LCD. Sewing data management is easy. The sewing data image can be displayed, copied and erased easily. 11 languages are supported as display languages.

Easy Sewing Data Creation with Programmer PD-3000A

Application Examples
Label Attaching
Leather Case (Simplest work clamp)
Key Ring

In addition, decorative stitching for shoes etc...

The operation panel is designed to be user-friendly and to improve the ease of operation.