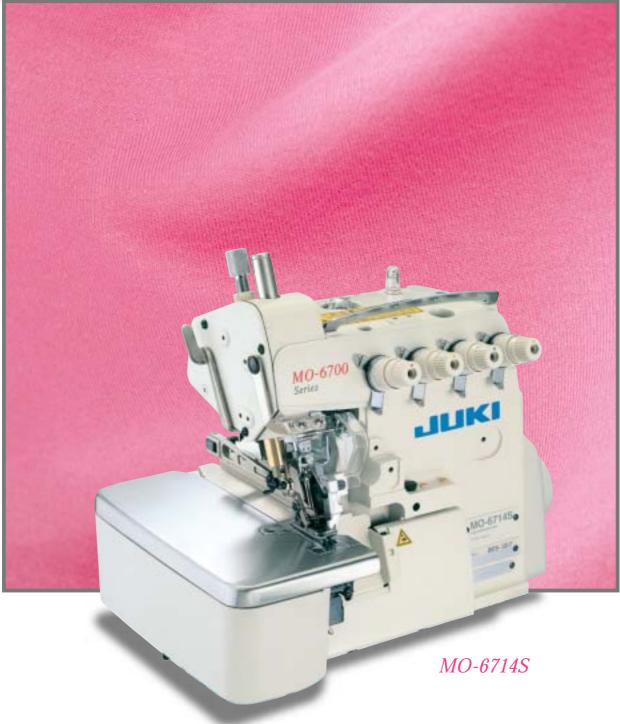


High-speed, overlock / safety stitch machine





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.



MO-6716S

• 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.



• 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.



• 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.



• 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



Remarks

Max.

sewing speed (rpm)

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<1-needle overlock>

• For runstitching in general fabric

	MO-6704S-0D4-300		1	3	-	3.2	2	4	1:0.7 ~ 1:2	7	DC x 27 #11	7,000	
	MO-6704S-0E4-300		1	3	-	4.0	2	4	1:0.7 ~ 1:2	7	DC×27 #11	7,000	
	MO-6704S-0F4-300		1	3	-	4.8	2	4	1:0.7 ~ 1:2	7	DC×27 #11	7,000	
	MO-6704S-0D6-300	1	1	3	-	3.2	3	4	1:0.7 ~ 1:2	7	DC x 27 #11	7,000	
	MO-6704S-0F6-300	L~M	1	3	-	4.8	3	4	1:0.7 ~ 1:2	7	DC x 27 #11	7,000	
	MO-6704S-0D4-3F0		1	3	-	3.2	2	4	1:0.7 ~ 1:2	7	DC x 27 #11	7,000	
	MO-6704S-0E4-3F0		1	3	-	4.0	2	4	1:0.7 ~ 1:2	7	DC x 27 #11	7,000	For soft-chains
	MO-6704S-0D6-3F0		1	3	-	3.2	3	4	1:0.7 ~ 1:2	7	DC x 27 #11	7,000	FOI SOIT-CHAILIS
	MO-6704S-0D4-3F6		1	3	-	3.2	2	4	1:0.7 ~ 1:2	7	DC x 27 #11	7,000	
Ĩ	MO-6704S-0E4-4FH		1	3	-	4.0	2	4	1:0.7 ~ 1:2	7	DC × 27 #11	7,000	For soft-chains Upper looper extra high throw type
	MO-6704S-0E4-40H		1	3	-	4.0	2	4	1:0.7 ~ 1:2	7	DC x 27 #11	7,000	
	MO-6704S-0F4-40H	M~H	1	3	-	4.8	3	4	1:0.7 ~ 1:2	7	DC x 27 #11	7,000	Upper looper extra high throw type
	MO-6704S-0E6-40H		1	3	-	4.0	3	4	1:0.7 ~ 1:2	7	DC x 27 #11	7,000	3
	MO-6704S-0F6-500		1	3	-	4.8	3	4	1:0.7 ~ 1:2	7	DC x 27 #14	7,000	
	MO-6704S-0F6-50H		1	3	-	4.8	3	4	1:0.7 ~ 1:2	7	DC x 27 #14	7,000	Upper looper extra high throw type

e Fo	r blind hemming	L121: Bli	nd stitc	h hemn	ning atta	achment							學習
	MO-6705S-0D4-210/ L121	L~M	1	3	-	3.2	2	4	1:0.7 ~ 1:2	5.5	DC×27 #9	7,000	
- Constant	MO-6705S-0E4-41H/ L121	M~H	1	3	-	4.0	2	4	1:0.7 ~ 1:2	5.5	DC × 27 #9	7,000	Upper looper extra high throw type

