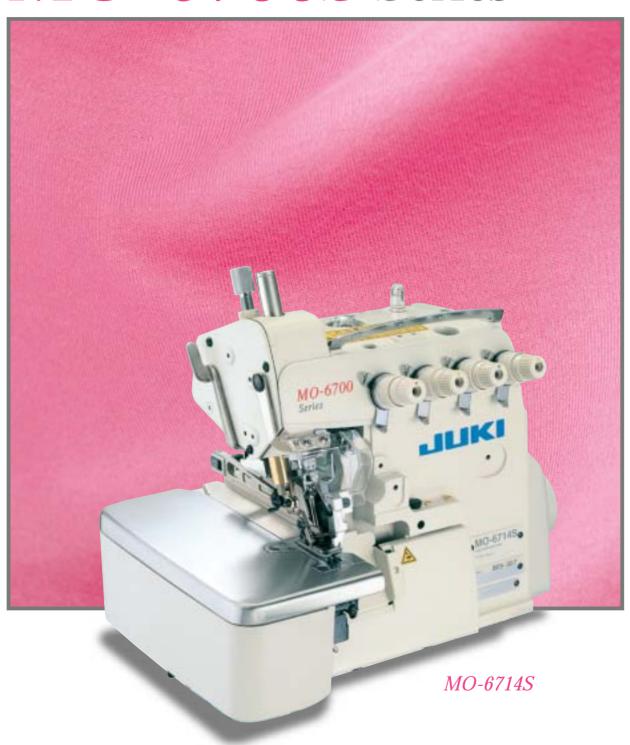


High-speed, overlock/safety stitch machine

MO-6700S Series



MO-6700S Series

A general-purpose advanced machine that responds to various kinds of sewing materials and processes.

The MO-6700S Series responds to various kinds of sewing materials and processes, producing delicate and beautiful soft-to-the-touch seams while further reducing operating noise as well as increasing durability. This is a highly advanced cost-effective machine.



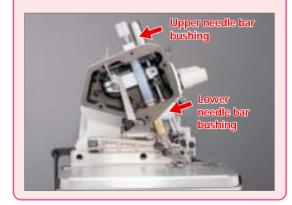
● The machine ensures both beautiful and upgraded seam quality at higher speeds.

Since the machine comes with a needle-thread take-up mechanism as well as a looper thread take-up mechanism, to offer upgraded responsiveness from light- to heavy-weight materials with a lower applied tension, it achieves well-tensed soft-feeling seams that flexibly correspond to the elasticity of the material at the maximum sewing speed of 7,000rpm.



• Further increased reliability.

The newly adopted upper and lower needle bar bushings of the needle bar mechanism improve both the durability and reliability of the needle bar unit. The machine comes standard with a cartridge type oil filter and cooling fan for further improved reliability and durability.



● The machine has been developed with the intention of providing an extended service life.

The machine incorporates various mechanisms as standard, such as a differential-feed micro-adjustment mechanism and an external adjustment mechanism for adjusting the feed dog inclination as well as increasing the differential feed ratio, which can be easily adjusted to finish seams that perfectly match the material to be used. Comfortable operation is all but guaranteed, by a wider area around the needle entry, the adoption as standard of a micro-lifter feature that offers improved responsiveness to materials and provides the operator with upgraded operability, and by the reduction of operating noise and vibration, which has been achieved by designing an optimally balanced machine





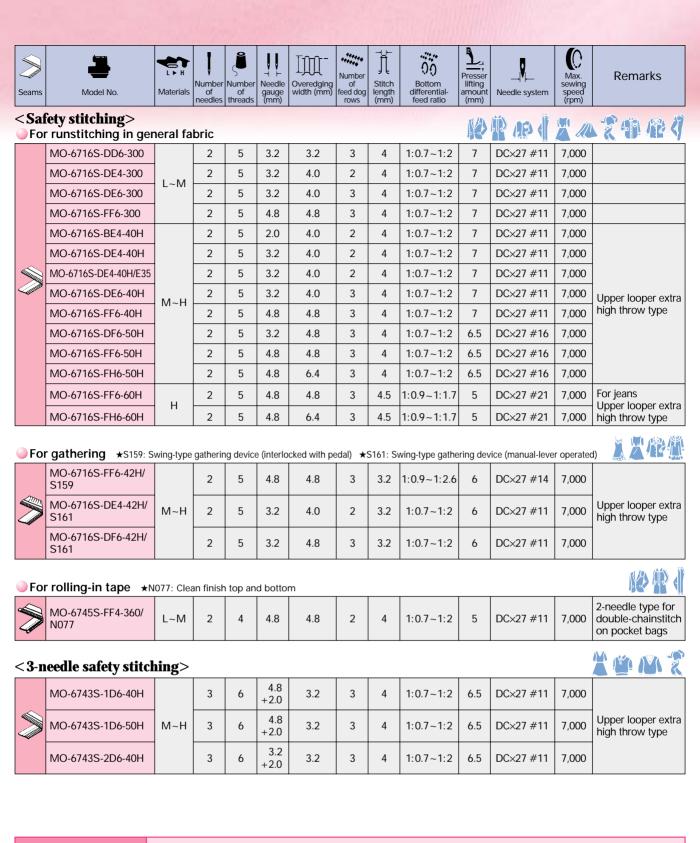
Devices intended for conventional JUKI machines are also interchangeable.

