

JUKI®

Feed-off-the-arm, Double Chainstitch Machine

MS-1190 SERIES

MS-1260 SERIES



MS-1190



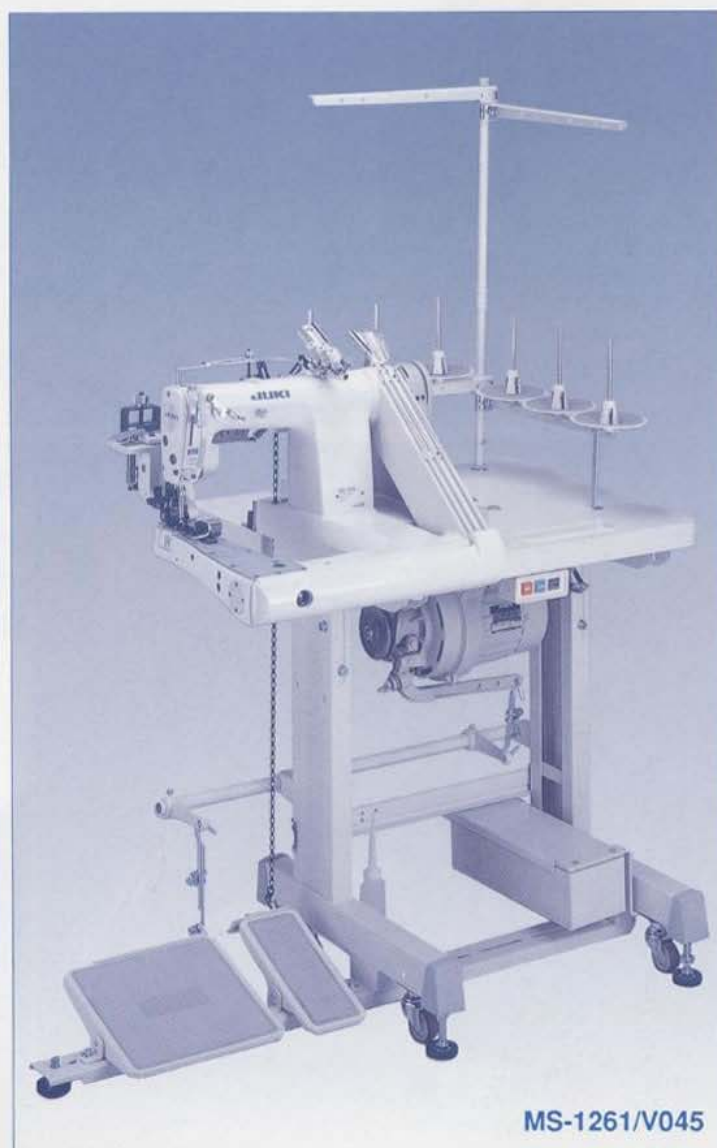
MS-1261/V045



MS-1190/-1260 SERIES

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

There is an ever increasing demand for seam quality that is adaptable to diversified types of materials. The MS-1190/-1260 series feed-off-the-arm double chain-stitch machines has been developed in a thoroughgoing pursuit of double chainstitching. As a result, the machine is capable of low-tension sewing. The needle-to-feed relation, the synchronization of the timing to tense the needle thread, the timing to feed the material, and the feed mechanism itself have been dramatically im-proved. Thanks to these improvements, the machine prom-ises beautifully finished seams with consistency, and pre-vents puckering, stitch skipping and uneven material feed. The machine can adapt to a wide range of applications, from extra light-weight materials including silk and georgette, to extra heavy-weight materials including 14.5 oz. jeans. The newly-developed machine makes the most out of the advan-tages of double chainstitching for the manufacture of higher-grade products with a higher degree of efficiency.



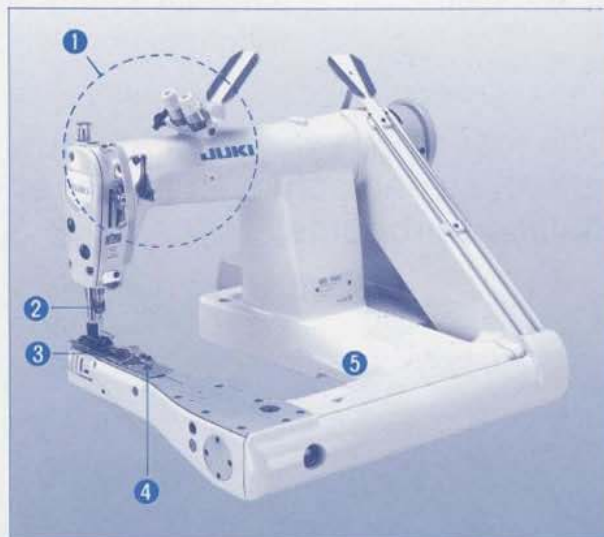
MS-1190 SERIES 2-needle double chainstitch machine

- MS-1190 : For light-weight materials (standard)
- MS-1190M : For medium-weight materials
- MS-1190/V046 : For light-weight materials with cloth puller (V045)
- MS-1190M/V045 : For medium-weight materials with cloth puller (V046)

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

FEATURES

- **2-needle double chainstitch machine MS-1190 series. 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.**
relation between the needle and the looper, and the relation between the needle and the feed have been changed. This enables the machine to consistently form seams of uniform quality. The machine prevents stitch skipping when it runs at high speed, thereby producing higher-grade products.
- **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.



