

Super-high-speed, Overlock / Safety Stitch Machine

MO-6900S Series





## High-quality machine with easier operation and increased reliability.

MO-6900

The MO-6900S Series is a new and powerful overlock/safety stitch machine that has been developed to offer increased reliability and ease-of-use, while upgrading seam quality at higher sewing speeds. It responds to a wider range of materials and processes to finish high-quality soft-feeling seams. With the operating noise having been reduced and increased durability ensured, the cost-effective MO-6900S Series is a leading machine in the new era.

*MO-6904S* 



### • 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 8,000 to 8,500rpm. To offer improved sewing capabilities as well as to prevent stitching misshapes, the machine is equipped as standard with the needle thread heat remover and needle cooler.



 Runstitching in general fabric MO-6914S-BE6-307



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

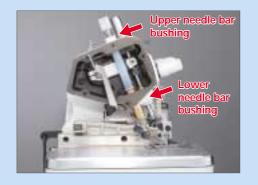
The machine incorporates various mechanisms as standard, such as a differential-feed micro-adjustment mechanism and an external adjustment mechanism for adjusting the feed dog inclination as well as increasing the differential feed ratio, which can be easily adjusted to finish seams that perfectly match 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 introduction of a shield-structured needle bar mechanism and upper and lower needle bar bushings, contributes to increased durability and reliability. Additionally, the machine incorporates an improved feed mechanism and upper looper unit as well as coming standard with a cartridge type oil filter and cooling fan, thereby ensuring enhanced reliability.



# • 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 required (excluding the LB Series). This eliminates both the waste of resources and unwanted extra costs.



## MO-6900S Series

## SUBCLASS MACHINE LIST

Seams	Model No.	L F H Materials	of	S Number of threads	gauge	Overedging width (mm)	J E Stitch	Bottom differential- feed ratio	Presser lifting amount (mm)	Needle system	Max. sewing speed (rpm)		Remarks	
	edle overlock > runstitching in gen	eral fat	oric							K	T	4		Ŵ

