

Automatic lockstitch pocket welt sewer

BAS-6150

- Improved productivity through shorter cycle time and double-capacity rotary hook
- Pulse motor-driven, high-precision corner knife
- Upper side feed mechanism is ideal for full-length garments
- Smooth threading thanks to an opening-type face plate



(with optional parts)

A general-purpose pocket welt sewer that gives high productivity and excellent cost performance

Greater productivity

Cycle time has been reduced.

The maximum sewing speed has been increased to 3,000 rpm. In addition, the adoption of a direct-drive motor makes machine starting-up time quicker.

Double-capacity rotary hook has been adopted.

This reduces the frequency of bobbin replacements.

Multi program can be stored.

10 different patterns can be programmed, and sewing can be carried out as soon as a pattern is selected. In addition, up to 5 patterns can be combined for cycle sewing, giving even greater productivity.

Productivity data

Without flap → **2,300** pockets

With flap → **1,800** pockets

(Seam length: 150 mm, Stitch length : 2.4 mm, 8-hour working shift, Allowance : 25%)



Attractive pocket welt sewing

High corner knife positioning accuracy

A pulse motor is used to control corner knife. The knife position can be adjusted in units of 0.1 mm. This allows the knife position to be adjusted with optimum accuracy for the material and the type of article being sewn, thus increasing the finished quality. (Adjustable corner knife is available as an option.)

No unevenness in seam length

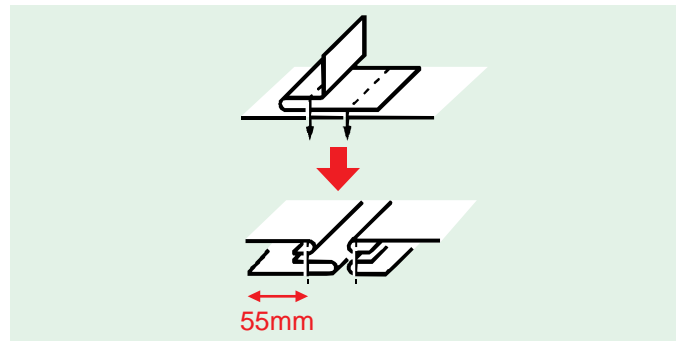
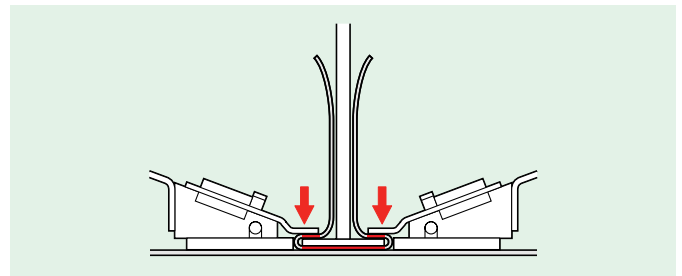
A software which synchronizes the needle and the feed mechanism has been adopted. This greatly increases the finished quality by preventing unevenness in the sewing pitch, and also by the needle might not break or the material might not be damaged.

No welt slippage

A folding plate which presses down from top has been adopted, so that materials can be held securely. There is no worry that the pocket welt will slip.

Increased design width

Wider welts can be sewn, so that the range of applications has increased to include articles such as slacks.



Improved ease of operation and greater work efficiency

Setting of full-length garments is now easier

Because an upper side feed mechanism has been adopted, the feed mechanism is above the work table and so is not obstructed by anything on the work table. So that long articles such as overcoats can be set in place with particular ease.



Easy-to-thread

An opening-type face plate has been adopted, so that threading can be carried out more easily.

No folding plate adjustment required

A crank-type folding plate has been adopted, so that no adjustment is required even if the thickness of the material changes.



Long-life marking light

A LED lamp (light-emitting diode lamp) has been used as the marking light. As a result, the marker does not become hot, and so it uses less power and its life is extended.

Options

Flap presser

The flap presser is used for sewing flaps simultaneously. It includes material edge sensors which detect the leading and trailing edges of the flap, so that the sewing start and sewing end positions can be calculated from the length of the flap. Sewing can therefore be carried out automatically just by positioning the flap. In addition, the sensors use visible light, so that gauge replacement and positioning operation can be carried out easily.



Bobbin thread sensor

This uses a special bobbin equipped with an optical sensor to detect the amount of lower thread remaining. When the amount of lower thread remaining drops below a specified limit, a message appears on the operation panel display. This eliminates the worry of having the lower thread run out during sewing.



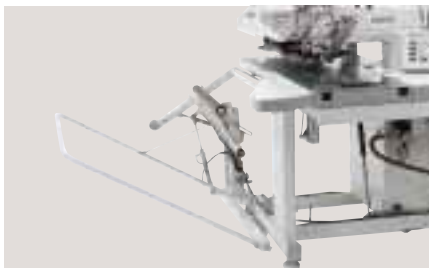
Upper thread breakage detector

This tells you if the upper thread breaks.



Bar stacker

This is used to stack the finished sewing articles.



Bottom feeder

These provide accurate feeding of materials with no slipping, even for those materials that are difficult to feed.



Darts stretcher *

This presses one side of the material and can be stretches the darts.



Roller stacker *

This feeds short articles that do not reach the edge of the table. It can be used in combination with the bar stacker to stack the articles.



Air gun

This is used when doing maintenance.



Waist presser *









This presses waist and can be stretches the material. This is used for sewing trousers.

Suction device *

This uses air to hold the material. It prevents material from slipping when sewing articles are overlapping. In addition, it is also useful for preventing overlapping articles from sliding off the work table.

* The air manifold, 5 with box which is sold separately is required.

Specifications

Model	 Lock stitch	 2-needle	 Double hook	 Medium materials	 Center knife	 Thread trimmer	 Max. sewing speed	 Air consumption
BAS-6150	★	★	★	★	★	★	3,000 rpm	0.5 Mpa 10 l/min

Types of welting	Parallel double welting, Parallel single welting (with flap, without flap)
Needle gauge	8,10,12*,14,16,18,20 mm (*12 mm is standard.)
Minimum seam length	30 mm (when center knife is ON) 15 mm (when center knife is OFF)
Maximum seam length	220 mm (standard) 250 mm (special order)
Stitch length (standard pitch)	2.4 mm standard (1.8 - 3.4 mm)
Stitch length (backtack pitch, condence)	1 mm standard (0.4 - 2.0 mm)
Stitch length (backtack pitch, V/N backtack)	1mm standard (0.8 - 3.4 mm)
Sewing speed	Max. 3,000 rpm (3,000 rpm, 2,800 rpm, 2,500 rpm, 2,200 rpm, 2,000 rpm, 1,800 rpm, 1,500 rpm, 1,200 rpm, 1,000 rpm, 800 rpm, 500 rpm, 200 rpm)
No. of program	10 (copying possible)
No. of cycle program	5 (4 programs per cycle, intermediate stacker operation possible)
Bobbin thread counter	0-999 (disable when remaining amount detection device in use)
Sensor check function	Display of conditions of sensors, switches, etc
Needle	Mt × 190 #16 (#14-#18)
Power supply	3-phase 200 V, 220 V, 380 V, 400 V, 415 V 600VA
Machine dimensions	1,010 W × 1,350 D × 1,200 H mm (stacker is not included)
Weight	225 kg

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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