- 1 The needle thread path has been dramatically modified to improve sewing consistency.
- 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 Newly-developed 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.

Wrong side of double chainstitch seam.

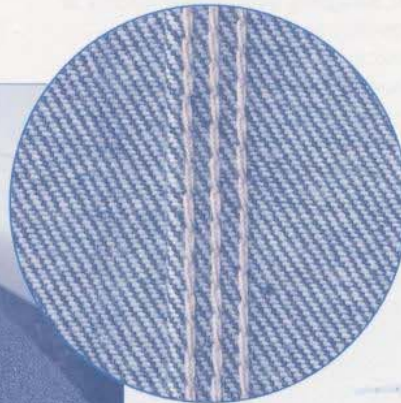


Table stand and motor are separately available.

MS-1260 SERIES 2-needle/3-needle double chainstitch machine

- MS-1261/V045 : 3-needle double chainstitch machine with cloth puller (V046) for extra heavy-weight materials for jeans. (standard)
- MS-1260/V045 : 2-needle double chainstitch machine with cloth puller (V046) for medium- to heavy-weight materials.
- MS-1261M/V045 : 3-needle double chainstitch machine with cloth puller (V046) for medium- to heavy-weight materials.
- MS-1261 : 3-needle double chainstitch machine for extra heavy-weight materials for jeans.
- MS-1261M : 3-needle double chainstitch machine for medium- to heavy-weight materials.
- MS-1260 : 2-needle double chainstitch machine 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.

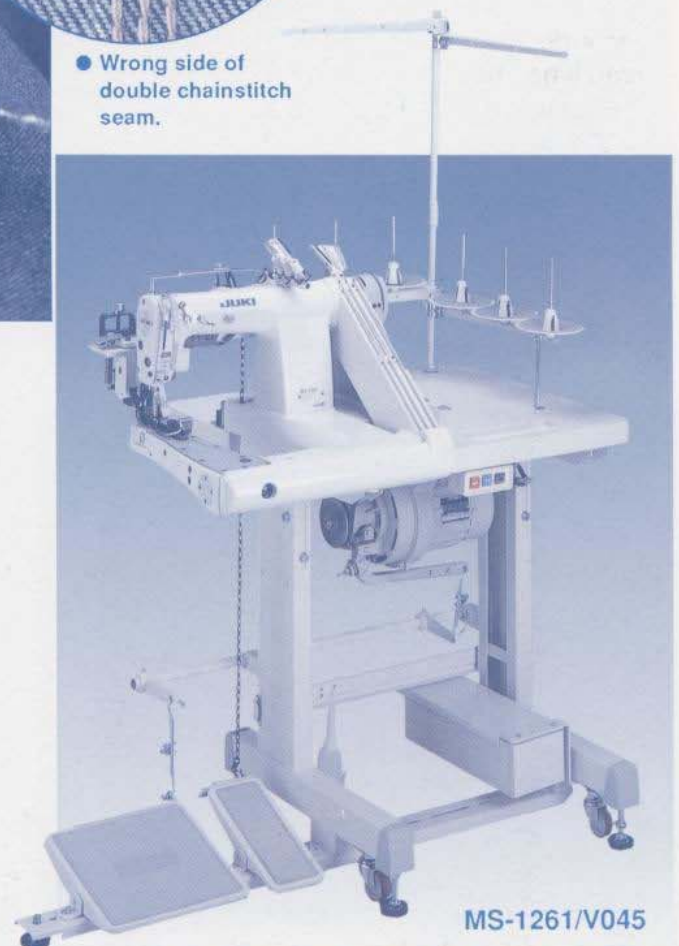


● Wrong side of double chainstitch seam.