### <1-needle overlock>

O-6904S-0E4-300 O-6904S-0F4-300 O-6904S-0D6-300 O-6904S-0E6-300 O-6904S-0F6-300 O-6904S-0F4-3F0	L~M	1 1 1 1	3 3 3 3		4.0 4.8 3.2	2 2 3	4	1:0.7 ~ 1:2 1:0.7 ~ 1:2	7 7	DC×27 #11 DC×27 #11	8,500 8,000	
O-6904S-0D6-300 O-6904S-0E6-300 O-6904S-0F6-300	L~M	1	3					1:0.7 ~ 1:2	7	DC×27 #11	8,000	
O-6904S-0E6-300 O-6904S-0F6-300	L~M	•	-	-	3.2	2						
O-6904S-0F6-300	L~M	1	3			5	4	1:0.7~1:2	7	DC×27 #11	8,500	
	L~M			-	4.0	3	4	1:0.7 ~ 1:2	7	DC×27 #11	8,500	
O-6904S-0D4-3F0		1	3	-	4.8	3	4	1:0.7 ~ 1:2	7	DC×27 #11	8,000	
		1	3	-	3.2	2	4	1:0.7 ~ 1:2	7	DC×27 #11	8,500	
O-6904S-0E4-3F0		1	3	-	4.0	2	4	1:0.7 ~ 1:2	7	DC×27 #11	8,500	For coff chains
O-6904S-0D6-3F0		1	3	-	3.2	3	4	1:0.7 ~ 1:2	7	DC×27 #11	8,500	For soft-chains
O-6904S-0D4-3F6		1	3	-	3.2	2	4	1:0.7 ~ 1:2	7	DC×27 #11	8,500	
O-6904S-0E4-4FH		1	3	-	4.0	2	4	1:0.7 ~ 1:2	7	DC×27 #11	7,500	For soft-chains Upper looper extra high throw type
O-6904S-0E4-40H	M~H	1	3	-	4.0	2	4	1:0.7 ~ 1:2	7	DC×27 #11	7,500	Upper looper
O-6904S-0E6-40H		1	3	-	4.0	3	4	1:0.7 ~ 1:2	7	DC×27 #11	7,500	extra high throw type
O-6904S-0F6-500		1	3	-	4.8	3	4	1:0.7 ~ 1:2	7	DC×27 #14	8,000	
O-6904S-0F6-50H		1	3	-	4.8	3	4	1:0.7 ~ 1:2	7	DC×27 #14	7,500	Upper looper extra high throw type
	0-6904S-0D6-3F0 0-6904S-0D4-3F6 0-6904S-0E4-4FH 0-6904S-0E4-40H 0-6904S-0E6-40H 0-6904S-0F6-500	0-6904S-0D6-3F0         0-6904S-0D4-3F6         0-6904S-0E4-4FH         0-6904S-0E4-40H         0-6904S-0E6-40H         0-6904S-0F6-50H	0-6904S-0D6-3F0       1         0-6904S-0D4-3F6       1         0-6904S-0E4-4FH       1         0-6904S-0E4-40H       1         0-6904S-0E6-40H       1         0-6904S-0F6-500       1         0-6904S-0F6-50H       1	0-6904S-0D6-3F0     1     3       0-6904S-0D4-3F6     1     3       0-6904S-0E4-4FH     1     3       0-6904S-0E4-40H     1     3       0-6904S-0E6-40H     1     3       0-6904S-0F6-500     1     3       0-6904S-0F6-50H     1     3	0-6904S-0D6-3F0     1     3     -       0-6904S-0D4-3F6     1     3     -       0-6904S-0E4-4FH     1     3     -       0-6904S-0E4-40H     M~H     1     3     -       0-6904S-0E6-40H     M~H     1     3     -       0-6904S-0F6-500     1     3     -       0-6904S-0F6-50H     1     3     -	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0-6904S-0D6-3F0       1       3       -       3.2       3       4       1:0.7~1:2       7       DC×27 #11         0-6904S-0D4-3F6       1       3       -       3.2       2       4       1:0.7~1:2       7       DC×27 #11         0-6904S-0D4-3F6       1       3       -       3.2       2       4       1:0.7~1:2       7       DC×27 #11         0-6904S-0E4-4FH       1       3       -       4.0       2       4       1:0.7~1:2       7       DC×27 #11         0-6904S-0E4-40H       M~H       1       3       -       4.0       2       4       1:0.7~1:2       7       DC×27 #11         0-6904S-0E6-40H       M~H       1       3       -       4.0       3       4       1:0.7~1:2       7       DC×27 #11         0-6904S-0E6-500       1       3       -       4.0       3       4       1:0.7~1:2       7       DC×27 #11         1       3       -       4.0       3       4       1:0.7~1:2       7       DC×27 #11         0-6904S-0F6-500       1       3       -       4.8       3       4       1:0.7~1:2       7       DC×27 #11	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				

#### mining MO-6905S-0D4-210/ 1:0.7 ~ 1:2 DC×27 #9 1 3 \_ 3.2 2 4 5.5 7,500 L121 Ż Upper looper M~H extra high throw type MO-6905S-0E4-41H/ 1 3 2 1:0.7~1:2 7,500 -4.0 4 5.5 DC × 27 #9 L121

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#### For rolled hemming (folded downward)

MO-6904S-0A4-150		1	3	-	1.6	2	4	1:0.7 ~ 1:2	5	DC×1#8	8,500	
MO-6904S-0A5-150	EL~L	1	3	-	1.6	1	4	1:0.7 ~ 1:2	5	DC×1#8	8,500	

#### <2-needle overlock> unatitahing in ga

edle overlock > runstitching in gene	eral fab	ric								心心	T	RZAR
MO-6914S-BD4-307		2	4	2.0	3.2	2	4	1:0.7 ~ 1:2	6.5	DC x 27 #11	8,000	
MO-6914S-BE4-307		2	4	2.0	4.0	2	4	1:0.7 ~ 1:2	6.5	DC×27 #11	8,000	
MO-6914S-BD6-307	L~M	2	4	2.0	3.2	3	4	1:0.7 ~ 1:2	6.5	DC×27 #11	8,000	
MO-6914S-BE6-307		2	4	2.0	4.0	3	4	1:0.7 ~ 1:2	6.5	DC×27 #11	8,000	
MO-6914S-BE6-20H		2	4	2.0	4.0	3	4	1:0.7 ~ 1:2	6.5	DC×27 #11	7,500	
MO-6914S-BE4-40H		2	4	2.0	4.0	2	4	1:0.7 ~ 1:2	6.5	DC×27 #11	7,500	Upper looper
MO-6914S-BE6-40H		2	4	2.0	4.0	3	4	1:0.7 ~ 1:2	6.5	DC×27 #11	7,500	extra high throw type
MO-6912S-CE4-40H	М∼н	2	4	2.4	4.0	2	4	1:0.7 ~ 1:2	6.5	DC×27 #11	7,500	
MO-6912S-DF6-507		2	4	3.2	4.8	3	4	1:0.7 ~ 1:2	6.5	DC x 27 #14	7,500	For imitation safety-stitching
MO-6912S-DF6-50F		2	4	3.2	4.8	3	4	1:0.7 ~ 1:2	6.5	DC×27 #14	7,500	

