

2-needle, Needle-feed/Bottom-feed, Lockstitch Machine For Foundation>

LH-3126F

The LH-3126F is the most optimally suited model for sewing brassieres. With its various capabilities such as topstitching and tape-attachment on the peripheries of bra cups, the machine flexibly responds to a wider range of sewing requirements for sewing brassieres.



Operating noise of the machine is dramatically reduced

- The operating noise produced by the hook and thread take-up lever is substantially reduced.
- With its decreased noise level and improved sound quality, the machine offers a comfortable work environment that reduces operator fatigue.
- ●The improved opener reduces the impact against the bobbin. By reducing variations of bobbin thread tension caused by the opener, irregular stitches are eliminated.

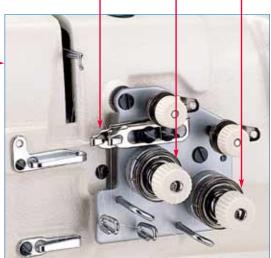
The strokes of the right and left thread take-up are separately adjustable

The machine has two thread take-up guides, one for the right thread and the other for the left thread. As a result, the strokes of the right and left thread take-ups are separately adjustable. When the right and left portions of the material differ in thickness, the strokes of the thread take-up can be accurately adjusted for the right and left threads. With this capability, the machine delivers consistently improved seam quality.

The adjustment range of the needle thread tension is widened

- ●The needle tension controller has been changed to the 1-needle, lockstitch type. The style of the thread take-up spring has been modified not only to allow the spring to work more effectively, but also to widen the needle thread adjustment range compared with that possible with the conventional thread take-up spring. The thread tension can be easily adjusted when changing the material to be sewn. In addition, the thread tension is further stabilized even when sewing under a lower thread tension.
- ●To downsize the design, the thread takeup spring is integrated with the tensionregulating knob. As a result, these parts project out less from the machine, opening up a clearer view of the area around the needle entry for easier operation. In addition, the machine offers easier threading of the needle as compared with the conventional machine head.





The machine is equipped with a hook that uses a non-rotational bobbin

- ●One available model is equipped with a newly developed a hook that uses a non-rotational bobbin for the vertical-axis hook. For the hook with a non-rotational bobbin, the bobbin is secured in the bobbin case and does not rotate as the bobbin thread feeds. This prevents variations in thread tension caused by changes in the amount of remaining bobbin thread and idling of the bobbin. With this hook and bobbin, the machine is able to use the full amount of bobbin thread and sew consistent with a lower thread tension compared with that used with the conventional hook.
- Select the type that fits your purpose. (The latch hook is exclusively designed for the LH-3126F. However, the conventional bobbin can be used with the latch hook.)

The machine type provided with a latch hook is also available.



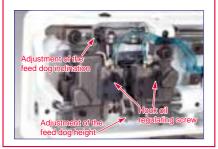
Hook with a non-rotational bobbin



Specific latch hook

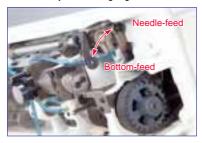
Height and inclination of the feed dog can be adjusted

Both the height and inclination of the feed dog are easily adjustable. Adjust the feed dog according to sewing conditions such as the specification, process, and material to be sewn.



The feed method can be changed over between the needle-feed and the bottom-feed

Through a simple adjustment of the machine and replacement of the gauge, the feed method can be changed over between the needle-feed and bottom-feed types. When the bottom-feed method is selected, the needle entry position can be adjusted (in the feeding direction) using the needle-feed/bottom-feed change-over mechanism. This allows the machine to flexibly adapt to commercially available gauges.



Upgraded maintainability

- When replacing the gauge, the screw in the hook-driving shaft saddle can be tightened diagonally from above to ensure safety and operability.
- The hook is lubricated automatically when adjusting the oil discharge. This helps stabilize and regulate amount of oil in the hook more effectively.



■ SPECIFICATIONS

Max. sewing speed	3,000rpm
Max. stitch length	4mm (normal / reverse feed)
Thread take-up	Slide type
Needle bar stroke	33.4mm
Lift of the presser foot	By hand : 5.5mm / By knee : 12mm
Hook (selectable)	Vertical-axis hook (regular fold) Specific latch hook or specific hook with non-rotational bobbin
Needle (at the time of delivery)	DP × 5 (#10) #9 ~ #11
Feed system	Change-over between needle-feed / bottom-feed
Lubrication	Fully automatic lubrication system by means of plunger pump
Distance from needle to machine arm	245mm
Bed size	517mm × 178mm
Weight of the machine head	43kg

OPTIONS

●Micro-lifter Part No.: 236-11056

This device can be installed on the back of the face plate. It is very convenient for frequent

use.



●Automatic reverse feed kit Part No.: 226-56854

The automatic reverse feed function device can be mounted on the machine after the setup. This device can be installed on the back of the face plate. It is very convenient for frequent use.



●Tape cutter AT-36

The tape cutter is able to cut the tape just behind the presser foot (20mm away from the needle entry point).

The cutter pressure is adjustable according to the material thickness.