Gauges and devices you have used with your existing JUKI machines are also interchangeable with no additional machining. This eliminates both the waste of resources and unwanted extra costs.



■ SUBCLASS MACHINE LIST *** 00 Presser lifting amount (mm) Number Remarks Max sewing speed (rpm) Overedging of width (mm) feed dog Bottom differential Number Number Needle Stitch Seams Model No. Materials gauge (mm) Needle system needles threads <1-needle overlock> Z AL For runstitching in general fabric MO-6704S-0D4-300 3 1:0.7~1:2 DC×27 #11 7,000 3.2 2 4 7 MO-6704S-0E4-300 1:0.7~1:2 DC×27 #11 7.000 1 3 4 0 2 4 7 _ 2 7 MO-6704S-0F4-300 L~M 1 3 4.8 4 1:0.7~1:2 DC×27 #11 7,000 3 3 1:0.7~1:2 7 MO-6704S-0D6-300 1 3 2 4 DC×27 #11 7,000 MO-6704S-0F6-300 1:0.7~1:2 DC×27 #11 7.000 1 3 48 3 4 7 _ 2 MO-6704S-0E4-40H 1 3 4.0 4 1:0.7~1:2 7 DC×27 #11 7,000 MO-6704S-0F4-40H 1 3 4.8 2 4 1:0.7~1:2 7 DC×27 #11 7,000 Upper looper extra MO-6704S-0E6-40H 1 4 N 3 1:0.7~1:2 7 DC×27 #11 7,000 3 _ 4 high throw type MO-6704S-0F6-50H 1 3 3 1.07~1.2 7 DC×27 #14 7 000 48 4 For blind hemming ★L121: Blind stitch hemming attachment MO-6705S-0D4-210/ L~M 2 1:0.7~1:2 5.5 DC×27 #9 7,000 4 L121 MO-6705S-0E4-41H/ Upper looper extra 7.000 M~H 1 3 4.0 2 4 1:0.7~1:2 5.5 DC×27 #9 high throw type L121 For rolled hemming (folded downward) MO-6704S-0A4-150 1.6 2 4 1:0.7~1:2 5 DC×1 #8 7,000 EL~L MO-6704S-0A5-150 1 3 4 1:0.7~1:2 5 DC×1 #8 7,000 1.6 1 <2-needle overlock> 1 18 For runstitching in general fabric MO-6714S-BD4-307 4 2.0 2 4 1:0.7~1:2 6.5 DC×27 #11 7.000 2 3.2 MO-6714S-BE4-307 2 4.0 2 4 1:0.7~1:2 DC×27 #11 7,000 4 2.0 6.5 Upper looper MO-6714S-BD6-307 2 4 4 1:0.7~1:2 DC×27 #11 7,000 2.0 3.2 3 6.5 high throw type L~M MO-6714S-BE6-307 4.0 1:0.7~1:2 DC×27 #11 7.000 2 4 2.0 3 4 6.5 MO-6714S-BE6-207 2 4 2.0 4.0 3 4 1:0.7~1:2 6.5 DC×27 #9 7.000 MO-6714S-BE6-20H 2 4 2.0 4.0 3 4 1:0.7~1:2 6.5 DC×27 #9 7,000 MO-6714S-BE4-40H 2 4 2.0 4.0 2 4 1:0.7~1:2 6.5 DC×27 #11 7.000 Upper looper extra high throw type 2 MO-6714S-BE6-40H 4 2.0 4.0 3 4 1:0.7~1:2 6.5 DC×27 #11 7,000 MO-6712S-CE4-40H 2 4 2.4 4.0 2 4 1:0.7~1:2 6.5 DC×27 #11 7,000 M∼H For imitation MO-6712S-DF6-507 2 3 1:0.7~1:2 DC×27 #14 7,000 4 3.2 4.8 4 6.5 safety-stitching MO-6712S-DF6-50F 2 4 3.2 4.8 3 4 1:0.7~1:2 6.5 DC×27 #14 7,000 For swimsuit For gathering ★S162: Swing-type gathering device (manual-lever operated) MO-6714S-BE6-327/ L~M 2.0 4.0 3 3.2 1:0.9~1:2.6 6 DC×27 #11 7.000 4 S162 MMET For tape attaching ★G02, G39: Tape attaching presser foot ★Q141: Tape guide MO-6714S-BD6-347/ Upper looper 7 DC×27 #11 7,000 2 4 2.0 3.2 3 3.2 1:0.7~1:2 G39/O141 high throw type MO-6714S-BD6-24H/ 2 4 2.0 3.2 3 3.2 1:0.7~1:2 7 DC×27 #9 7,000 L~M G39/Q141 MO-6714S-BE6-24H/ 2 4 2.0 4.0 3 3.2 1:0.7~1:2 7 DC×27 #9 7,000 G39/O141 MO-6714S-BD6-34H/ 7,000 2 4 2.0 3.2 3 3.2 1:0.7~1:2 7 DC×27 #11 G39/Q141 Upper looper extra high throw type MO-6714S-BE6-34H/ 2 4 2.0 3 1:0.7~1:2 7 DC×27 #11 7,000 4.0 3.2 G39/Q141 M~H MO-6714S-BE6-44H/ 3.2 1:0.7~1:2 7 2 4 20 4.0 3 DC×27 #14 7.000 G39/Q141 MO-6714S-BE7-44H/ 2 4 2.0 4.0 4 3.2 1:0.7~1:2 7 DC×27 #14 7,000

