JUKI ECO PRODUCTS	The MF-3620 is an eco-friendly product which complies with JUKI ECO PRODUCTS standards for protecting the environment.
JUKI ECO PRODUCTS	● 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 ECO PRODUCTS, refer to: https://www.juki.co.jp/en/company/eco *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 also adversely affect the environment.

JAB CM001

EMS ISO14001 JSAE389

Registered Organization: JUKI CORPORATION Head Office
The Scope of the Registration: The activities of research, development, design, sales, distribution, and maintenance services of industrial sewing machines, household sewing machines and industrial robots, etc., including sales and maintenance services of data entry systems.

JUKI CORPORATION
SEWING MACHINERY & SYSTEMS BUSINESS UNIT

2-11-1, TSURUMAKI, TAMA-SHI,
TOKYO 206-8551, JAPAN
PHONE: (81) 42-357-2370
FAX: (81) 42-357-2274
https://www.juki.co.jp/en

✻ Specifications and appearance are subject to change without prior notice for improvement.
✻ Read the instruction manual before putting the machine into service to ensure safety.
✻ This catalogue prints with environment-friendly soyink on recycle paper.
✻ Paper from responsible sources **FSC™ C001712**

APRIL, 2020 Printed in Japan(TN)

MF-3620 Series

4-needle, Feed-off-the-arm, Flatseamers, Top and Bottom Coverstitch Machine

JUKI ECO PRODUCTS

The sewing machine is provided with various functions for easier use and an increased sense of safety to achieve beautifully finished seams with consistency.

MF-3620L201-B60B

MF-3620 Series

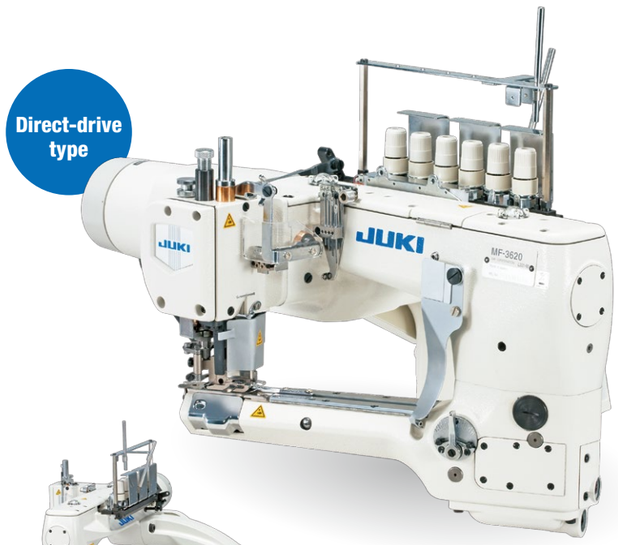
4-needle, Feed-off-the-arm, Flatseamers, Top and Bottom Coverstitch Machine

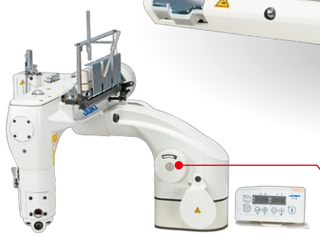
MF-3620 Series

4-needle Flatseamer to prove JUKI's original safety and ingenuity.

Create beautiful seams on underwear, fleece wear, swimsuits, even on new materials.

The sewing machine is provided with various functions for easier use and an increased sense of safety to achieve beautifully finished seams with consistency. The sewing machine prevents oil leakage. As a result, stain removal work is no longer required to allow the sewing machine to maintain increased productivity.



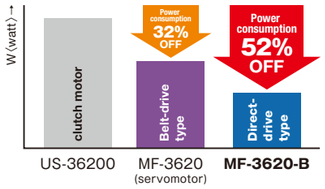


A mounting base for the direct-drive type machine head is provided as standard with a hand pulley.

A direct-drive type model has been added.

A servomotor is installed on the machine head for adopting the direct-drive mechanism. The power consumption has been reduced by approximately 52 % as compared with the conventional model. Since the sewing machine provides superb responsiveness, the material can be controlled as desired when sewing a curve part. In addition, the belt-drive type sewing machine (when a servomotor is used) has also had its power consumption reduced by 32 %.

