

## MS-1190 Series (2-needle) MS-1261 Series (3-needle) Feed-off-the-arm, Double Chainstitch Machine

The machine finishes a wide range of high-quality products, from silk to extra heavy-weight materials for jeans.



MS-1261/V045S

# MS-1190 Series

# MS-1261 Series

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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.

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SEWING MACHINERY & SYSTEMS BUSINESS UNIT

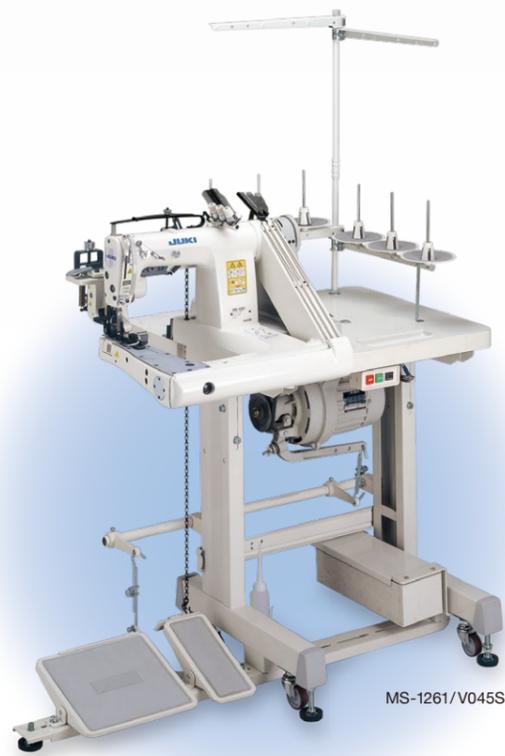
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\* Read the instruction manual before putting the machine into service to ensure safety.  
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The feed-off-the-arm double chainstitch machine, the MS-1190 and -1261 Series, has been developed in thorough pursuit of the “stitching” of double chainstitches to achieve a low-tension sewing capability!

The machine promises the production of beautiful and even stitches free from puckering, stitch skipping and uneven material feed.

Needs for improved seam quality to support diversified materials are continually increasing. The machine supports a broader range of materials from extra light-weight materials such as silk and georgette to extra heavy-weight ones such as 14.5 oz denim jeans. The machine is an excellent model which makes the best out of double chainstitching for the high-grade manufacturing of apparel products with increased production efficiency.



**2-needle** **MS-1190 Series**  
light-weight materials/  
medium-weight materials

**3-needle** **MS-1261 Series**  
extra heavy-weight materials for jeans/  
medium- to heavy-weight materials

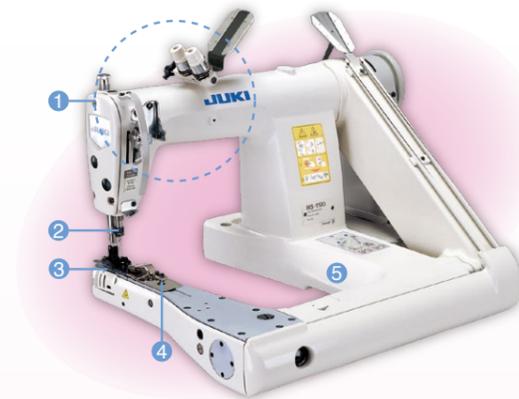
2-needle

# MS-1190 Series

## Feed-off-the-arm, 2-needle Double Chainstitch Machine

- MS-1190 (for light-weight materials)
- MS-1190M (for medium-weight materials)

The machine achieves beautifully-finished seam while preventing puckering and stitch skipping.



- 1 Needle thread path for promising consistent sewing performance.
- 2 The needle clamp is equipped with a thread guide, thereby preventing puckering.
- 3 Many different types of improved gauge sets have been prepared. The operator can choose the one best-suited for the type of material to be used.
- 4 Folders indirectly support the production of high-quality products.
- 5 The shape of the bed has been designed for easier handling.



- Low-tension sewing ensures balloon stitches with a soft feeling.

### Low-tension stitching ability and improved stitching mechanism prevents puckering.

Both needle thread tension and bobbin thread tension have been decreased after reinvestigation of the double chainstitching mechanism. Furthermore, the stitch dial, gauges and looper have been dramatically improved, thereby forming beautifully finished seams and preventing puckering.

### The machine prevents stitch skipping even when it runs at high speed, ensuring high-quality products.

With its low-tension sewing capability and the best-suited timing among the needle, looper and feed, the machine forms even stitches with consistency at all times. The machine also prevents stitch skipping at a high speed to help promote high-grade manufacturing.

### The machine is equipped as standard, with newly developed folders which enable the machine to perform stitching with consistency.

Newly developed folders are equipped as standard for the machine. The folders are designed to match the presser foot and allow overlapping material to be fed smoothly under them. They are easy to use and improve consistency in sewing. Many different kinds of folders are prepared in accordance with the materials to be used, ranging from folders for extra heavy-weight materials to medium-weight materials.