G02/Q141



SUBCLASS

Diversified subclass machines are available. The selection of a machine that best matches the processes in concern are permitted.



Blind hemming
 MO-6705S-0E4-41H/L121
 (L121: Blind stitch hemming attachment)



For gathering
 MO-6714S-BE6-327/S162
 (S162: Swing-type gathering device)



For rolling-in tape
 MO-6745S-ED4-360/N077
 (N077: Clean finish top and bottom)



■ DEVISES AND ATTACHMENTS

Model	Part No.	Description				
Ohair Chair	Chain-off thread trimming device					
T039	MAT-039001A0	and chain-off thread		For 110, 115, 220, 240V		
1037	MAT-039002A0			For 220, 380, 415, 440V		
	MAT-040001A0		I OI SCITII-	For 110, 115, 220, 240V		
T040	MAT-040002A0		sunken type	For 220, 380, 415, 440V		
1040	MAT-040001AA	(number-off-stitch control and electro-	For fully-	For 110, 115, 220, 240V		
	MAT-040002AA	magnetic type)	sunken type	For 220, 380, 415, 440V		
T041	MAT-041000A0A	Pneumatic flat cutter				
T042S	400-45959	Pneumatic side cu	Pneumatic side cutter			

Pneumatic chain-off thread suction device

MC-4	 Specific to chain-off thread, pedal-operated 	
MC-5	AC-5 — Specific to chain-off thread	
MC-8		
MC-9		
MC-24	_	Pneumatic chain-off thread + cloth chips

*The aforementioned devices are not equipped with air regulator.

Please purchase the following components when you need to regulate air pressure.

_	PF-0552010-B0	Air regulator (F.R. unit asm.)	
	GMD-01080000×2	Fixing screw for F.R. unit asm.	
	F1021-003-000	Tube connector (male)	
-	GAS-12063000*	One-touch connector *Selection parts instead of the tube connector	

Auto-lifter

AK32	GAK-320000A0	Pneumatic type (knee-operated)
AK49	GAK-490000A0	Pneumatic type (pedal-operated)
AK52	GAK-520000A0	Pneumatic type (with chain-off thread suction device)
AK101	GAK-A01000A0	Pneumatic type (for servomotor)

[Reference]

Combination table of "chain-off thread suction device" and "auto-lifer" which correspond to "chain-off thread trimming device".

Chain-off thread trimming device		Chain-off thread suction device	Auto-lifter
T039	Т	MC-8	AK101 (JUKI servomotor)
1037	Т	MC-9	— (MC-9 is equipped with auto-lifter.)
T040	 _	MC-5	AK32 (any motor will do)
T040	+	MC-5 MC-24	AK32 (any motor will do) AK32 (any motor will do)
T040	+		
T040	+		

— (MC-9 is equipped with auto-lifter.)

