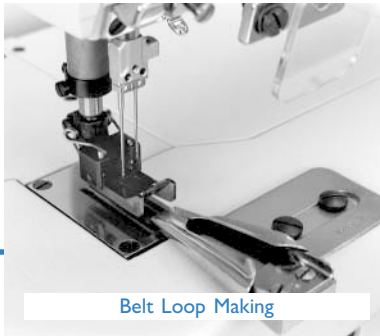


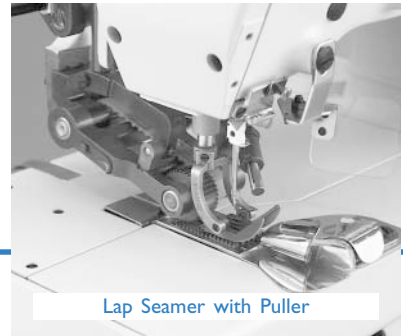
Multi-Needle Chainstitch FS300 Series



Pocket Facer with CCI Chain Cutter



Belt Loop Making



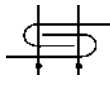
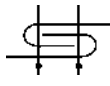
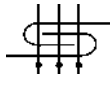
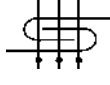
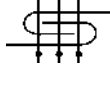
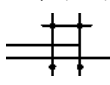
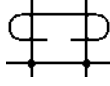
Lap Seamer with Puller

JUKI
Union Special

This **NEW GENERATION** of high speed multi-needle flat bed machines offers the performance and reliability required to produce high quality seams and perfect stitch formation. They combine the proven features of the famous 50000 Series with the latest developments and engineering skills to set a new standard of sewing performance.

All machines are **high capacity**, with a **totally enclosed feed and looper drive mechanism**, **inverted slider crank needle bar drive**, and an **automatic pressurized lubrication system** with replaceable filter that's easily accessible. Styles are available with "Tractor" type presser feet, Air Klipp® Chain Cutter and pneumatic presser foot assist—for the sewing versatility needed in today's marketplace.

The new FS300's — high speed multi-needle flatbed machines for two and three needle true double lap seaming, pocket facing, and belt loop operations on jeans, overalls, jackets, coveralls, windbreakers and similar garments. With the proven features of the famous 50000 Series and latest developments and engineering skills, they set the new standard of sewing performance.

