

Original Design Flatbed  
Single Step Zigzag  
Chainstitch  
**53100**



53100B




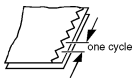


## OPERATIONS & SUBCLASSES



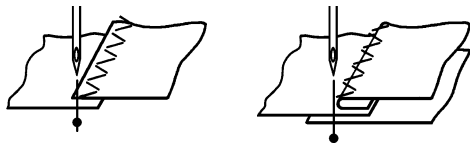
- **Lapseaming operations on light to medium weight fabrics—53100 styles**  
Single needle, single step zigzag stitch for a variety of garments

# SPECIFICATIONS

Model No.	53100A	53100B / 53100C
Needle	163GAS070/027~125/049 standard 090/036	110GAS090/036~125/049 standard 110/044
Material Weight	light to medium	
Stitch Length Adjustment	by adjusting screw	
Needle Bar Stroke	30.5mm	
Lubrication	automatic	
Lubricating Oil	Union Special Spec 175 (ISO grade 22)	
Stitch Type	404	
Seam Type	LSa-1	LSb-1 (mod.)

					
<b>53100A</b>	1	2	1.6~2.8 (1.8 standard)	8mm	4000 RPM
<b>53100B</b>	1	2	1.8~2.8 (2.1 standard)	8mm	4000 RPM
<b>53100C</b>	1	2	1.8~2.8 (2.1 standard)	8mm	4000 RPM

# Original Design Flatbed Zigzag 53100 Styles



## 53100A

One needle, two thread, single step zigzag machine with medium throw and plain feed, without a puller. For attaching lace or trim to nightgowns, slips, and similar items made of light to medium weight knit or woven fabrics. Also for seaming panels on girdles and similar two-way stretch foundation garments.

## 53100B

One needle, two thread, single step zigzag machine with medium throw, plain feed and a driven upper roller feed. For attaching pre-made waistband linings to slacks and skirts, creating a hand-felled appearance. Provided with Folder 23450L, which leads linings in from the right side. Folder accepts 32-102mm width pre-made lining, and adjusts to sew a 3-19mm heading to the left of the needle. Plain or gripper type (with braided rubber) waistbands may be sewn.

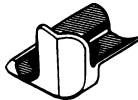
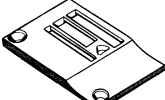
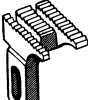


## 53100C

One needle, two thread, single step zigzag machine with medium throw, plain feed and a driven upper roller feed. For attaching pre-made waistband linings to slacks and skirts, creating a hand-felled appearance. Without a folder.

# SEWING PARTS



STYLE	 PRESSER FOOT ASSEMBLY	 THROAT PLATE	 FEED DOG
53100A	53120C	53124A	53105A
53100B	53130B	53124B	53105B
53100C	53130B	53124B	53105B

# DEVICES & ATTACHMENTS



## INSTALLATIONS



Use this chart to choose the correct table top for 53100 machines. Table top dimensions are 51cm x 122cm.

Model No.	Table Board Part Number	Table Board Description
53100A	21371SL48	Semi-Submerged
	21371VD48	Fully-Submerged
53100B 53100C	21371SL48	Semi-Submerged
	21371TK48	Fully-Submerged

## ADDITIONAL INFORMATION



## HOW TO ORDER

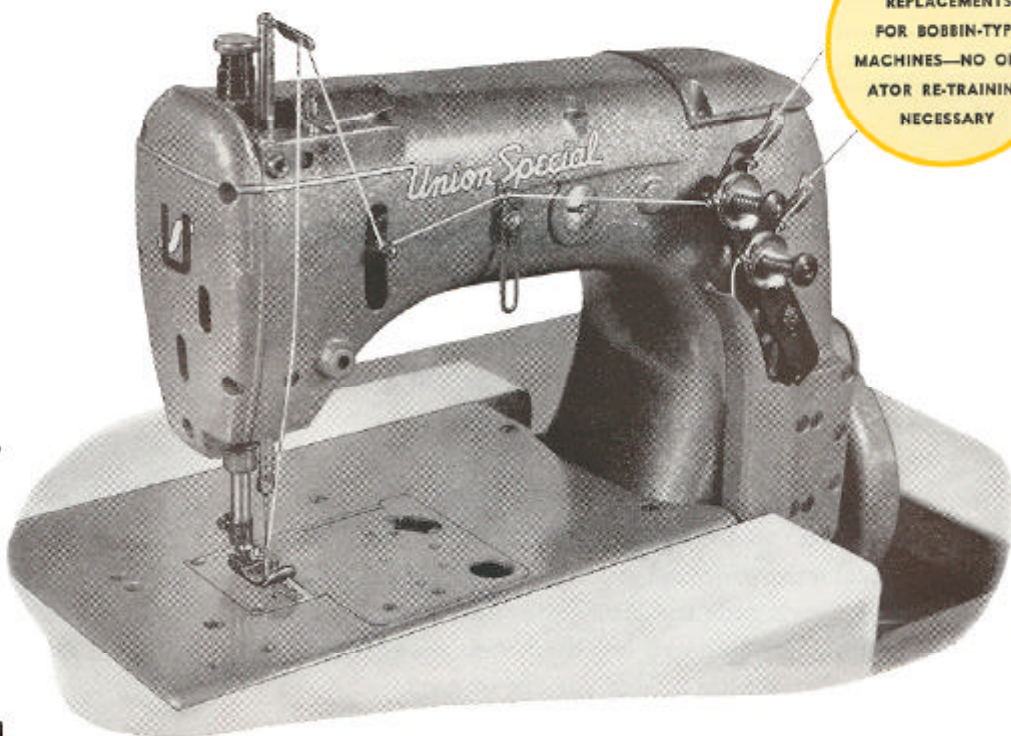


# BOBBINLESS ZIG-ZAG STITCH MACHINE

STYLE 53100 A

For Attaching  
 Lace and Trim  
 To Slips,  
 Nightgowns,  
 Panties,  
 Foundations, Etc.