### The machine has improved ease of operation.

The shape of the bed has been designed to allow the operator to handle it with ease. The push-button type stitch length dial has been introduced to change the feed amount. The timings of the feed driving cam and the looper rocking cam can be separately adjusted. All of these features are designed for easier operation and maintenance.

3-needle

# MS-1261 Series

Feed-off-the-arm, 3-needle Double Chainstitch Machine

- MS-1261 (for extra heavy-weight materials for jeans)
- MS-1261M (for medium- to heavy-weight materials)

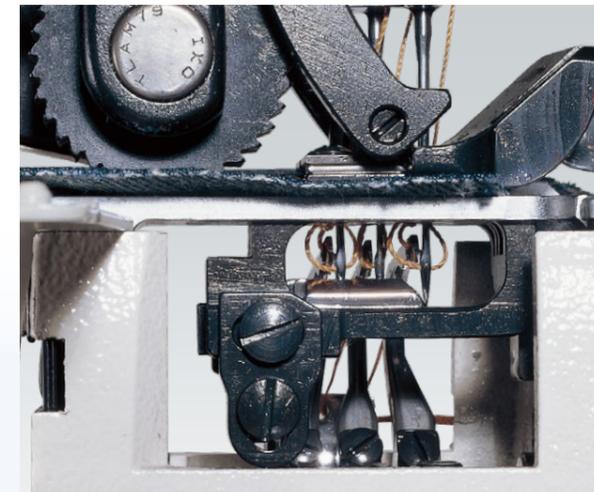


The machine is the leading double chainstitch machine for heavy-weight materials and achieves higher efficiency in operation and higher quality of finished products.



## The looper tucks the thread without fail, thereby preventing stitch skipping.

The placement of the feed mechanism has been changed to decrease the feed amount when the needle enters the material, thus preventing the needle from bending. The bobbin thread is clamped without fail, thereby producing consistent thread loops. The looper tucks the needle thread without fail, thereby finishing uniform seams.



## The feed mechanism smoothly feeds the material, thereby allowing the machine to finish seams with consistency.

The number of teeth of the feed dog has been increased so that it can easily catch overlapping material. The shape of the presser foot has been modified to prevent single-sided contact with the overlapped part. The movable needle guard (rear) is provided with a vertical adjusting mechanism. These features contribute to smoother feed of heavy-weight materials, thereby preventing stitch skipping.



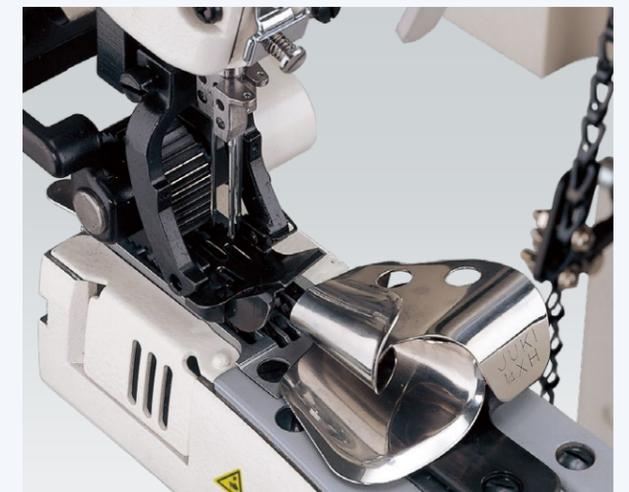
## The machine provides beautifully-finished seams even when heavy-weight material is used.

Thanks to the thread guide located between the needle bar thread take-up and the intermediate tension release lever, the timing to tense the needle thread can be changed and the bobbin thread tension can be decreased. As a result, the machine is capable of beautiful finished stitches with a soft appearance even when heavy-weight material is used.



## The machine prevents uneven material feed.

Differences in height between the feed dog and the sole of the presser foot can be appropriately specified and adjusted in accordance with the material thickness. Folders allow the material to be smoothly fed and the cloth puller (optional) has improved fulcrum so that it can run on the material and prevent uneven material feed.



Beautifully-finished seams are produced by smoothly feeding the overlapped parts of heavy-weight material.



## OPTIONS

Many different optional devices, that help improve seam quality and facilitate operation have been prepared for the machine.

### Cloth puller V045/V046

The cloth puller is an auxiliary tool for smooth feed of the material. The top roller type cloth puller (V045) can be used for medium- to extra heavy-weight materials for jeans. The top and bottom roller type cloth puller (V046) can be used for light- to medium-weight materials. Furthermore, you can choose either a rubber cloth puller that is soft on material, or steel cloth puller that securely clamps the materials.

V045R	Made of rubber	Part No.MAV04500AA0
V045S	Made of steel	Part No.MAV045000A0
V046R	Made of rubber	Part No.MAV04600AA0
V046S	Made of steel	Part No.MAV046000A0



V045S

### Chain-off thread cutter AT27

The chain-off thread cutter is operated by the knee switch or the pedal switch. The chain-off thread cutter comes in three different types in accordance with the types of cloth pullers and whether or not the machine is equipped with cloth puller.