For gathering		0 5.	e gather	ring dev	vice (ma	nual-lever o	operate	d)					企业	₩ I
MO-6914S-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	na G	02 G39.	Tane att	taching	nressei	foot O	141· Tar	De quid	<u> </u>		ß	AWA	11 x x x x	<b>P</b>

For	tape attaching G	02, G39:	Tape at	taching	presser	foot Q	141: Tap	be guide	Э
	MO-6914S-BE6-44H/ G39/Q141		2	4	2.0	4.0	3	3.2	1:0.9~1:2.0

ape attacing o	02,007.	iapo an	aorinig	p. 0000.			<u>j</u>	5			of avoid th	
MO-6914S-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
MO-6914S-BE7-44H/ G02/Q141	171~11	2	4	2.0	4.0	4	3.2	1:0.9~1:2.6	7	DC×27 #14	7,000	extra high throw type

Seams	Model No.	L H Materials	Number of needles	of	→ ⊢ 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
	e <b>ty stitching</b> > runstitching in gene	eral fab	oric								<b>} / ₽ /</b> /		爱谢脸《
	MO-6916S-DD6-300		2	5	3.2	3.2	3	4	1:0.7 ~ 1:2	7	DC×27 #11	8,000	
	MO-6916S-DD6-3F0	1	2	5	3.2	3.2	3	4	1:0.7 ~ 1:2	7	DC×27 #11	8,000	For soft-chains
	MO-6916S-DE4-300	L~M	2	5	3.2	4.0	2	4	1:0.7 ~ 1:2	7	DC×27 #11	8,000	
	MO-6916S-DE6-300		2	5	3.2	4.0	3	4	1:0.7 ~ 1:2	7	DC×27 #11	8,000	
	MO-6916S-FF6-300		2	5	4.8	4.8	3	4	1:0.7 ~ 1:2	7	DC×27 #11	8,000	
	MO-6916S-BE4-40H		2	5	2.0	4.0	2	4	1:0.7 ~ 1:2	7	DC×27 #11	7,500	
	MO-6916S-DE4-40H	1	2	5	3.2	4.0	2	4	1:0.7 ~ 1:2	7	DC×27 #11	7,500	Upper looper
	MO-6916S-DE6-40H	1	2	5	3.2	4.0	3	4	1:0.7 ~ 1:2	7	DC×27 #11	7,500	extra high throw typ
TITE	MO-6916S-FF6-40H	1	2	5	4.8	4.8	3	4	1:0.7 ~ 1:2	7	DC×27 #11	7,500	
	MO-6916S-DD6-500	M~H	2	5	3.2	3.2	3	4	1:0.7 ~ 1:2	7	DC×27 #16	8,000	
	MO-6916S-FF6-500	1	2	5	4.8	4.8	3	4	1:0.7 ~ 1:2	7	DC×27 #16	8,000	
	MO-6916S-DF6-50H		2	5	3.2	4.8	3	4	1:0.7 ~ 1:2	6.5	DC×27 #16	7,500	
	MO-6916S-FF6-50H	]	2	5	4.8	4.8	3	4	1:0.7 ~ 1:2	6.5	DC×27 #16	7,500	Upper looper extra high throw typ
	MO-6916S-FH6-50H		2	5	4.8	6.4	3	4	1:0.7 ~ 1:2	6.5	DC×27 #16	7,500	
	MO-6916S-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-6916S-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
For	gathering S159: Sv MO-6916S-FF6-42H/	ving-type (				ked with peo				-	ice (manual-leve		, <b>x x</b> @ (
	S159		2	5	4.8	4.8	3	3.2	1:0.9~1:2.6	6	DC × 27 #14	7,000	Upper looper
	MO-6916S-DE4-42H/ S161	M~H	2	5	3.2	4.0	2	3.2	1:0.9~1:2.6	6	DC×27 #11	7,000	extra high throw typ
For	rolling-in tape No	077: Clear	n finish	top and	botton	n							<b>R</b>
	MO-6945S-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-ne	eedle safety stitch	ing>											
~	MO-6943S-1D6-40H		3	6	4.8	3.2	3	4	1:0.7~1:2	6.5	DC × 27 #11	7,500	

