

## MO-3500

2-Needle, 2/3/4-Threads, Differential Feed Overlock with Automatic Thread Supply and Easy Threader



## MO-3500 Sumato

1st in the World, Chain-off Thread Cutter



With the MO-3500 Sumato,  
sewing will never  
end up being a hobby.

**Stitch Patterns**

With the MO-3500 Sumato, you can produce exquisite handicraft works using its wide variety of sewing patterns.

4-Thread Overlock  
Uses 2 needles and 4 threads to securely sew together knitted fabrics.

3-Thread Overlock  
This stitch prevents fabric from fraying.

2-Thread Overcast  
Simply sew fabric edges with 2 threads to prevent fraying.

3-Thread Rolled Hem  
The fabric edge is rolled, then covered with thread.

3-Thread Narrow Overlock  
The fabric edge is rolled, then sewn with very narrow overlocking.

Frill 3-Thread Rolled Hem With Diff. Feed  
Uses 3-thread rolled hemming and the differential feed on stretch fabrics to create richly designed articles.

2-Thread Flatlock  
Use this stitch as an accent on clothes, interior items and accessories.

**Optional Attachments**

Blind Stitch Presser Foot Part No.40267374	Universal Blind Stitch Presser Foot Part No.40149058	Elasticator Presser Foot Part No.40267375	Cording Presser Foot Part No.40138099	Beading Presser Foot Part No.40138106
Curved Beading Presser Foot Part No.40149059	Piping Presser Foot Part No.40138103	Gathering Presser Foot Part No.40138121	Clear Presser Foot Part No.40267376	

## MO-3500 Standard Specifications

Number of threads	2/3/4 threads
Needles	SCHMETZ 130/705 H or JLx2
4 thread overlock	5.5 ~ 7.5 mm
Seam width	Left needle 5.5 ~ 7.5 mm, Right needle 3.5 ~ 5.5 mm
Rolled hem	2 mm
Stitch length	0.7 ~ 4 mm (Standard 2.5 mm)
Differential feed	0.7 ~ N (1) ~ 2.0
Presser foot lift	6 mm
Sewing speed	Maximum 1,500 spm
Light	2 LED lights



Wide Table | Part No.40266709

JUKI®

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JUKI ECO PRODUCTS

This is an eco-friendly product which complies with JUKI ECO PRODUCTS standards for protecting the environment.



The sewing machine complies with the "JUKI Group Green Procurement Guidelines" on the use of hazardous substances, which is stricter than other restrictions, such as those of the RoHS Directive.

For details of JUKI PRODUCTS, refer to: [https://www.juki.co.jp/eco\\_e/index.htm](https://www.juki.co.jp/eco_e/index.htm)

\*The RoHS Directive is an EU Directive limiting the use of 6 hazardous substances (lead, hexavalent chromium, mercury, cadmium, PBB and PBDE) in electrical and electronic equipment. The Juki Green Procurement Guideline is the voluntarily established criteria to eliminate not only the aforementioned six substances, but also other ones which adversely affect the environment.

JUKI CORPORATION holds the rights to change technical specifications without prior notice. 2210 (F)

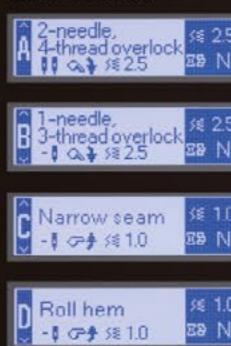
Thread tension adjustment and threading made easy with new features!

#### Automatic Thread Supply



Looper thread tension can be finely adjusted by turning the knob.

#### LCD Screen



Only by setting the stitch changeover knob to one of A through D, the needle that matches the selected stitch type and setting information for adjustment knobs are displayed.

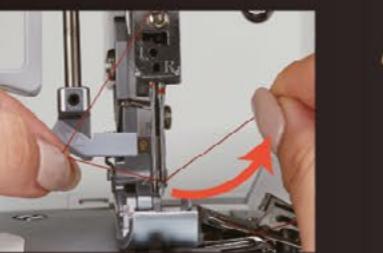
The overlocker beautifully sews various stitch types such as overcasting and rolled hemming only by turning the stitch changeover knob to select the stitch type you want to sew. With the automatic thread supply that enables one-touch setting of thread tensions of four threads (upper and lower looper threads, right needle thread and left needle thread), the joy and efficiency of sewing will be greatly increased.