AT27	Pedal switch type	Knee switch type
Without cloth puller	Part No.GAT27000A0	Part No.GAT27000CA0
For V045	Part No.GAT27000AA0	Part No.GAT27000DA0
For V046	Part No.GAT27000BA0	Part No.GAT27000EA0



AT27

CL-3

### Needle cooler CL-3

The needle cooler is a device to prevent thread breakage caused by a hot needle. The needle cooler equipped with an auxiliary blower (for light-weight materials) available, and this allows the material to be easily rolled in at the sewing start.

CL-3	Standard	Part No.GCL03000A0
	With an auxiliary blower for light-weight materials.	Part No.GCL03000AA0

### Silicon oil lubricating unit for the needle thread

Silicon oil lubricating unit is an auxiliary device to reduce the frequency of thread breakage caused by a hot needle.

For MS-1190 series	Part No.129-45168
For MS-1260 series	Part No.129-76254



For MS-1261 series

### Pneumatic auto-lifter AK81

The pneumatic auto-lifter helps reduce the operator's fatigue and enables the operator to operate the sewing machine rhythmically.

AK81	Pedal switch type	Part No.GAK81000A0
	Knee switch type	Part No.GAK81000AA0



Knee switch type

## SPECIFICATIONS

Model name	MS-1190	MS-1190M	MS-1261M	MS-1261
Application	For light-weight materials	For medium-weight materials	For medium- to heavy-weight materials	For extra heavy-weight materials for jeans
No. of needle	2		3	
Max. sewing speed	4,000sti/min (normal 3,500sti/min)		3,600sti/min (normal 3,000sti/min)	
Needle bar stroke	28.0mm		33.2mm	
Needle (at the time of delivery)	SCHMETZ B-64 (Nm80) Nm60~Nm90 ORGAN TVx64-NY (#12) #8~#14	SCHMETZ B-64 (Nm100) Nm80~Nm120 ORGAN TVx64-NY (#16) #12~#19	SCHMETZ UY128GAS (Nm120) Nm100~Nm140 ORGAN UYx128GAS-NY (#19) #16~#22	SCHMETZ UY128GAS (Nm130) Nm100~Nm140 ORGAN UYx128GAS-NY (#21) #16~#22
Needle gauge	3.2mm(1/8"), 4.0mm(5/32"), 4.8mm(3/16"), 5.6mm(7/32"), 6.4mm(1/4")		5.6mm(7/32"), 6.4mm(1/4"), 7.2mm(9/32"), 8.0mm(5/16"), 9.6mm(3/8")	
Stitch length	1.2~3.2mm		1.4~4.2mm	
Lift of the presser foot	10mm			
Thread take-up lever	Thread pulling cam type thread take-up lever	Needle bar thread take-up lever		
Circumference of tube at the needle entry	171mm		190mm	
Needle guard	Longitudinally-fixed needle guard		Backward travelling needle guard	
Stitch adjusting system	By push-button (with locking mechanism)			
Lubrication	Semi-automatic lubrication			
Lubricating oil	JUKI New Defrix Oil No.1 (equivalent to ISO VG7)			

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

## WHEN YOU PLACE ORDERS

● MS1190 □□/□□□□□□□□

Application	Code	Needle gauge	Code
For light-weight materials (standard)	M	3.2mm(1/8")	B
For medium-weight materials		4.0mm(5/32")	C
		4.8mm(3/16")	D
		5.6mm(7/32")	E
		6.4mm(1/4")	F
		7.9mm(5/16")	H

A Cloth Puller B Optional device

A Cloth Puller	Code
Not provided	
V045	Rubber V045R Steel V045S
V046	Rubber V046R Steel V046S

B Optional device	Code	
Not provided		
Chain-off thread cutter AT27*1	Without cloth puller	Pedal switchtype F Knee switch type G
	For V045	Pedal switchtype A Knee switch type H
		Pedal switchtype B Knee switch type J
	For V046	Pedal switchtype B Knee switch type J
Needle cooler (CL-3)		C
Needle cooler with folder air blow type	D	
Silicon oil lubricating	E	
Pneumatic auto-lifter AK*1	Pedal switchtype P Knee switch type K	
	A+C+E+K	01
A+D+E+K	02	
A+C+P	03	
H+C+E+P	04*2	
J+C+P	05*2	

\*1 The knee switch for the chain-off thread cutter AT27 and that for the pneumatic auto-lifter AK81 cannot be installed simultaneously.

\*2 Codes "04" and "05" represent the combination for the MS-1261. When you need to use your machine in combination with other options, please contact your distributor.

● MS1261 □□/□□□□□□□□

Application	Code	Needle gauge	Code
For extra heavy-weight materials (standard)	M	5.6mm(7/32")	E
For medium-weight materials		6.4mm(1/4")	F
		7.1mm(9/32")	G
		7.9mm(5/16")	H
		9.5mm(3/8")	K

A Cloth Puller B Optional device