Power consumption



*When the sewing machine availability factor is 25%.

Oil leakage is prevented.

Flame The frame is shielded and equipped with mechanisms for micro-quantity lubrication and JUKI's unique forced oil circulation. The thread take-up mechanism arranged on the outside of the arm prevents the entry of oil splashes and dust.

Looper section The MF-3620 is also configured with JUKI's unique oil-thrower mechanism to protect the looper section from oil infiltration. Excess oil is speedily reclaimed via the new oil groove.

The sewing machine is provided as standard with a micro-lifter.

Elastic materials or delicate materials can be sewn with the presser foot slightly raised from the start to the end of sewing, thereby reducing material slippage and damage.

The overlapped amount of the materials is adjustable by means of a presser foot shoes. (L200 type)

For the both-side trimming type machine (L200), the finished overlapped amount of the materials may not be sufficient depending on the characteristics of the material. In such a case, the overlapped amount of the materials can be adjusted by means of the presser foot shoes supplied with the unit.

List of presser foot shoes

L100 One-side trimming type

Standard	Included with accessories
No. 40074521 / 40074520	No. 40074519 / 40074518

L200 Both-side trimming type

Standard	Included with accessories	Included with accessories	Standard
No. 40074706 / 40074705	No. 40074517 / 40074516	No. 40074845 / 40074844	No. 40074515

L201 Both-side trimming type (for swimsuit)

Standard	Included with accessories	Included with accessories	Option	Standard	Standard
No. 40074611 / 40074610	No. 40074517 / 40074516	No. 40074845 / 40074844	No. 40074613 / 40074612	No. 40074499	No. 40074572

L210 Both-side trimming type (1.28mm stepped special gauge)

Standard	Included with accessories	Standard
No. 40074611 / 40074614	No. 40074613 / 40074929	No. 40074499

L211 Both-side trimming type (1.00mm stepped special gauge)

Standard	Included with accessories	Standard
No. 40074588 / 40074589	No. 40074517 / 40074590	No. 40074573

Option

	For pat seam	For pat seam
No. 40074323 / 40074305	No. 40074686 / 40074685	No. 40074688 / 40074687

Designed for upgraded safety and security.

A safety cover has been provided to prevent injury by the bobbin thread cam section.

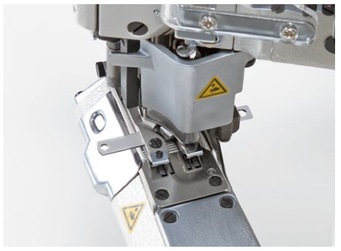
Damage by the feed dog is reduced.

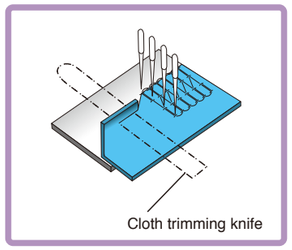
The presser foot of the flat seamer is a special one in which a cloth cutting mechanism is installed. This special presser foot has been originally designed by JUKI. The presser foot ensures a smoother feed of the material and helps reduce the load applied to the material. (In addition, the service life of the cloth cutting knife is lengthened.)

Wide selection of subclasses to respond to various applications

One-side trimming type

The sewing machine is applicable to a broad range of materials, from relatively light-weight materials such as under-wear and boxer briefs, to heavy-weight materials such as men's briefs and sweat shirts (fleece).

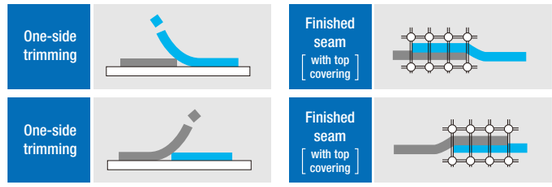




MF-3620 **L100**

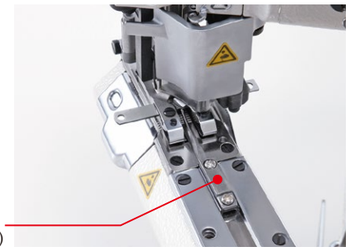
Provided with one-side trim presser foot, edge guide and spreader.