●Tension-free feeder (tape feeder) V059 Part No.: MAV-059000AA

The amount of tape to be fed can be adjusted in accordance with the sewing speed of the machine. It is adaptable to processes for attaching reinforcement tape, attaching elastic tape or lace to foundation.

■ WHEN YOU PLACE ORDERS

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

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*

Feed	Code
Needle-feed	Α
Bottom-feed*	В
*For the "Bottom- feed: B," only the needle gauges B D, and F are	

applicable.

Automatic reverse feed function	Code
Not provided	00
Provided	0B

*Refer to the combination availability table.

Hook	Code	
Latch hook	S	
Hook with non-rotational bobbin	С	

LH3126F

Attachment	Code
Standard throat plate, standard slide plate, standard presser foot	1
Throat plate for tape-attachment, slide plate for tape-attachment, presser foot for tape-attachment	4*

*For the above category 4, select the feed category A (needle-feed).

Auto-	lifter	Code	
Not pro	vided	Z	
Pedal swi (AK8	tch type 9)*	Р	

*For the AK-89, select the motor compatibility category 1 (SC-910, SC-800 or EC-10B).

Combination availability table					
Automatic reverse feed function	Motor	Cluth motor	SC-910 SC-800	EC-10B	
0	Where "0" is selected		×	×	
(Not provided)	Where "1" is selected	×			
В	Where "0" is selected	×	×	×	
(Provided)	Where "1" is selected	×			

Motor*	Code
with clutch motor chronizer and c)	0
with SC-800 and EC-10B synchronizer and	1

■ Gauges installed at the time of delivery

			Needle-feed gauges					
Gauge size		size	Needle clamp	Throat plate		Presser foot		Feed dog
Code	mm	inch	Needle Clamp	Standard type	For tape attachment	Standard type	For tape attachment	(small pitch)
В	3.2	1/8	101-47650	226-25107	232-06808	226-27152	226-47051	B1613-512-B0B
D	4.8	3/16	101-47858	226-25305	B1109-512-D0B	226-27350	226-47150	B1613-512-D0B
F	6.4	1/4	101-48054	226-25503	B1109-512-F0B	226-27558	226-47358	B1613-512-F0B
G	7.1	9/32	101-48153	226-25602	B1109-512-G0B	226-27657	226-47457	B1613-512-G0B
Н	7.9	5/16	101-48252	226-25701	B1109-512-H0B	226-27756	226-47556	B1613-512-H0B
			am des			4	With swivel guide	1.4 With behind-the-needle-slot grooves

			Bottom-feed gauges				
Gau	ıge s	size	Throat plate	Presser foot	Feed dog		
Code	mm	inch	Till Oat plate	i resser root	reed dog		
В	3.2	1/8	228-45200	103-91852	232-05107		
D	4.8	3/16	228-45408	103-92058	232-05305		
F	6.4	1/4	228-45606	103-92256	232-05503		
			1.6	Needle slot 2.0 (B gauge) 2.2 (D and F gauges)	1.7		

Common gauges for needle-feed and bottom-feed		
Slide pla	te (front)	
Standard type	For tape attachment	
B1110-051-0A0	232-06709	
Bed with flat top surface		

■ Optional gauges

					Nee				
Gauge size		size	Feed dog	Rectangular feed			For light-weight materials		
Code	mm	inch	(large pitch)	Throat plate	Feed dog (small pitch)	Feed dog (large pitch)	Presser foot	Feed dog (small pitch)	Feed dog (large pitch)
В	3.2	1/8	101-08108	B1109-528-B00	101-86302	101-40804	22637656	226-35107	226-34000
D	4.8	3/16	101-08207	B1106-528-D00	101-86401	101-40903	22637854	226-35304	226-34208
F	6.4	1/4					22638050	226-35502	226-34406
G	7.1	9/32		B1109-528-G00	101-86500		22638258	226-35700	226-34505
Н	7.9	5/16					22638357	226-35809	226-34604
			1.4 With behind-the-needle-slot grooves		1.4 With behind-the-needle-slot grooves	L'I- 1.4 With behind-the- needle-slot grooves	SI-	1.4 Without behind-the- needle-slot grooves	1.4 Without behind-the-needle-slot grooves

			Needle-feed gauges
Gau	ıge s	size	Throat plate
Code	mm	inch	For tape attachment
В	3.2	1/8	226-28002
D	4.8	3/16	226-28200
F	6.4	1/4	226-28408
G	7.1	9/32	226-28507
Н	7.9	5/16	226-28606
			With tape inserting recess





JUKI CORPORATION HEAD OFFICE

- The environmental management system to promote and conduct the technological and technical research, the development and design of the products in which the environmental impact is considered,
- design of the processor and an experience of the considered, of the conservation of the energy and resources, and the recycling, from in the research, development, design, distribution, sale and maintenance service of the industrial sewing matchines and industrial-use procities, household sewing matchines and industrial-use procities, etc. and in the purchase, distribution and sale of the household commodities including the healthcase products.



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- * 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 catalog is printed on recycle paper.