For rolled hemming (folded downward)

 0.												·
MO-6704S-0A4-150	FI~I	1	3	-	1.6	2	4	1:0.7 ~ 1:2	5	DC×1#8	7,000	
MO-6704S-0A5-150		1	3	-	1.6	1	4	1:0.7 ~ 1:2	5	DC×1#8	7,000	

<2-needle overlock>

• For runstitching in general fabric

MO-6714S-BD4-307		2	4	2.0	3.2	2	4	1:0.7 ~ 1:2	6.5	DC x 27 #11	7,000	
MO-6714S-BE4-307		2	4	2.0	4.0	2	4	1:0.7 ~ 1:2	6.5	DC x 27 #11	7,000	
MO-6714S-BD6-307	L~M	2	4	2.0	3.2	3	4	1:0.7 ~ 1:2	6.5	DC x 27 #11	7,000	
MO-6714S-BE6-307		2	4	2.0	4.0	3	4	1:0.7 ~ 1:2	6.5	DC x 27 #11	7,000	
MO-6714S-BE6-20H		2	4	2.0	4.0	3	4	1:0.7 ~ 1:2	6.5	DC x 27 #11	7,000	
MO-6714S-BE4-40H		2	4	2.0	4.0	2	4	1:0.7 ~ 1:2	6.5	DC x 27 #11	7,000	Upper looper extra
MO-6714S-BE6-40H		2	4	2.0	4.0	3	4	1:0.7 ~ 1:2	6.5	DC x 27 #11	7,000	high throw type
MO-6712S-CE4-40H	м∼н	2	4	2.4	4.0	2	4	1:0.7 ~ 1:2	6.5	DC x 27 #11	7,000	
MO-6712S-DF6-507		2	4	3.2	4.8	3	4	1:0.7 ~ 1:2	6.5	DC × 27 #14	7,000	For imitation 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 gathering	S162:	Swing-typ	be gath	ering de	evice (m	ianual-levei	r operat	ied)					パ。	P
MO-6714S-BE S162	6-327/	L~M	2	4	2.0	4.0	3	3.2	1:0.9 ~ 1:2.6	6	DC x 27 #11	7,000		

For tape attaching G02, G39: Tape attaching presser foot Q141: Tape guide

-	1 3				51			1 3			10	counte or	
	MO-6714S-BE6-44H/ G39/Q141	M~H	2	4	2.0	4.0	3	3.2	1:0.9~1:2.6	7	DC × 27 #14	7,000	Upper looper extra
	MO-6714S-BE7-44H/ G02/Q141	w~п	2	4	2.0	4.0	4	3.2	1:0.9 ~ 1:2.6	7	DC × 27 #14	7,000	high throw type