DC x 27 #11 7,500 MO-6943S-1D6-40H 3.2 4 1:0.7 ~ 1:2 6.5 6 3 3 +2.0 Upper looper M~H extra high throw type 4.8 MO-6943S-1D6-50H 3 6 3.2 3 4 1:0.7~1:2 6.5 DC x 27 #11 7,500 +2.0

## **SUBCLASS**

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



 Blind hemming MO-6905S-0E4-41H/L121 (L121: Blind stitch hemming attachment)



• For gathering MO-6914S-BE6-327/S162 (S162: Swing-type gathering device)



• For rolling-in tape MO-6945S-ED4-360/N077 (N077: Clean finish top and bottom)

## MO-6900S Series

#### DEVISES AND ATTACHMENTS Part No. Description

## Model

Cha	in-off thread tri	mming device	CONTRACTOR	
T039	MAT-039001A0	One-touch type ta and chain-off thre		For 110, 115, 220, 240V
1039	MAT-039002A0	trimming device (electromagnetic	type)	For 220, 380, 415, 440V
	MAT-040001A0	Automatic tape cutter + chain-off thread	For semi-	For 110, 115, 220, 240V
T040	MAT-040002A0	+ chain-oir thread trimming device	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 cut	ter	
T042	MAT-042000A0	Pneumatic side cu	utter	
Blov	wer-type chain-o	off thread suct	tion dev	ice
MC-7A		Blower-type chain	-off thread	suction device + cloth chips
Pne	umatic chain-of	f thread suction	on devic	e
MC-4		Specific to chain-	off thread,	pedal-operated
MC-5		Specific to chain-	off thread	

MC-8 Pneumatic chain-off thread + cloth chips MC-9 Function of MC-8 + auto-lifter MC-24 Pneumatic chain-off thread + cloth chips

\* The aforementioned devices are not equipped with an air regulator Please purchase the following components when you need to regulate air pressure.

Part No.

MAS-159000A0

MAS-160000A0

MAS-161000A0

MAS-162000A0

Blind hemming device MAL-121000A0

MAL-122001A0

MAL-122002A0

MAL-122001AA

MAL-122002AA

MAL-123000A0

MAM-0560J0A0

MAM-0750 J0A0

MAM-0760N0A0

MAM-0770M0A0

MAH-153000A0

MAH-154000A0

MAQ-141000B0

MAS-084000AD

Piping folder

Guide, Ruler

Gathering device

Model

S159

S160

S161

S162

L121

L122

L123

M056

M075

M076

M077

H153

H154

Q141

S084D

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
1.0	

Aut	o-lifter	
AK25	GAK-250000A0	Electromagnetic type
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)
AK65	GAK-650000A0	Electromagnetic type
AK101	GAK-A01000A0	Pneumatic type (for servomotor)

Swing-type gathering device

Swing-type gathering device

Swing-type gathering device

Swing-type gathering device

Automatic

folded-edge

Piping folder

Tape guide

Pattern guide

controlled blind hemming device

Blind stitch hemming attachment

(interlocked with pedal / for safety stitch machine)

(manual-lever operated / for safety stitch machine)

Spring-type folded-edge controlled bottom hemming

(interlocked with pedal / for overlock machine)

(manual-lever operated / for overlock machine)

Piping folder (to be used with knit tape)

Cloth edge guide ruler (for overlock machine)

Cloth edge guide ruler (for safety stitch machine)