AK52	GAK-520000A0	Pheumatic type (with chain-off thread suction device)	
AK101	GAK-A01000A0	Pneumatic type (for servomotor)	
Model	Part No.	Description	Feature
Gath	ering device		
S159	MAS-159000A0	Swing-type gathering device (interlocked with pedal / for safety stitch machine)	The attachment opens with the presser foot pedal. This facilitates material setting on the machine. Furthermore, knee-control type differential-feed
S160	MAS-160000A0	Swing-type gathering device (interlocked with pedal / for overlock machine)	adjusting device is built in the attachment. It controls a differential-feed ratio as desired, thereby enabling the operator to make beautiful gathers.
S161	MAS-161000A0	Swing-type gathering device (manual-lever operated / for safety stitch machine)	The attachment is used to perform two different processes, joining fabric process and gathering process, at a time.
S162	MAS-162000A0	Swing-type gathering device (manual-lever operated / for overlock machine)	The attachment can be opened/closed by using the lever (manually operated). The differential-feed ratio is controlled with the knee lever.
Blind	hemming device		
L121	MAL-121000A0	Blind stitch hemming attachment	A ruler used for blind hemming in knits
L123	MAL-123000A0	Spring-type folded-edge controlled blind hemming ruler	The bottom ruler moves by a necessary amount when a multi-layered part of material is reached to prevent stitch deviations.
Pipin	g folder		
M056	MAM-0560J0A0	Piping folder	This piping folder makes a piping first, then turns up the tape.
M075	MAM-0750J0A0	Piping folder (to be used with knit tape)	This attachment can be used for both "cotton bias tape with gimp" and "knit tape". The operation mode can be changed over with a fingertip control.
M076	MAM-0760N0A0	Ready-made piping folder	The dimension of ready-made tapes can be adjusted within the range of 8 to 13mm.
M077	MAM-0770M0A0	Piping folder for gathering	The attachment makes gathers on the lower fabric while making decorative piping.
Guide	e, Ruler		
H153	MAH-153000A0	Cloth edge guide ruler (for overlock machine)	A cruing to me colors guide
H154	MAH-154000A0	Cloth edge guide ruler (for safety stitch machine)	A swing type edge guide.
Q141	MAQ-141000B0	Tape guide	This attachment is used attached on the machine head (face plate). It is used for tapes with the width of 7mm or less.
S-084D	MAS-0770M0A0	Pattern guide	For overedging sharp-curved sleeve bottom plackets. With the guide, the machine sews the curved part of sleeve bottom plackets smoothly along the presser foot guide pin.

3 0012	1417 13 07 7014107 10	Tatterri galac		smoothly along the presser foot guide pin.	
Feller	, Binder				
K006	06 MAK-00601000 Upturn feller			This feller is exclusively used with the 3C0 throat plate. It is attached on the throat plate.	
N067	MAN-0670D0A0	Reinforcement tape attachment	binder (finished width: 4mm)	This binder binds the edge of a pocket bag while cutting round its periphery.	
N077	MAN-0770D0A0	Binder for clean finish top and b	oottom	With the binder, the machine simultaneously sews a pocket bag to the front and binds tape to it.	
Misce	ellaneous				
Z173	MAZ-173000A0	Pneumatic chain-off thread s (for 1-needle machines)	uction device	Simplified device for tucking chain-off thread sewn at the beginning of sewing in overlocked seams. (chain-off thread upper clamping method)	
Z195	400-33882	Pneumatic chain-off thread s (for 1-needle machines)	uction device	Simplified device for tucking chain-off thread sewn at the beginning of sewing in overlocked seams. (chain-off thread lower clamping method)	
	131-62557	Needle cooler unit asm.	For overlock machine		
	SS-4091015SP	Screw			
	WP-0371026SD	Washer		Needle cooler	
_	SS-7110840SP	Screw		By silicon oil lubricationg unit for the needle thread.	
	131-63159	Needle cooler unit asm.		By silicon oil lubricationg unit for the needle thread.	
	SS-4091015SP	Screw	For safety stitsch machine		
	WP-0371026SD	Washer			
	131-63902	Presser			
	131-63456	Silicon tank asm.		Needle thread heat remover	
_	131-63803	Felt			
	TA-0950806R0	Rubber plug		By silicon oil lubricating unit for the needle thread.	
	SM-4040855SP	Screw			