龙学士郎兰瓜袋

局部會大学家



Seams	Model No.	Materials	Number of needles	Sumber of threads	→ ⊢ Needle gauge (mm)	Overedging width (mm)	Number of feed dog rows	Stitch length (mm)	Bottom differential- feed ratio	Presser lifting amount (mm)	Needle system	Max. sewing speed (rpm)	Remarks
	ety stitching> runstitching in ger	neral fa	bric						N/) AP	18 1 2		食物难 得
	MO-6716S-DD6-300		2	5	3.2	3.2	3	4	1:0.7 ~ 1:2	7	DC×27 #11	7,000	
	MO-6716S-DD6-3F0		2	5	3.2	3.2	3	4	1:0.7 ~ 1:2	7	DC×27 #11	7,000	For soft-chains
	MO-6716S-DE4-300	L~M	2	5	3.2	4.0	2	4	1:0.7 ~ 1:2	7	DC×27 #11	7,000	
	MO-6716S-DE6-300		2	5	3.2	4.0	3	4	1:0.7 ~ 1:2	7	DC x 27 #11	7,000	
	MO-6716S-FF6-300		2	5	4.8	4.8	3	4	1:0.7 ~ 1:2	7	DC x 27 #11	7,000	
	MO-6716S-BE4-40H		2	5	2.0	4.0	2	4	1:0.7 ~ 1:2	7	DC x 27 #11	7,000	
	MO-6716S-DE4-40H		2	5	3.2	4.0	2	4	1:0.7 ~ 1:2	7	DC x 27 #11	7,000	Upper looper extra
	MO-6716S-DE6-40H]	2	5	3.2	4.0	3	4	1:0.7 ~ 1:2	7	DC×27 #11	7,000	high throw type
THE	MO-6716S-FF6-40H	 м~н	2	5	4.8	4.8	3	4	1:0.7 ~ 1:2	7	DC×27 #11	7,000	
	MO-6716S-DD6-500		2	5	3.2	3.2	3	4	1:0.7 ~ 1:2	7	DC×27 #16	7,000	
	MO-6716S-FF6-500]	2	5	4.8	4.8	3	4	1:0.7 ~ 1:2	7	DC×27 #16	7,000	
	MO-6716S-FF6-50H]	2	5	4.8	4.8	3	4	1:0.7 ~ 1:2	6.5	DC×27 #16	7,000	Upper looper extra
	MO-6716S-FH6-50H]	2	5	4.8	6.4	3	4	1:0.7 ~ 1:2	6.5	DC×27 #16	7,000	high throw type
	MO-6716S-FF6-60H		2	5	4.8	4.8	3	4.5	1:0.9 ~ 1:1.7	5	DC×27 #21	7,000	For jeans
	MO-6716S-FH6-60H	Н	2	5	4.8	6.4	3	4.5	1:0.9 ~ 1:1.7	5	DC×27 #21	7,000	Upper looper extra high throw type
• Fo	gathering \$159: S	Swing-type	gatheri	ng devic	e (interlo	ocked with p	edal)	S161: S	wing-type gath	ering de	vice (manual-lev	er operate	
	MO-6716S-FF6-42H/ S159	М~Н	2	5	4.8	4.8	3	3.2	1:0.9 ~ 1:2.6	6	DC × 27 #14	7,000	Upper looper extra
	MO-6716S-DE4-42H/ S161		2	5	3.2	4.0	2	3.2	1:0.9 ~ 1:2.6	6	DC × 27 #11	7,000	high throw type

• For rolling-in tape N077: Clean finish top and bottom

● For rolling-in tape	1077: Cle	an finisl	n top ar	id botto	m							ҝҝ
MO-6745S-ED4-360/ N077	L~M	2	4	4.0	3.2	2	4	1:0.7 ~ 1:2	5	DC × 27 #14	7,000	2-needle type for double-chainstitch on pocket bags

< 3-needle safety stitching>

< 3-1	needle safety stitch	ning>										<u>í</u>	ten ?
	MO-6743S-1D6-40H	М∼Н	3	6	4.8 +2.0	3.2	3	4	1:0.7 ~ 1:2	6.5	DC×27 #11	7,000	Upper looper extra
	MO-6743S-2D6-40H	IVI~H	3	6	3.2 +2.0	3.2	3	4	1:0.7 ~ 1:2	6.5	DC×27 #11	7,000	high throw type

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)