Ready-made piping folder

Piping folder for gathering

#### [Reference]

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

type) For 220, 380, 415, 440V					
For semi- For 110, 115, 220, 240V		Chain-off	1	Chain-off	
curken ture		thread		thread	Auto-lifter
101 220, 300, 413, 4400		trimming device		suction device	
For fully- For 110, 115, 220, 240V		device		device	AK65 (Electronic-stop motor or AC servomotor)
sunken type For 220, 380, 415, 440V				MC-7A	AK101 (JUKI servomotor)
tter		T039	+		AK65 (Electronic-stop motor or AC servomotor)
utter		1037	l'	MC-8	AK101 (JUKI servomotor)
tion device				MC-9	(MC-9 is equipped with an auto-lifter.)
n-off thread suction device + cloth chips	1			1010 /	(mo ) is equipped with an acto inter.)
on device	'				
off thread, pedal-operated	1				AK32 (any motor will do)
off thread				MC-7A	AK65 (Electronic-stop motor or AC servomotor)
off thread + cloth chips		T040	+	MC-5	AK32 (any motor will do)
+ auto-lifter				MC-24	AK32 (any motor will do)
off thread + cloth chips					
•	]				
h an air regulator. you need to regulate air pressure.	,		1		AK49 (Motors other than JUKI servomotors are applicable.)
unit asm.)				MC-7A	AK65 (Electronic-stop motor or AC servomotor)
R. unit asm.					AK101 (JUKI servomotor)
male)		T041			AK52 (any motor will do)
ctor instead of the tube connector		041 or T042	+	*	* AK52 is equipped with a chain-off thread suction device.
		10 /2		MC-4	AK65 (Electronic-stop motor or AC servomotor)
уре	1				AK65 (Electronic-stop motor or AC servomotor)
(nee-operated)				MC-8	AK101 (JUKI servomotor)
pedal-operated)				MC-9	(MC-9 is equipped with an auto-lifter.)
vith chain-off thread suction device)					
	1				
ype					
ype for servomotor)					
for servomotor)					
					Feature
or servomotor) Description ring device pedal / for safety stitch machine)	settin	ig on the ma	nchir	e. Furthern	resser foot pedal. This facilitates material hore, a knee-control type differential-feed
or servomotor) Description ring device pedal / for safety stitch machine) ring device	settin adjus	g on the ma ting device i	ichir is bu	ie. Furthern iilt in the atta	resser foot pedal. This facilitates material hore, a knee-control type differential-feed
or servomotor) Description  ring device pedal / for safety stitch machine)  ring device pedal / for overlock machine)  ring device pring device	settin adjus desire	g on the ma ting device ed, thereby	ichir is bu enab	e. Furthern ilt in the atta ling the ope	resser foot pedal. This facilitates material nore, a knee-control type differential-feed achment. It controls a differential-feed ratio
or servomotor)  Description  ring device pedal / for safety stitch machine)  ring device pedal / for overlock machine)  ring device erated / for safety stitch machine)	settin adjus desire The a proce	g on the ma ting device ed, thereby attachment is ess and gath	is bu enat s use ering	e. Furthern illt in the atta bling the ope ed to perform g process, a	resser foot pedal. This facilitates material hore, a knee-control type differential-feed achment. It controls a differential-feed ratio erator to make beautiful gathers. In two different processes, joining fabric t a time.
or servomotor)  Description  ring device poedal / for safety stitch machine)  ring device poedal / for overlock machine)  ring device prated / for safety stitch machine)  ring device	settin adjus desire The a proce	g on the ma ting device ed, thereby attachment is ess and gath attachment o	is bu enat s use ering an t	e. Furthern illt in the atta bling the ope ed to perforr g process, a be opened/c	resser foot pedal. This facilitates material nore, a knee-control type differential-feed achment. It controls a differential-feed ratio erator to make beautiful gathers. m two different processes, joining fabric t a time. losed by using the lever (manually operated
Description Description Description Description Declal / for safety stitch machine) ring device Declal / for overlock machine) ring device Derated / for safety stitch machine) ring device Description Descriptio	settin adjus desire The a proce	g on the ma ting device ed, thereby attachment is ess and gath attachment o	is bu enat s use ering an t	e. Furthern illt in the atta bling the ope ed to perforr g process, a be opened/c	resser foot pedal. This facilitates material hore, a knee-control type differential-feed achment. It controls a differential-feed ratio erator to make beautiful gathers. In two different processes, joining fabric t a time.
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Description         Description         Image device pedal / for safety stitch machine)         pring device pedal / for overlock machine)       pring device pedal / for safety stitch machine)         rring device pedal / for safety stitch machine)       pring device pedal / for overlock machine)         rring device perated / for overlock machine)       pring device pedal / for overlock machine)         ring attachment       For flat         For flat       For 110, 115, 220, 240V         upper knife       For 220, 380, 415, 440V         For square       For 110, 115, 220, 240V         upper knife       For 220, 380, 415, 440V         -edge controlled bottom hemming device       pring folder         pathering       pring folder         pathering       ruler (for overlock machine)	settin adjus desirr The a procc The a The c The a The c The a The c The a The c The a The	g on the ma ting device ed, thereby ttachment is ess and gath ttachment of ifferential-fe er used for b ttachment a , it makes th n the overlag e will move s piping folder attachment c peration mo imension of i ttachment m ing type edge	achir is bu enab s use eering an b eed r blind autor e ne pped suffic read an b de c read suffic s use s use s s use	e. Furtherm ilit in the atta- ilit in the atta- de opened/c atio is contri- hemming ir natically det e de enter the il section of a ciently to pre- kes a piping e used for ba an be chang y-made tapes is gathers on uide. ed attached th the width	resser foot pedal. This facilitates material nore, a knee-control type differential-feed achment. It controls a differential-feed arator to make beautiful gathers. In two different processes, joining fabric t a time. losed by using the lever (manually operated olled with the knee lever. In knits tects the overlapped section of a material. The material deeper to prevent stitch deviatio a material is reached, the blind hemming event stitch deviation. If irst, then turns up the tape. oth "cotton bias tape with gimp" and "knit tape ed over with a fingertip control. Is can be adjusted within the range of 8 to 13mm the lower fabric while making decorative pipir on the machine head (face plate). of 7mm or less.
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Feller, Binder MAK-00601000 K006 Upturn feller This feller is exclusively used with the 3C0 throat plate. It is attached on the throat plate. MAN-0670D0A0 Reinforcement tape attachment binder This binder binds the edge of a pocket bag while cutting round its periphery. N067 MAN-077000A0 Clean finish top and bottom This binder runstitches a pocket bag and binding its periphery with tape simultaneously. N077 Miscellaneous

