

Direct Drive Programmable electronic pattern sewer with cylinder bed

BAS-300G 130 × 60 mm

- Sewing data is sewn faithfully and attractively
- High maximum sewing speed
- Economical operation with low power consumption
- The height of the intermittent stepping foot can easily be adjusted from the operator panel
- Easy-to-use programmer PD-3000 (optional product)



PD-3000



BAS-300G-015



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*World class performance at high speeds resulting in fast sewing cycle times.
It provides high sewing quality and increases productivity for a wide range of applications while saving energy.*

High quality sewn products made with beautiful stitching

High quality stitching exactly the way it is programmed even at high-speed sewing

With adoption of the high-rigid feed mechanism with servo-control, high-precision pattern sewing is available and feed drifting, which is electronic sewing machine-specific, does not occur even with high speed or weighty material sewing.

Low thread tension sewing is possible with stable thread tension

The high-rigid feed mechanism with servo-control and the needle bar / thread take-up mechanism having optimal timing and stroke have realized stable thread tightening at low tension sewing. It has enlarged the range of balanced thread tensions.

Productivity is increased with maximum sewing speed of 2,700 sti/min

With the adoption of a Brother's unique direct drive motor, starting and stopping is quick. Machine time has been reduced by approximately 19% compared to the previous model and thus productivity is increased.

Economical operation with low power consumption

The direct drive mechanism greatly reduces power transmission losses, and a compact and energy-efficient motor has also been adopted. These innovations result in energy savings of approximately 50% from previous models. This is a programmable electronic pattern sewer with the lowest power consumption in the market.

Specifications

BAS-300G-0

Application	
1	For heavy materials
2	For medium materials
3	For seat belt

Work clamp	
S	Motor-driven work clamp
A	Pneumatic work clamp



BAS-300G-01A

Model	Lock stitch	Double hook	Sewing area	Stitch length	Thread trimmer	Thread wiper	Max sewing speed	Air consumption
BAS-300G	★	2	130×60mm	0.05 - 12.7mm	★	★	2,700 sti/min	1.71 l/min

BAS-300G	
Sewing machine	Lock stitch pattern tacking sewing machine (with double-capacity hook)
Stitch form	Single needle lock stitch
Max. sewing speed	2,700 sti/min
Sewing area (X x Y)	Max.130×60 mm
Feed mechanism	Intermittent feed (pulse motor drive)
Stitch length	0.05 - 12.7mm
Max. number of stitches	20,000 stitches per pattern
Work clamp drive	Pulse motor drive / Pneumatic drive
Work clamp lift amount	-0□S: Max. 25 mm -0□A: Max. 30 mm
2-step work clamp	-0□S: Unit work clamp -0□A: Separate work clamp
Height of stepping presser foot	22 mm
Stepping presser foot stroke	0 or 2 - 10 mm (Factory setting: 3 mm)
Hook	Double-capacity shuttle hook (Standard capacity hook: Option)
Thread wiper	Standard equipment
Thread trimmer	Standard equipment
Data storage media	Flash memory (Sewing patterns can be added using CF card) 3.5 floppy disk 2HD/1.44MB, 2DD (option)
Motor	AC servo motor 550W
Weight	Machine head: Approx. 88 kg Operation panel: Approx. 0.6 kg Control box: 14.2 - 16.2 kg (depending on destination)
Power supply	Single phase 100V / 220V, 3-phase 200V/220V/380V/400V 400VA
Air pressure/consumption	0.5 Mpa 1.7 l/min

* Thread counts are for reference. Please consult your local Brother sales office for details.

Product specifications are subject to change for improvement without notice. Please read instruction manual before using the machine for safety operation.

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