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



MS-1261/V045



MS-1261/V045

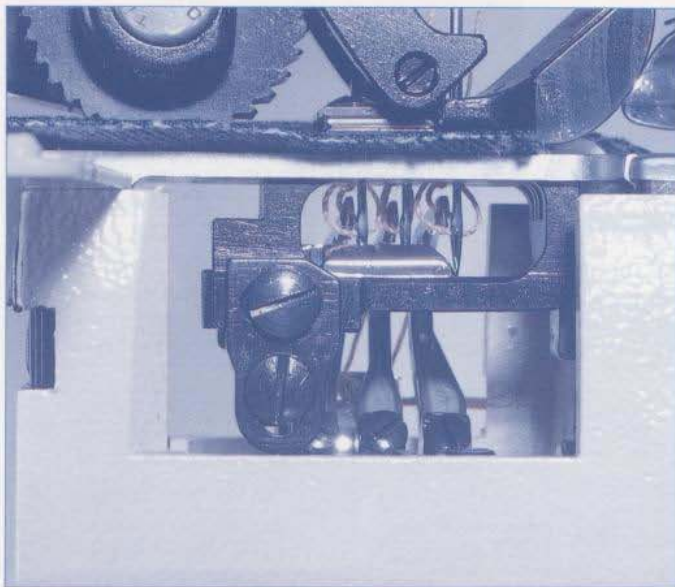
● Table stand and motor are separately available.

MS-1260 SERIES 2-needle/3-needle double chainstitch machine

■ FEATURES

- **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 easily catches 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 skip-ping



- **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 de-created. 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.



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

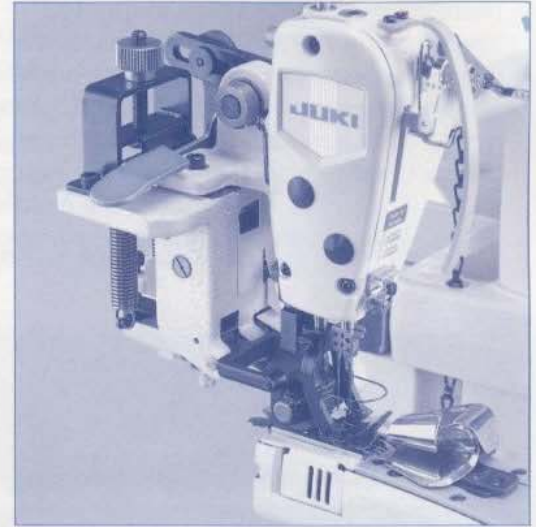
Options

■ 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 material.

V045	Made of rubber	Part No.: MAV04500AA0
	Made of steel	Part No.: MAV04500A0

V046	Made of rubber	Part No.: MAV04600AA0
	Made of steel	Part No.: MAV04600A0



■ 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 a cloth puller.

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



CL-3

AT27

■ Needle cooler CL-3

The needle cooler is a device used to prevent thread breakage because of a hot needle. The needle cooler equipped with an auxiliary blower (for light-weight materials) which allows the material to be easily roller in at the sewing start is also available.

CL-3	Standard	Part No.: GCL03000A0
	With an auxiliary blower for light-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 because of a hot needle.

For MS-1190 series	Part No. 12945168
For MS-1260 series	Part No. 12976254



■ 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-operation type	Part No.: GAK81000A0
	Knee-operation type	Part No.: GAK81000AA0

The picture shows the knee-operation type of pneumatic auto-lifter.

SPECIFICATIONS

Model name	MS-1190 MS-1190/V046	MS-1190M MS-1190/V045	MS-1260/V045 MS-1260	MS-1261M/V045 MS-1261M	MS-1261/V045 MS-1261
Applications	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	
Sewing speed	Max. 3,600 rpm, Normal 3,000 rpm			Max. 4,000 rpm, Normal 3,500 rpm	
Needlebar stroke	28.0 mm			33.2 mm	
Needle	SCHMETZ B-64 Nm.60-90 (Standard Nm.80) ORGAN TVx64-NY #8-#14 (Standard #12)	SCHMETZ B-64 Nm.80-120 (Standard Nm.100) ORGAN TVx64-NY #12-#19 (Standard #16)	SCHMETZ UY128 GAS Nm.100-140 (Standard Nm.120) ORGAN UY128GAS-NY #16-#22 (Standard #19)		SCHMETZ UY128GAS Nm.100-140 (Standard Nm.130) ORGAN UY128GAS-NY #16-#22 (Standard #21)
Needle gauge	3.2 mm (1/8"), 4.0 mm (5/32"), 4.8 mm (3/16"), 5.6 mm (7/32"), 6.4 mm (1/4")		4.8 mm (3/16")	5.6 mm (7/32"), 6.4 mm (1/4"), 7.2 mm (9/32"), 8.0 mm (5/16"), 9.6 mm (3/8")	
Stitch length	1.2 ~ 3.2 mm			1.4 ~ 4.2 mm	
Lift of the presser foot	10 mm				
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	171 mm			190 mm	
Needle guard	Longitudinally-fixed needle guard			Backward traveling needle guard	
Stitch adjusting system	By a push-button (with a locking mechanism)				
Lubrication	Semi-automatic lubrication				

When you place orders

Please note that when placing orders the Model name should be written as follows;