■ SPECIFICATIONS

Model name	MO-6704S	MO-6714S	MO-6716S	
Stitch type	1-needle overlock	2-needle overlock	Safety stitching	
Stitch style in the U.S.A.	504	514	516	
Max. sewing speed		7,000rpm		
Stitch length	0.8	~4mm	1.5~4mm	
Needle gauge (mm)	_	2.0, 2.4, 3.2	2.0, 3.2, 4.0, 4.8, 4.8+2.0	
Overedging width (mm)	1.6, 3.2, 4.0, 4.8	3.2, 4.0, 4.8	3.2, 4.0, 4.8, 6.4	
Differential feed ratio	For gathe	ring 1:2 (max. 1:4), For stretching 1:0.7 (max. 1:0.6)	
Needle bar stroke		24.5mm		
Inclination angle of the needle		20°		
Needle mechanism	N	Needle bar method and upper/lower bushing		
Needle		DC×27 (excluding some subclass mode	1)	
Max. lift of the presser foot		7mm (excluding some subclass model)		
Max. presser foot pressure		63.7N (6.5kg)		
Stitch adjusting method		By push-button		
Differential-feed adjusting method		By lever (with micro-adjustment)		
Weight of the machine head		28kg		
Lubrication		Automatic		
Lubricating oil	JI	JKI Machine Oil 18 (equivalent to ISO VC	518)	
Needle cooler		Option		
Needle thread heat remover		Option		
Micro-lifter		Provided as standard		

■ WHEN YOU PLACE ORDERS

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

•	O	
Stitch type	U.S.A	Code
1-needle overlock	504	04
1-needle overlock for blind hemming	505	05
2-needle imitation safety stitch	512	12
2-needle overlock	514	14
2-needle safety stitch	516	16
3-needle safety stitch		43
2-needle double chain stitch		45

Type		Code
Standard		S

Device and attachment	Code
Tape attaching presser foot / Tape guide	G02/Q141
Tape attaching presser foot (for sewing sharp curves)/ Tape guide	G39/Q141
Blind stitch hemming attachment	L121
Swing-type gathering device (interlocked with pedal / for safety stitch machine)	S159
Swing-type gathering device (manual-lever operated / for safety stitch machine)	S161
Swing-type gathering device (manual-lever operated / for overlock machine)	S162
Clean finish top and bottom	N077



Needle gauge (mm)	Overedging width (mm)	Feed dog	Code
_	1.6	2-row	0A4
_	1.6	1-row	0A5
_	3.2	2-row	0D4
_	3.2	3-row	0D6
_	4.0	2-row	0E4
_	4.0	3-row	0E6
_	4.8	2-row	0F4
_	4.8	3-row	0F6
2.0	3.2	2-row	BD4
2.0	3.2	3-row	BD6
2.0	4.0	2-row	BE4
2.0	4.0	3-row	BE6
2.0	4.0	4-row	BE7
2.4	4.0	2-row	CE4
3.2	3.2	3-row	DD6
3.2	4.0	2-row	DE4
3.2	4.0	3-row	DE6
3.2	4.8	3-row	DF6
4.0	3.2	2-row	ED4
4.8	4.8	3-row	FF6
4.8	6.4	3-row	FH6
4.8+2.0	3.2	3-row	1D6
3.2+2.0	3.2	3-row	2D6

Material		Application	Special machine classification	Code
Extra light- to light-weight	Light-weight materials such as men's shirts	Rolled hemming	Standard	150
Light- to medium-weight	Specific to knits	Runstitching	Upper looper extra high throw	20H
		Blind hemming	Standard	210
Light- to medium-weight	For general fabrics	Runstitching	Standard	300
		Runstitching	Upper looper high throw	307
		Gathering	Upper looper high throw	327
		Rolling-in tape	Standard	360
		Soft-chain	Standard	3F0
		Soft-chain	Throat plate and feed dog both provided with a lip	3F6
Medium- to heavy-weight	Specific to knits such as sweaters	Runstitching	Upper looper extra high throw	40H
		Blind hemming	Upper looper extra high throw	41H
		Gathering	Upper looper extra high throw	42H
		Tape attaching	Upper looper extra high throw	44H
		Soft-chain	Upper looper extra high throw	4FH
	Medium- to heavy- weight materials such as denim	Runstitching	Standard	500
		Runstitching	Upper looper high throw	507
		Runstitching	Swim suits	50F
		Runstitching	Upper looper extra high throw	50H
	For heavy-weight materials	Runstitching	Upper looper extra high throw	60H

• To order, please contact your nearest JUKI distributor.







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,

considered.

Zible 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 early system and in the purchase, distribution and sale of the household commodities notuding the healthcap 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.
- $\boldsymbol{\ast}$ This catalogue prints with environment-friendly soy ink on recycle paper.