

LZH-1290 Series

1-needle, Lockstitch, Zigzag Stitching Machine with Large Hook



● LZH-1290-7-0B / CP-180C

※ CP-180C operation panel is optionally available.

LZH-1290

LZH-1290-7 (with automatic thread trimmer)

1-needle, Lockstitch, Zigzag Stitching Machine with Large Hook

The machine is optimally suited for the sewing of sports shoes and leather shoes.

The machine tenses thread uniformly over the zigzag stroke to produce beautifully finished stitches at a high speed. With its extended zigzag width, higher presser foot lift, and newly introduced horizontal-axis double-capacity hook, the machine upgrades the functions required for the sewing of heavy materials. Equipped to handle a wider range of thread counts, the machine also delivers improved abilities for the sewing of decorative stitches and overedging. In addition, the AC servo motor/controller for the model with the automatic thread trimmer has been fully reconfigured to provide higher motor power and quicker actuation, thereby ensuring smooth operation.

1-needle, Lockstitch, Zigzag Stitching Machine with Large Hook

LZH-1290



Consistent sewing performance at a high speed

With its newly incorporated triangular cam, the machine uniformly tenses thread in zigzag strokes regardless of the needle position, and the needle always enters the material at right angles. This prevents the needle from swaying during zigzag stitching.



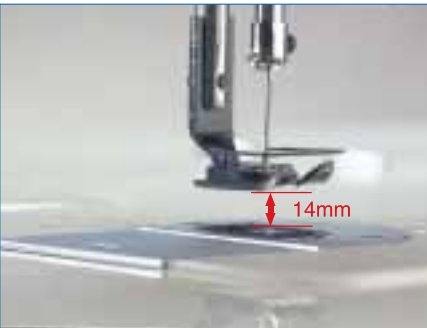
Wider zigzag width

The machine offers outstanding capabilities for the sewing of sports shoes and leather shoes that require a wider zigzag width. The zigzag width can be quickly and easily adjusted by the dial mounted on the front face of the machine.



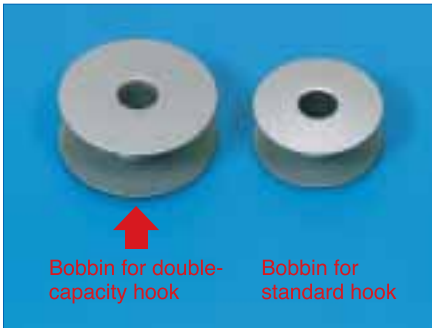
Higher lift of the presser foot

To ensure smooth sewing of heavy materials, the lift of the presser foot is as high as 14 mm (13 mm for the LZH-1290-7).



The frequency of bobbin thread replacement is reduced

By reducing the frequency of bobbin thread replacement, the newly introduced horizontal-axis double-capacity hook contributes to increased efficiency in sewing. This feature is extremely helpful when sewing with thick thread.



1-needle, Lockstitch, Zigzag Stitching Machine with Large Hook and Automatic Thread Trimmer

LZH-1290-7

Thread trimmer without fail



The machine's unique thread trimmer mechanism allows the thread trimmer to cut the thread when the needle is either at the left or right end of its zigzag stroke. This mechanism also eliminates the need for adjustment even when the thread count is changed.

The machine is equipped as standard with a one-touch reverse feed mechanism



The machine is equipped as standard with a one-touch reverse feed mechanism. With just a press of the touch-sensitive button, the machine goes into reverse feed stitching mode. The touch-sensitive button is mounted at a position where it won't interfere with sewing works.



● LZH-1290-7-0B / CP-180C

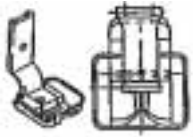
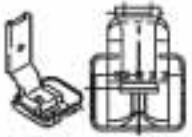
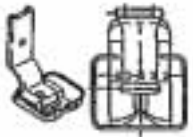



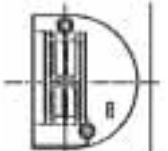
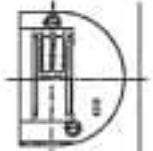
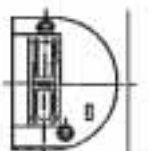
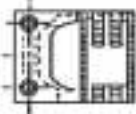
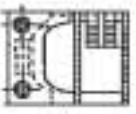
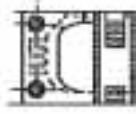
※ CP-180C operation panel is optionally available.

● Optional

Pneumatic auto-lifter

The pneumatic auto-lifter comes in two different types: the knee-switch type (AK-112C) and the pedal-switch type (AK-145B). Select the type best suited for the applications of your machine.

■ Gauge

Type	Standard	For frictional material [※]	For zigzag [※] width of 10 mm	Provided with a center guide [※]	3-row feed dog [※]
Presser foot	100-86353 	100-86379 (Pearl-bright finish) 	100-85751 	100-98051 	100-85850 
Throat plate	100-93300 		100-75505 	100-93318 	100-75711 
Feed dog	100-83301 		100-83319 		100-83525 
Remarks	Zigzag width: Max. 8mm	Zigzag width: Max. 8 mm The pearl - bright finish presser foot has the same surface smoothness as the Teflon-finish type, but its rigidity is markedly superior.	Zigzag width: Max. 10mm	Zigzag width: Max. 8mm	Zigzag width: Max. 6mm

※ Gauges other than the standard one are optionally available.

■ Specifications

Model name	LZH-1290	LZH-1290-7
Type	—	With automatic thread trimmer
Max. sewing speed	2,000 sti/min*	
Max. stitch length	6mm (normal / reverse feed)	
Zigzag width	Max. 8mm (adjustable to 10mm)	
Zigzag width adjustment method	By dial	
Needle bar stroke	35 mm	
Lift of the presser foot	By knee lifter : 14 mm By hand lifter : 6 mm	By knee lifter : 13 mm By hand lifter : 6 mm
Thread take-up	Link type	
Hook	Horizontal-axis full-rotary double-capacity hook	
Needle (at the time of delivery)	SY1906 Nm90 ~ 110 (standard Nm110)	
Thread	#50 ~ #8, B33 ~ B92, Nm=120/3 ~ 30/3	
Lubrication	By an oiler (hook : automatic)	
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)	
Distance from needle to machine arm	295 mm	
Bed size	477 mm × 178 mm	
Weight of the machine head	35 kg	39 kg
Automatic reverse feed function	—	Provided as standard

* "sti/min" stands for "Stitches per Minute."

■ When you place orders

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

● Machine head

[without automatic thread trimmer]

LZH1290

[with automatic thread trimmer]

LZH129070/B

Pneumatic auto lifter (Optional)	Code
Pedal switch type (AK-145B)	B
Not provided	

● Control box

SC921C

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

● Motor

M51N

● Operation panel

CP18C
CP180C

● To order, please contact your nearest JUKI distributor.

JUKI[®]
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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 catalogue prints with environment-friendly soy ink on recycle paper.



JUKI CORPORATION HEAD OFFICE
An environmental management system to promote and conduct the following:
(1) Eco-friendly development of products and technologies
(2) Green procurement and green purchasing
(3) Energy conservation (reduction in carbon-dioxide emissions)
(4) Resource saving (reduction of papers purchased, etc.)
(5) Reduction and recycling of waste
in the activities of research, development, design, sales, distribution, and maintenance services of industrial sewing machines and industrial robots, etc., including sales and maintenance services of data entry systems.