MS-1190 series

MS1190 /

Material	
For light-weight (Standard)	<input checked="" type="checkbox"/>
For medium-weight	M

Needle gauge	
1/8" (3.2 mm)	B
5/32" (4.0 mm)	C
3/16" (4.8 mm)	D
7/32" (5.6 mm)	E
1/4" (6.4 mm)	F

Optional device-1		
	None	<input checked="" type="checkbox"/>
V045	Rubber	V045R
	Steel	V045S
V046	Rubber	V046R
	Steel	V046S

Optional device-2			
	None		<input checked="" type="checkbox"/>
Chain-off thread cutter (AT27)	Without cloth puller	Pedal switch type	F
		Knee switch type	G
	For V045	Pedal switch type	A
		Knee switch type	H
	For V046	Pedal switch type	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 AK81	Pedal-operation type		P
	Knee-operation type		K
A + C + E + K			01
A + D + E + K			02
A + C + P			03

(Caution)

The knee-operated chain-off thread cutter and the knee-operated auto-lifter cannot be specified at a time. (E.g., H+K)

● To order, contact your nearest JUKI distributors.

■ When you place orders

Please note that when placing orders the Model name should be written as follows;

● MS-1260 (2-needle)

MS1260D /

Needle gauge	
3/16" (4.8 mm)	<input type="checkbox"/> D

Optional device-1		
	None	<input checked="" type="checkbox"/>
V045	Rubber	<input type="checkbox"/> V045R
	Steel	<input type="checkbox"/> V045S
V046	Rubber	<input type="checkbox"/> V046R
	Steel	<input type="checkbox"/> V046S

Optional device-2			
	None		<input checked="" type="checkbox"/>
Chain-off thread cutter (AT 27)	Without cloth puller	Pedal switch type	<input type="checkbox"/> F
		Knee switch type	<input type="checkbox"/> G
	For V045	Pedal switch type	<input type="checkbox"/> A
		Knee switch type	<input type="checkbox"/> H
	For V046	Pedal switch type	<input type="checkbox"/> B
		Knee switch type	<input type="checkbox"/> J
Needle cooler (CL-3)			<input type="checkbox"/> C
Needle cooler with folder air blow type			<input type="checkbox"/> D
Silicon oil lubricating			<input type="checkbox"/> E
Pneumatic auto-lifter AK81	Pedal-operation type		<input type="checkbox"/> P
	Knee-operation type		<input type="checkbox"/> K
A + C + E + K			<input type="checkbox"/> 01
A + D + E + K			<input type="checkbox"/> 02
A + C + P			<input type="checkbox"/> 03

● MS-1261 (3-needle)

MS1261 /

Material	
For extra heavy-weight (Standard)	<input checked="" type="checkbox"/>
For medium-weight	<input type="checkbox"/> M

Needle gauge	
7/32" (5.6 mm)	<input type="checkbox"/> E
1/4" (6.4 mm)	<input type="checkbox"/> F
9/32" (7.2 mm)	<input type="checkbox"/> G
5/16" (8.0 mm)	<input type="checkbox"/> H
3/8" (9.6 mm)	<input type="checkbox"/> K

Optional device-1		
	None	<input checked="" type="checkbox"/>
V045	Rubber	<input type="checkbox"/> V045R
	Steel	<input type="checkbox"/> V045S
V046	Rubber	<input type="checkbox"/> V046R
	Steel	<input type="checkbox"/> V046S

(Caution)
The knee-operated chain-off thread cutter and the knee-operated auto-lifter cannot be specified at a time. (E.g., H+K)

● To order, contact your nearest JUKI distributors.

JUKI®

JUKI CORPORATION

INTERNATIONAL SALES DIVISION

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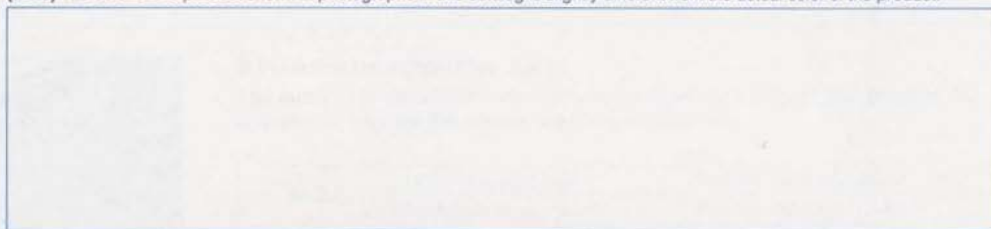
PHONE : 03(3430)4001-5

FAX : 03(3430)4909.4914.4984

TELEX : J22967

http://www.juki.co.jp

(Note) The color of the product shown in photographs in this catalog is slightly different from the actual color of the product.



* 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.
The description in this catalog is as of October, 1999.