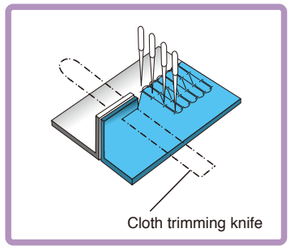
Generally, the material is cut on its right side. However, it is possible to cut the material on its left edge by installing the edge guide on the left side of the sewing machine.



Both-side trimming type

The sewing machine is applicable to light-weight materials, in particular, such as boxer briefs, ladies' shorts, underwear, sportswear, and swimsuit.

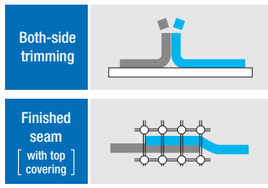




MF-3620 **L200**

Provided with both-side trim presser foot, lap former

The sewing machine sews two plies of materials by cutting their edges with the cloth trimming knife by using the presser foot for a both-side cutting lap seam. Using this function, beautifully finished seams are produced with no material edges lying outside the seams. It is recommended that this function be used when joining the crotches of ladies' shorts and sewing the side seams of underwear.

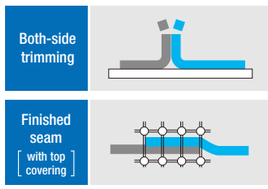


For swimsuit

MF-3620 **L201**

Provided with both-side trim special presser foot, lap former

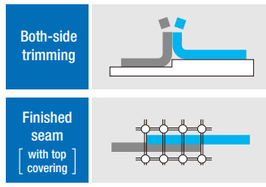
By the adoption of a special presser foot for both-side cutting lap seams, beautifully finished seams are produced without missing stitches or uneven material feed even when using elastic mate-rials. Difficult-to-sew materials which have been difficult to sew with the sewing machine are now sewn with stronger seams by increasing the material-edge lapping amount.



MF-3620 **L210**

Provided with 1.28mm stepped special gauge, both-side trim special presser foot and lap former

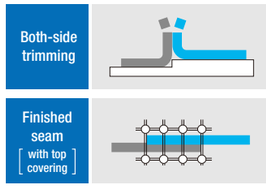
Since the machine has adopted a hinge gauge with a 1.28mm step, the machine is able to smoothly sew thick multi-layered parts of material, such as the crotches of men's briefs.



MF-3620 **L211**

Provided with 1.0mm stepped special gauge, both-side trim special presser foot and lap former

By the adoption of a gauge which has a 1.0mm step part, the taped section of boxer briefs and tank-tops can be sewn beauti-fully without stitch gathering or being stretched at the end of sewing. In addition, the increased material-edge lapping amount helps increase the strength of seams.

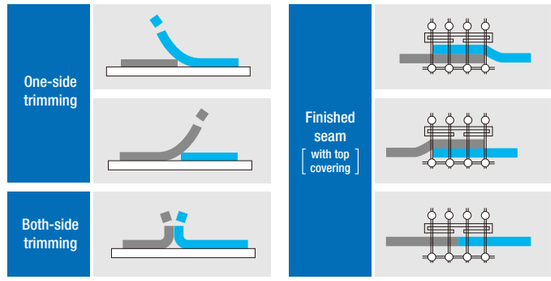


Front-placket tape attaching type

MF-3620 **T300**

Provided with a presser foot for one-side trimming and both-side trimming and a tape binder

Provided with a presser foot for one-side and both-side trimming (finished style is the butting finish). Since the machine is not intended for top covering, no spreader is required. This sewing machine is of the front-placket tape attaching type for men's briefs and thermal-insulating underwear. The folder is designed for a specified tape width of 3/4 inch (19 mm) and finished width of 3/8 inch (9.5 mm).