Machine Style & Features	Application	Seam	Fabric	Stitch Length Range	Maximum speed*
FS311L51-2H 64 (6.4mm, 1/4", 16ga.) 64/CC2 (with pneumatic power Air Klipp® Chain Cutter) FS311L51-2H 72 (7.2mm, 9/32", 18ga.) 72/CC2 DOUBLE LAP SEAMER-Two needle, plain feed, high capacity, "Compact Tractor" type presser foot, chaining parts, and double lap seam folder with 3/32" (2.4mm) capacity.	Attaching risers to denim jeans, bibs and overalls; piecing sleeves to jackets and similar garments	401LSc-2 	Medium to heavy denim	7-14 SPI (10 Std.) 1.8-3.6mm	6000 SPM
FS311L52-2H 64 (6.4mm, 1/4", 16ga.) 64/CC2 (with pneumatic power Air Klipp® Chain Cutter) FS311L52-2H 72 (7.2mm, 9/32", 18ga.) 72/CC2 DOUBLE LAP SEAMER-Two needle, plain feed, high capacity, "Tractor" type presser foot, flat chaining sewing parts, and double lap seam folder with 3/32" (2.4mm) capacity.	Lap seaming on denim jeans, jackets, coveralls, coats, overall bibs and similar garments	401LSc-2 	Medium to heavy denim	7-14 SPI (10 Std.) 1.8-3.6mm	6000 SPM
FS311L52-3H 32 (3.2mm, 1/8", 8ga.) 32/CC2 (with pneumatic power Air Klipp® Chain Cutter) FS311L52-3H 36 (3.6mm, 9/64", 9ga.) 36/CC2 DOUBLE LAP SEAMER-Three needle, plain feed, high capacity, "Tractor" type presser foot, flat chaining sewing parts, and double lap seam folder with 1/8" (3.2mm) capacity.	Lap seaming denim jackets, wind breakers, mackinaws and similar garments	401LSc-3 	Medium to heavy denim	7-10 SPI (8 Std.) 2.5-3.6mm	6000 SPM
FS311L53-3H 32 (3.2mm, 1/8", 8ga.) 32/CC2 (with pneumatic power Air Klipp® Chain Cutter) FS311L53-3H 36 (3.6mm, 9/64", 9ga.) 36/CC2 DOUBLE LAP SEAMER-Three needle, plain feed, high capacity, "Tractor" type presser foot, stepped chaining sewing parts, and double lap seam folder with 1/8" (3.2mm) capacity.	Lap seaming denim seat seams, jeans, overalls, jackets and similar garments	401LSc-3 	Medium to heavy denim	7-10 SPI (8 Std.) 2.5-3.6mm	6000 SPM
FS316L63-3H36CC2PA1Z2 (3.6mm, 9/64", 9ga.) DOUBLE LAP SEAMER-Three needle, plain feed, high capacity, stepped chaining sewing parts, close-coupled toothed roller puller, pneumatic power Air Klipp® chain cutter, pneumatic assisted presser foot and roller lift, and double lap seam folder with 1/8" (3.2mm) capacity.	Lap seaming denim jeans, overalls, jackets and similar garments	401LSc-3 	Medium to heavy denim	7-10 SPI (8 Std.) 2.5-3.6mm	6000 SPM
FS311L41-2H64Z4 (6.4mm, 1/4", 16ga.) FS311L41-2H64CC1Z3 (with pneumatic power Air Klipp® Chain Cutter) POCKET FACING-Two needle, plain feed, high capacity, with keel guide on presser foot, and pneumatic presser foot lift.	Attaching facings to pocket linings on jeans and similar garments with two rows of 401 stitch with top cover thread.	602(mod.) LSbj-1(mod.) 	Light to medium	8-16 SPI (8 Std.) 1.6-3.2mm	5500 SPM
FS321J01-2A44Z1 (4.4mm, 3/16", 12ga.) FS321J01-2A60Z2 (6.0mm, 15/64", 15ga.) BELT LOOPS-Two needle, plain feed, high capacity, yielding presser foot, and belt loop folder. FOLDER: 44Z1 takes a 11/16" (17.5mm) strip & finishes to 1/4" (6.4mm). 60Z2 takes a 7/8" (22.2mm) strip & finishes to 3/8" (9.5mm).	Making belt loops from pre-cut strips	406EFh-1 	Medium to heavy	9-16 SPI (12 Std.) 2.1-2.8mm	6000 SPM

* Depending on operation



FEATURES

- High Capacity
- Improved Internal Lubrication
- Variety of Presser Feet Available
- Power Air Klipp® Available
- Inverted Slider Crank Needle Bar Drive

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 Union Special Machine Company,
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If your feed-off-the-arm jeans machine has a puller, why doesn't your flatbed jeans machine have one, too?