			It sews chain-off thread at the start of sewing inside overedged seam.
Z173	MAZ-173000A0	Backlatch device (for 1-needle overlock machine)	With this device, the operator is no longer required to neatly arrange the chain-
			off thread. Rolled-in chain-off thread also works as a simplified bartack.

## WHEN YOU PLACE ORDERS

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

Туре

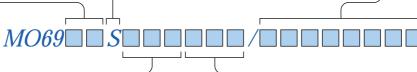
Standard

Code

S

U.S.A	Code
504	04
505	05
512	12
514	14
516	16
	43
	45
	504 505 512 514

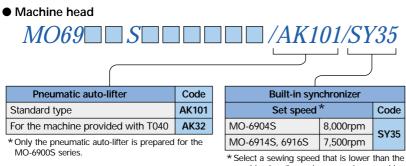
Device and attachment	Code
Tape attaching presser foot / Tape guide	G02/Q141
Tape attaching presser foot (for sewing sharp curves)/ Tape guide	G39/Q141
Blind stitch hemming attachment	L121
Swing-type gathering device (interlocked with pedal / for safety stitch machine)	S159
Swing-type gathering device (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

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
	For general fabrics	Runstitching	Standard	300
		Runstitching	Upper looper high throw	307
Light to		Gathering	Upper looper high throw	327
Light- to medium-weight		Rolling-in tape	Standard	360
		Soft-chain	Standard	3F0
		Soft-chain	Throat plate and feed dog both provided with a lip	3F6
	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
Medium- to		Tape attaching	Upper looper extra high throw	44H
		Soft-chain	Upper looper extra high throw	4FH
heavy-weight	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

## AC SERVOMOTOR (SC-380)



\* Select a sewing speed that is lower than the machine head's maximum sewing speed by 500rpm.

• To order, please contact your nearest JUKI distributor.



### **SPECIFICATIONS**

Model name	MO-6904S	MO-6914S	MO-6916S	
Stitch type	1-needle overlock	2-needle overlock	Safety stitching	
Stitch style in the U.S.A.	504	514	516	
Max. sewing speed	8,500rpm	8,000rpm	8,000rpm	
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 bar bushing	Upper/lower bushing method			
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	Provided as standard (excluding MO-6945S)			
Needle thread heat remover	Provided as standard (excluding MO-6945S)			
Micro-lifter	Provided as standard			



JUKI CORPORATION HEAD OFFICE The environmental management system to promote and conduct Whe technological and technical research, the development and design of the products in which the environmental impact is considered,

Desain or the process in many terms of the encycling, Sithe conservation of the energy and resources, and the recycling, in the research, development, design, distribution, sale and maintenars service of the industrial serving machines, household serving machines and enclosed and the service of the household serving machines and enclosed and the service of the commodities including the healthcare products.



8-2-1, KOKURYO-CHO, CHOFU-SHI, TOKYO 182-8655, JAPAN PHONE : (81) 3-3430-4001 ~ 4 FAX : (81) 3-3430-4909.4914 http://www.juki.com

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 catalog is printed on recycle paper.

APRIL, 2003 Printed in Japan(AD)