MO-6700S Series DEVISES AND ATTACHMENTS

Model Part No. Description

Chain-off thread trimming device

GAS-12063000*

 Auto-lifter

 AK32
 GAK-320000A0

 AK49
 GAK-490000A0

AK101 GAK-A01000A0

· · ·										
T039	MAT-039001A0	One-touch type ta and chain-off thre		For 110, 115, 220, 240V						
1037	MAT-039002A0	trimming device (electromagnetic t	ype)	For 220, 380, 415, 440V						
	MAT-040001A0	Automatic tape cutter + chain-off thread	For semi-	For 110, 115, 220, 240V						
T040	MAT-040002A0	trimming device	sunken type	For 220, 380, 415, 440V						
1040	MAT-040001AA	(number-off-stitch	For fully-	For 110, 115, 220, 240V						
	MAT-040002AA	magnetic type)	sunken type	For 220, 380, 415, 440V						
T041	MAT-041000A0A	Pneumatic flat cut	ter							
T042	MAT-042000A0	Pneumatic side cu	utter (for ov	erlock machine)						
Blow	Blower-type chain-off thread suction device									
MC-7A		Blower-type chain	-off thread	suction device + cloth chips						
🛑 Pneu	matic chain-off thre	ad suction device	е							
MC-4		Specific to chain-o	off thread, p	pedal-operated						
MC-5		Specific to chain-o	off thread							
MC-8		Pneumatic chain-o	off thread +	- cloth chips						
MC-9		Function of MC-8	+ auto-lifte	r						
MC-24		Pneumatic chain-off thread + cloth chips								
	prementioned devices an purchase the following									
	PF-0552010-B0	Air regulator (F.R.	unit asm.)							
	GMD-01080000 × 2	Fixing screw for F.	R. unit asm	1.						
	F1021-003-000	Tube connector (r	nale)							

One-touch connector * Selection parts instead of the tube connector

Pneumatic type (knee-operated) Pneumatic type (pedal-operated)

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
		MC-7A	AK101 (JUKI servomotor)
T039	$\left +\right $	MC-8	AK101 (JUKI servomotor)
		MC-9	(MC-9 is equipped with auto-lifter.)
	1	MC-7A	AK32 (any motor will do)
T040	+	MC-5	AK32 (any motor will do)
	· .	MC-24	AK32 (any motor will do)
		MC-7A	AK49 (Motors other than JUKI servomotors are applicable.)
T041	+	MC-7A	
or	+	MC-7A MC-4	servomotors are applicable.)
	+		servomotors are applicable.)

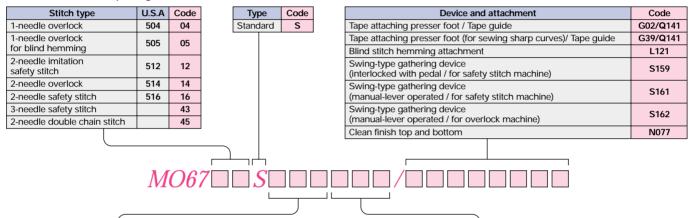
Model	Part No.	Descri	ption	Feature						
Gath	ering device									
S159	MAS-159000A0	Swing-type gathering device (interlocked with pedal / for s		The attachment opens with the presser foot pedal. This facilitates material setting on the machine. Furthermore, knee-control type differential-feed						
S160	MAS-160000A0	Swing-type gathering device (interlocked with pedal / for c	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		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		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 attachr	ment	A ruler used for blind hemming in knits						
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	h knit tape)	This attachment can be used for both "cotton bias tape with gimp" and "knit tap 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 13mr						
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 o	verlock machine)							
H154	MAH-154000A0	Cloth edge guide ruler (for sa	afety 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.						
Feller	, Binder									
K006	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.						
Misce	ellaneous	•								
	131-62557	Needle cooler unit asm.								
	SS-4091015SP	Screw	1							
	WP-0371026SD	Washer	For overlock machine							
	SS-7110840SP	Screw	1	Needle cooler						
	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	1							
	131-63902	Presser	•							
	131-63456	Silicon tank asm.		Needle thread heat remover						
	131-63803	Felt		Needle thread heat remover By silicon oil lubricating unit for the peedle thread						
	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 gathering 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	Needle bar method and upper/lower bushing			
Needle	DC × 27 (excluding some subclass model)			
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	JUKI Machine Oil 18 (equivalent to ISO VG18)			
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:



Needle gauge (mm)	Overedging width (mm)	Feed dog	Code
gaage (min)	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

e 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, "Josephane minin the termination and input the recycling, the conservation of the energy and resources, and the recycling, in the research, development, design, distribution, sale and maintenance service of the industrial serving machines, household sewing machines and industrial-use robots, etc. and in the sale and maintenance service of the data terty system and in the purchase, distribution and sale of the household commodities including the healthcare 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.
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