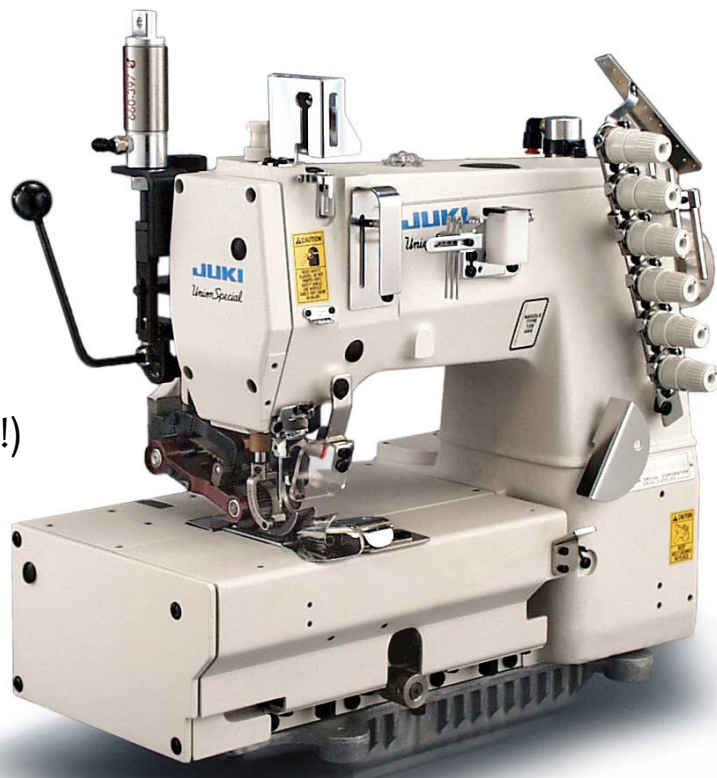
Evenly feed riser and seat plies with a new puller-assisted flatbed lapseamer from **Union Special**
Finest Quality Industrial Sewing Equipment

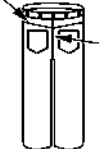
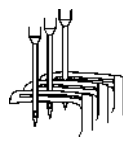

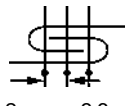

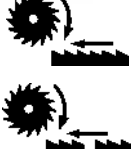


Let the machine do the work instead of the operator

WHY HAVE A PULLER?

Because a rear, upper belt-driven roller puller

- ✓ Makes matching plies easy
(No more trimming uneven risers!)
- ✓ Improves chain-off ability
(Better looking garment)
- ✓ Facilitates feeding
(Reduces operator fatigue)



			401 LSc-3  3.2mm or 3.6mm	 7-10 SPI 2.5-3.6mm			 6000 max.
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Three-needle flatbed chainstitch styles for



lapseaming jeans risers and seats

General description: Flatbed, three needle, six thread 401 stitch machine with high throw. For double lap seaming operations on overalls, jeans, jackets and similar garments of medium to heavy weight materials.

Standard Features: rear, upper belt-driven roller puller, CC2 pneumatic Air-Klipp® chain cutter, PA1 pneumatic lift for the presser foot and puller, needle cooler, and 1/8" (3.2mm) capacity spring-loaded double lap seam folder. *All styles are available without CC2 or PA1 work aid attachments.*

Stitch length range: 7-10 SPI (2.5-3.6mm), set at 8 SPI (3.2mm). **Needle:** 128GAS140/054.

Needle gauges: 3.2 or 3.6mm (1/8" or 9/64") - 6.4 or 7.2mm (1/4" or 9/32") with center needle removed.

FS3 I5L63-3H $\frac{32}{36}$ /CC2/PA1	Differential feed machine with .070 (1.8mm) step sewing parts.
FS3 I6L61-3H $\frac{32}{36}$ /CC2/PA1	Plain feed machine with flat (no step) sewing parts.
FS3 I6L62-3H $\frac{32}{36}$ /CC2/PA1	Plain feed machine with .040 (1mm) step sewing parts.
FS3 I6L63-3H $\frac{32}{36}$ /CC2/PA1	Plain feed machine with .070 (1.8mm) step sewing parts.
FS3 I6L63-3H 48 /PA1	Same as FS3 I6L63-3H36, except 4.8mm needle gauge, and no chain cutter.



Benefits for increased production/reduced labor on these flatbed felling machines include

- ✓ Differential feed (FS315) makes matching plies easy
- ✓ A rear, upper belt-driven roller puller improves feeding and relieves operator effort
- ✓ Air-Klipp® chain cutter for clean appearance at beginning and end of seam
- ✓ Pneumatically assisted lift for the presser foot and roller
- ✓ Needle cooler reduces thread breakage

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www.unionspecial.com

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Union Special Machine Company

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