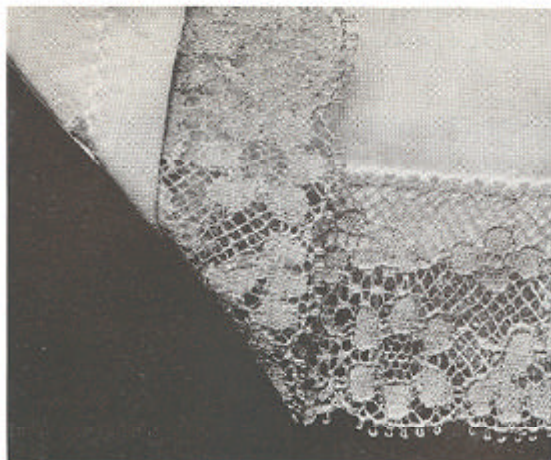
- **No Bobbin to Change**
- **Top Quality Work**
- **High Speed**
- **Fast Acceleration**
- **Increased Production**
- **Improved Seam Elasticity**
- **Automatic Lubrication**
- **No repairs or re-stitching due to bobbin "run-out"**



STYLE 53100 A is a plain feed, single-needle, zig-zag stitch machine especially designed for attaching lace to nightgowns, slips, and panties made from light to medium weight knit and woven fabrics of cotton, nylon, dacron and similar materials. It is recommended also for hemming panels on two-way stretch foundations, and for purl edge stitching on children's knit undergarments. Needle zig-zags up to 1/8 inch.

## SPECIFICATIONS

Stitch Type .....	404
Stitch Range .....	9-16 S.P.I.
Standard Setting .....	14 S.P.I.
Zig-Zag set at .....	3/32 inch
Needle zig-zag up to .....	1/8 inch
Maximum Speed .....	5000 S.P.M.
Installation .....	Semi-Submerged, Fully-Submerged



Sample showing lace attached with Style 53100 A.

**ZIG**  
**ZAG**  
**FLATBEDS**



53100B

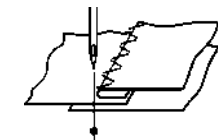
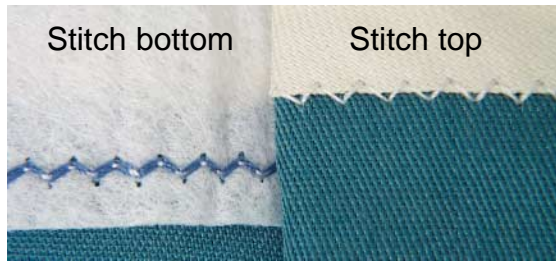
Double Locked Stitch Machines  
for Attaching Pre-Made Waistband Linings  
to Tops and Waistbands of Trousers, Skirts and Slacks



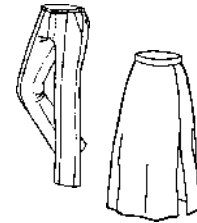
- High Quality Seam
- Enclosed Mechanisms
- Top Roller Feed
- No Bobbin
- Automatic Lubrication

# Zig Zag Double Locked Stitch Machines

## 53100B 53100C



Stitch/seam:  
404 LSb-1 modified



*STYLES 53100B* and *53100C* are single-needle, two-thread, flatbed, zigzag stitch machines with plain feed for attaching pre-made waistband linings to tops and waistbands of trousers, skirts, and slacks. The presser foot is designed with a guide on its left side for guiding the top ply of the waistband lining under the center of the needle hole.

Some features of these machines:

- A clutch-driven upper roller helps produce a flatter seam
- A lightweight presser bar and needle bar driving mechanism allow fast acceleration and high-speed operation
- Needle zigzag is adjustable from a straight line to  $\frac{1}{8}$ " (3.2mm)
- The needle bar drive mechanism is fully enclosed within the machine head, and driven from a cam enclosed in an oil bath
- An automatic, filtered lubrication system

*STYLE 53100B* is fitted with a folder designed to lead the lining in from the right; waistband lining comes from a roll. The folder is adjustable for  $1\frac{1}{4}$ " (31.8mm) to 4" (101.6mm) prepared waistband lining and is adjustable to obtain a  $\frac{1}{8}$ " (3.2mm) to  $\frac{3}{4}$ " (19.0mm) heading on the canvas to the left of the needle. The folder will handle plain waistbands or gripper type having rows of braided rubber.

53100B



53100C is the same as 53100B,



except without folder

1 163GAS	2	1.6 to 2.8 mm	9 to 16	8mm 5/16"	plain, with roller	light to medium	adjustable 0 - 3.2mm 0 - 1/8"	4000 SPM

# JUKI

## Union Special

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