

High-speed, 1-needle, Unison-feed, Lockstitch Machine
with Vertical-axis Large Hook and Automatic Thread Trimmer
(2-pitch dial type)

JUKI®

LU-2212N-7



LU-2212N-7

*Operation panel is optionally available.

LU-2212N-7

2-pitch dial function comes provided.

The machine is widely applicable to the sewing of leather and heavy materials such as car seats, sofas and bags.

Consistent sewing performance at a high speed

The maximum sewing speed is 3,500rpm. With its higher efficiency of feed, the machine promises, even at a high speed, consistent feed that is free from stitch gathering regardless of the material thickness.

With its maximum stitch length of 9mm, the machine can be applied to a broader range of uses.



Thread trimming without fail

The improved thread trimming mechanism leaves thread on the material after thread trimming, the length of which is shorter than the conventional machines.

With a rigid knife and improved cam shape, the thread trimmer cuts thread as thick as #5 without fail.



The walking foot and presser foot's alternating vertical movement can be set and changed with ease.

The vertical strokes of the presser foot and walking foot (alternating vertical movement) can be easily changed using a large dial mounted on the top surface of the machine head.

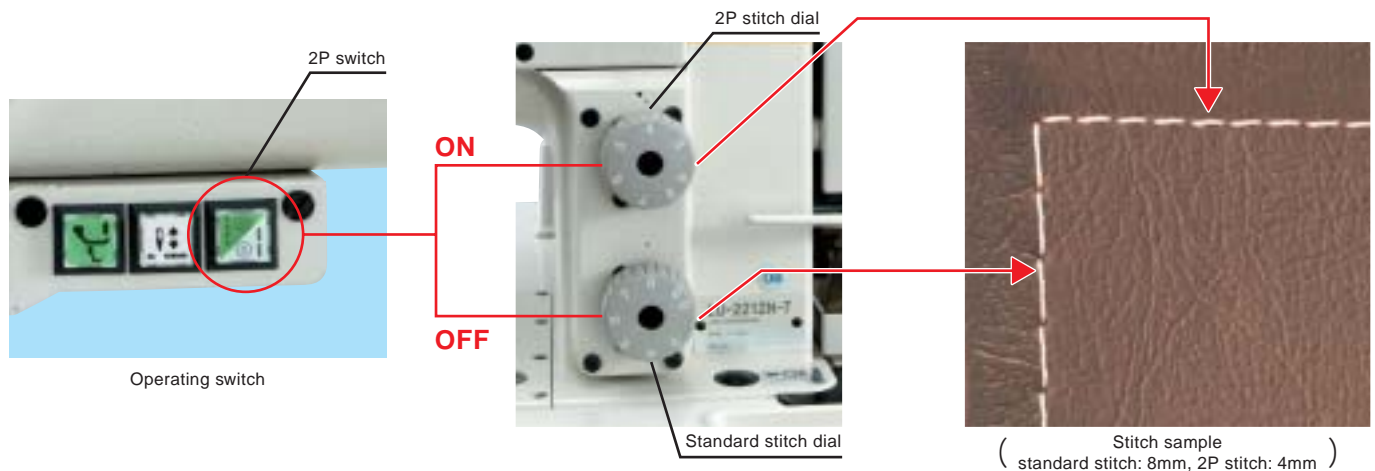
In addition the sewing speed is automatically adjusted with the set value. With this feature, ideal sewing conditions are maintained at all times.



2-pitch dial function is provided as standard.

One of two different stitch lengths can be selected according to the application.

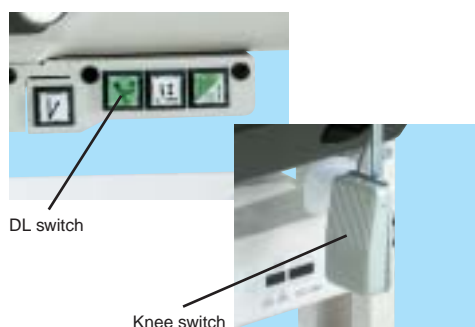
The stitch length can be changed over by turning ON/OFF the 2P switch among the operating switches mounted on the machine head.



Instantaneous change-over device for the alternate vertical movement amount (DL device) is provided as standard.

The alternate vertical movement amount can be instantaneously maximized in a process for sewing a hard-to-feed part of material, such as a multilayered part, finishing with beautiful seams free from stitch gathering.

The machine is provided with both a hand switch and knee switch.



Higher lift of the presser foot

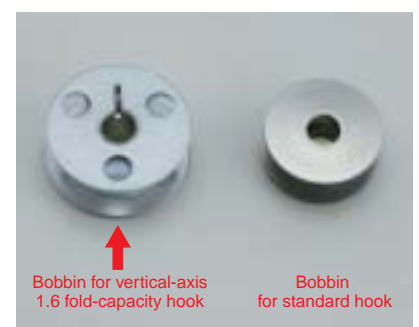
The machine is provided as standard with a pneumatic auto-lifter.

The high, 16mm presser foot lift enables easy material handling.









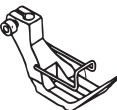

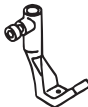


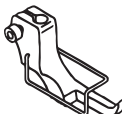
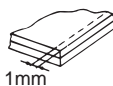


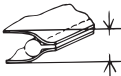


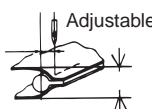




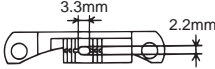
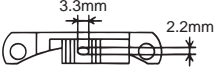
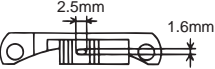
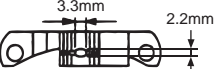
The highly efficient vertical-axis 1.6 fold-capacity hook is provided as standard.