#### Easy Threader (Upper/lower looper threads)



Using the easy threader feature, easily thread the machine from the threading hole to the looper hole with the power of a strong whoosh of air sent from the electric motor. This amazing function makes it fast and easy when threading the upper and lower loopers.

#### Automatic Needle Threader (Right/left needle threads)



Even for the needle thread, overlocker users may want quick threading. With the automatic needle threader, threading is a breeze.

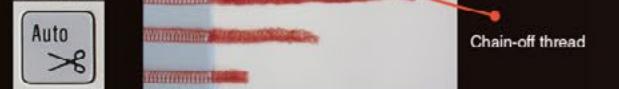
#### JUKI's evolving original features.

##### Chain-off Thread Cutter



Chain-off thread can be cut without using a pair of scissors. In addition to the manual cutting of chain-off thread with the handy cut button or the foot switch, automatic cutting is also possible by setting the chain-off thread length.

##### Auto Mode



The automatic chain-off thread cutting length can be set in 10 steps (from approximately 1 cm to 10 cm).

##### Micro-Lifter



When using the micro lifter, it is possible to carry out sewing with the presser foot lifted up to 2.5mm. Elastic materials and delicate materials can be sewn beautifully with the presser foot lifted slightly.

(A) Used this function

(B) Not used this function

Beautiful in appearance and easy to use. The overlocker takes your sewing to new heights.



MO-3500

Sumato



You can watch the operation support video.

##### ■ Specifications

Dimensions 350(W) x310(D) x 340(H)mm  
Weight(Machine Only) 11.2kg

Provided with the foot controller with separate foot switch functions, the knee-lifting lever and the soft cover.

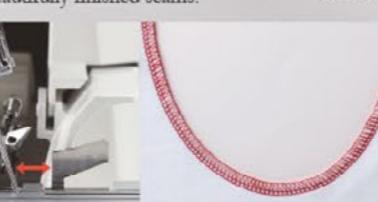
##### ■ Other Features

- Adjustable presser foot pressure
- Option to deactivate upper knife
- Safety feature preventing operation when the presser foot is upper position or the cover is open.
- Thread trimming blade
- Waste collector

High performance leads to reliable quality.

##### Inner Curve Sewing

The distance between the knife and the needle is 9.95 mm, that is the industry's smallest level of the knife-to-needle distance. With the supplied curve foot, you can handle the curved portions of the material smoothly and produce beautifully finished seams.



##### 2-/3-Thread Conversion



It is possible to change over the stitch type to 2-thread sewing by pushing the 2-/3-thread changeover attachment to the left.

##### Adjustable Stitch Length/Differential Feed



Stitch length can be adjusted externally with ease even during sewing by means of the stitch length adjustment dial. Elastic materials can be finished beautifully by adjusting the differential feed adjustment dial. Differential feed can be adjusted even during sewing.

Specifications designed with full consideration for you.

##### Wide Throat Area



The height of the throat is 68mm. Due to this height, the usability of the work space improved infinitely.

##### Bright Workspace



The workspace is brightly illuminated with LED lights mounted at two locations. The long-life and energy-efficient LED lights will not heat up even when used continuously for a long period of time.

##### Light Control Function



In addition to brightness, color temperature of the LED lights can also be adjusted between daylight color and soft white color. The LED light adjustment functions can also eliminate viewing difficulties caused by the combination of certain fabric and thread colors.

##### Magnet Needle Tray



This tray is useful as a place to temporarily put a needle when changing over the sewing method from the 2-thread sewing to 1-thread sewing, or when changing the needle.

##### Tractor Foot



This foot smoothly rides up and down from the multi-layered part of the material while preventing stitch skipping at that part. Use the tractor foot for joining collars, shoulders, bottoms and sleeve cuffs.

##### Multi-Purpose Foot



Since the standard presser foot has a hole for attaching a tape, The overlocker is able to sew the material while inserting the stay tape.

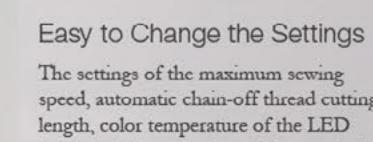
##### Storage of Accessories



Accessories such as tweezers and a screwdriver can be stored inside the looper cover.

This overlocker can be operated by hand or foot.

##### NEW



Easy to Change the Settings  
The settings of the maximum sewing speed, automatic chain-off thread cutting length, color temperature of the LED lights, and the operation of the overlocker when operated with the foot switch can be changed with ease by means of the LCD screen and operation buttons.

##### Knee-Lifting Lever



##### Foot controller with separate foot switch functions