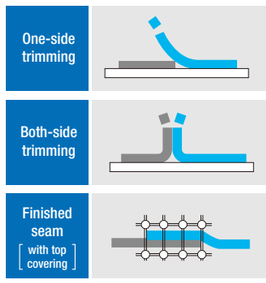


Multi-purpose one-side/both-side trimming type

MF-3620 **U300**

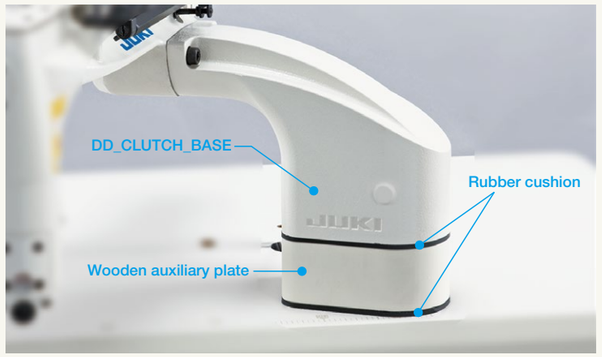
Provided with one-side/both-side trim presser foot, edge guide and lap former

It is possible to select either one-side cutting or both-side cutting according to the products to be sewn. In the case of one-side cutting, the presser foot for the single-side cutting (butt seam in the case of both-side cutting) and the edge guide have to be used. In the case of both-side cutting, the presser foot for the both-side cutting and the lap former have to be used. The sewing machine is widely applicable such as to joining the crotches of men's briefs and ladies' shorts, and sewing the side seams of swimsuits, knit shirts and T-shirts.



OPTION

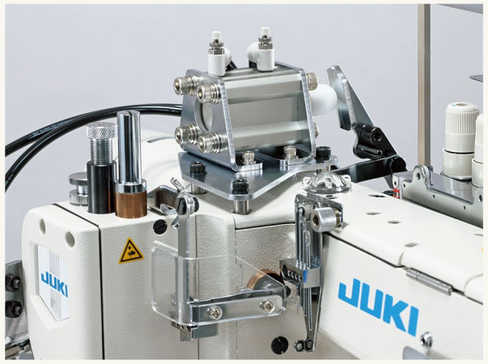
●DD_CLUTCH_BASE (Asm.): MT-05
(exclusively used for the belt-drive type machine)



The MT-05 (DD_CLUTCH_BASE asm) is required to install the belt-drive type sewing machine on the table.

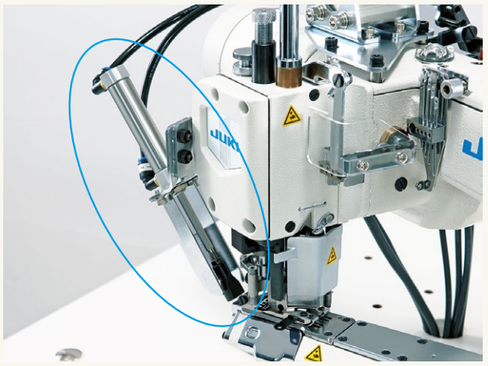
★At the placement of your order for the sewing machine, The MT-05 should also be ordered as well. The DD CLUTCH base and two rubber cushions and mounting screws are supplied with the MT-05. The wooden auxiliary plate is not included in the MT-05. The MT-05 should be ordered as a product where necessary. In addition, the wooden auxiliary plate (40074164) should be ordered together as a part.

●Pneumatic auto-lifter:
40074870



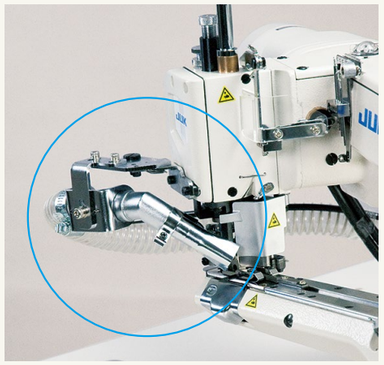
The presser foot can be lifted/lowered by depressing the back part of the pedal. This helps reduce operator fatigue, as lifting/lowering of the presser foot is frequently carried out during sewing work.

●Pneumatic chain-off thread cutter
(chopper type): 40074871



The pneumatic chain-off thread cutter is designed to cut off chain-off thread with a single touch of the knee switch.

●Pneumatic suction unit: 40074872



The pneumatic suction unit sucks up cloth chips cut off by the knife.
This helps keep a clean and comfortable work environment free from dust and debris.