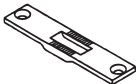
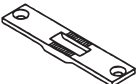
With the adoption of this vertical-axis 1.6 fold-capacity hook, the frequency of bobbin thread changing is reduced, promising sewing work of increased efficiency.



Interchangeable gauge parts

Sewing conditions		Walking foot			Presser foot			
Standard		A	Standard		A	Standard		
		107-11653			107-12552			
For material with overlapped section Allows the smooth feed of multi-layered portions of the material					K	Standard (pressing face is reduced)		
					107-58456			
For light-weight sponge Used for resilient materials including sponge					B	For material with overlapped section		
					107-12651			
For heavy-weight sponge Used for more resilient materials					C	For urethane		
					107-12750			
For heavy-weight sponge Used for more resilient materials	Thick 	B	For urethane					
		107-11752						
Right single-sided presser Used for sewing material edges		C	Right single-sided presser		D	Right single-sided presser		
		107-11851			107-12859			
Left single-sided presser Used for sewing material edges		D	Left single-sided presser		E	Left single-sided presser		
		107-11950			107-12958			
For piping Used for the general piping process		E ~ H	For piping		F ~ J	For piping		
		3 107-45354 4 107-45453 5 107-45552 6 107-45651						
For piping The position of the needle can be adjusted according to the pipe to be sewn		J ~ M	Adjustable presser for piping		3 107-47350 4 107-47459 5 107-47558 6 107-47657			
		3 107-46352 4 107-46451 5 107-46550 6 107-46659						
Wide type To be used when a sewing product cannot be smoothly fed		(special order)			(special order)			
		107-12057			107-13055			

Feed dog			
			
107-17106	107-17205	107-17304	107-39001
S	Standard	A	Without groove Used when the needle thread does not interlace consisting with the bobbin thread at the start of sewing.
		B	For thin thread
		Wide type (special order)	

Throat plate	
	
107-01704	107-02009
Standard	Wide type (special order)

Specifications

Model name	LU-2212N-7
Max. sewing speed	3,500rpm
Max. stitch length	9mm (forward / backward)
Needle bar stroke	33.8mm
Lift of the presser foot	By hand: 9mm, Auto: 16mm
Auto-lifter	Provided as standard (pneumatic auto-lifter: AK79)
Thread take-up	Link type
Alternating vertical movement	1 ~ 6.5mm
Hook	Vertical-axis 1.6 fold-capacity hook
Needle (at the time of delivery)	SCHMETS 134 x 35R (Nm140) Nm110 ~ Nm160
Thread	#30 ~ #4, B46 ~ B138, Nm=60/3 ~ 20/3
Stitch adjusting method	By dial (standard stitch dial / 2P stitch dial)
Bobbin thread winder	Built on the machine head
Lubrication	Automatic
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)
Distance from needle to machine arm	264mm
Bed size	517mm x 178mm
Automatic reverse feed function	Provided as standard
Compressed air	0.5MPa
Air consumption	0.3dm ³ /min (ANR)
Motor output	750W
Power requirement	Single-phase 100 ~ 120V, 200 ~ 240V 3-phase 200 ~ 240V
Power consumption	Rating 425VA
Weight of the machine head	55kg

Options

Bobbin thread remaining amount detecting device: AE-9

Part No.	Description
40029099	AE-9(G kit) for installed after the setup of the machine

The bobbin thread remaining-amount detecting device warns the operator with a buzzing sound and lamp indication of the time for bobbin thread replacement.

This allows the operator to concentrate on sewing work without concern for the remaining amount of bobbin thread.

Since the device directly detects the bobbin thread amount remaining, cumbersome setting is no longer required regardless of the material, thread and process.

Suspended ruler: H152

Part No.	Description
MAH-152010A0	Suspended ruler (asm.)
SS-7151610SP x 2	Screw
WP-0621016SD x 2	Washer
WS-0610002KN x 2	Spring washer

When you place orders

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

LU2212N B70B

Walking foot	Code	Presser foot	Code	Feed dog	Code	DL device	Code
Standard	A	Standard	A	Standard (with groove)	S	Provided with DL function / knee switch	B
For urethane	B	For material with overlapped sections	B	Without groove	A		
Right single-sided presser	C	For urethane	C	For thin thread (2.5mm x 1.6mm)	B		
Left single-sided presser	D	Right single-sided presser	D				
For piping 3	E	Left single-sided presser	E				
For piping 4	F	For piping 3	F				
For piping 5	G	For piping 4	G				
For piping 6	H	For piping 5	H				
Adjustable type for piping 3	J	For piping 6	J				
Adjustable type for piping 4	K	Pressing face is reduce	K				
Adjustable type for piping 5	L						
Adjustable type for piping 6	M						

Option	Code
Not provided	Z
AE-9(Bobbin thread remaining amount detecting device)	A

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 soyink on recycle paper.



JUKI CORPORATION HEAD OFFICE

The environmental management system to promote and conduct
① the technological and technical research, the development and design of the products in which the environmental impact is considered,
② the conservation of the energy and resources, and the recycling, in the research, development, design, distribution, sale and maintenance service of the industrial sewing machines, household sewing machines and industrial-use robots, etc., and in the sale and maintenance service of the data entry system and in the purchase, distribution and sale of the household commodities including the healthcare products.