★To use the three optional pneumatic devices, the regulator asm. (40003560) and pneumatic coupling (bore diameter: Rc 1/4 [for both IN and OUT]) are required. Union Φ4 should be selected for the presser foot lifter and chain-off thread trimming device. Union Φ6 should be selected for the dust collector. In addition, the regulator pressure should be set at 5 Mpa.

SPECIFICATIONS

Model name	MF-3620-B (direct-drive type)	MF-3620 (belt-drive type)
Application	Light- to heavy weight (knit)	
Stitch type (USA)	4-needle, flatseamers, top and bottom coverstitch (607)	
Max. sewing speed	4,200sti/min*	
Stitch length	1.6～2.5mm (standard 2.1mm)	
Needle gauge	5.2mm, 6.0mm	
Needle bar stroke	30mm	
Needle	FL × 118GCS (#10S) #9S~#12S	
Retainer needle	FLG-8 #8	
Lift of the presser foot	6.5mm	
Differential feed ratio	1:0.7~1:1.5	
Differential feed adjustment	By lever	
Lubrication	Automatic (frame: minute-quantity lubrication)	
Lubricating oil	JUKI New Defrix Oil No.2 (equvalent to ISO VG32)	
Power requirement/Power consumption	3-phase 200V / 300VA	–
Weight of the machine head	26.5Kg	22.5Kg

*sti/min is the abbreviation for "stitches per minute"

WHEN YOU PLACE ORDERS

Please note when placing orders, that the model name should be written as follows:

Machine head

Tongue-shape of throat plate	Code
B type	B

Needle gauge	Code
5.2mm	52
6.0mm	60

Drive system	Code
Belt-drive type	
Direct-drive type*	B

*The direct-drive type machine is supplied with a mounting base for the machine head with a hand pulley.

MF3620□△△△B△△□

Subclass			
Application	Cloth trimming knife	Specifications	Code
Lap seam	One-side trimming	**Standard model** : Provided with flat gauge, edge guide	L100
Lap seam	Both-side trimming	**Standard model** : Provided with flat gauge, lap former	L200
Lap seam	Both-side trimming	**For swimsuit** : Provided with special presser foot, lap former	L201
Lap seam	Both-side trimming	**For heavy weight materials** : Provided with 1.28mm stepped special gauge, lap former	L210
Lap seam	Both-side trimming	**For boxer briefs and tank-tops** : Provided with 1.0mm stepped special gauge, lap former	L211
Tape attaching	Common to one-side trimming and both-side triming	**For front fly tape attaching of boxer briefs** : Provided with special presser foot, tape binder	T300
Multi-purpose	Common to one-side trimming and both-side triming	**Multi-purpose model** : Provided with one-side/both-side trim presser foot, flat gauge	U300

The direct-drive type machine

Control box

SC921B□

Power supply	Code
Single-phase 100～120V	S
3-phase 200～240V	D
Single-phase 200～240V (for General Export)	K
Single-phase 200～240V (for CE)	N
Single-phase 200～240V (for China)	U

The direct-drive type machine

Operation panel

CP18B

*For the direct-drive type machine, it is necessary to purchase the control box SC-921B and the operation panel CP-18B. The functions of the operation panel CP-18B are Max. sewing speed control, the production support function (performed by foot pedal), the changes of parameters and ON/OFF of the auto-lifter (option).

● To order, please contact your nearest JUKI distributor.

Document	Catalogue (PDF)
Maker	JUKI Corporation
Maker's pages	1 to 4
Edition	Al Borj Machinery, 2026

Juki MF-3620 Series

4-needle feed-off-the-arm flatseamer

Catalogue (PDF)

Catalogue et fiche technique (PDF)

الكتالوج والمواصفات الفنية (PDF)

Product page

alborj.com/products/juki-mf-3620-series

Page 1, the first page of the maker's catalogue, reproduced unchanged.

In this catalogue

1	Front and back cover: the MF-3620 series 4-needle flatseamer and options
2	Features of the MF-3620 series
3	Models for different sewing applications
4	Options, specifications and ordering codes