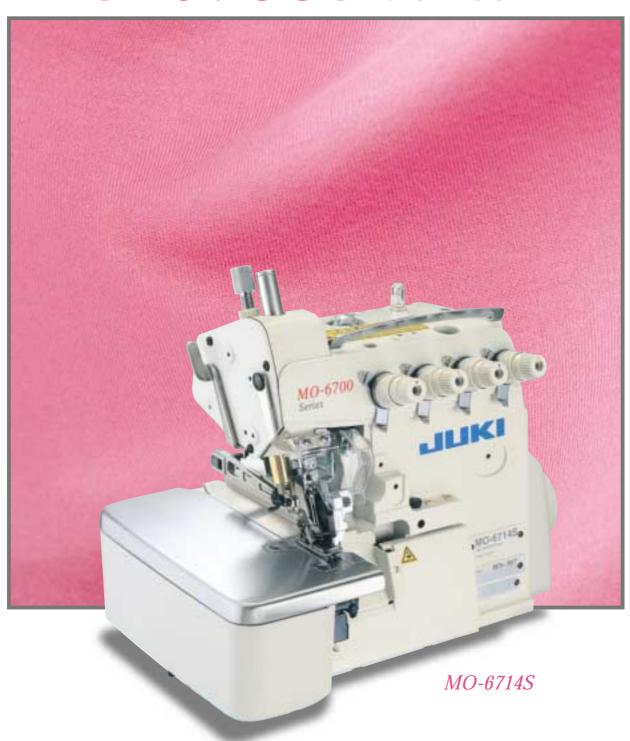


High-speed, overlock / safety stitch machine

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.



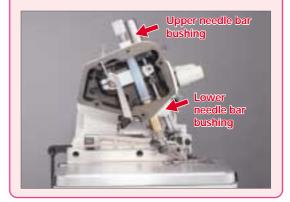
The machine ensures both beautiful and upgraded seam quality at higher speeds.

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.



SURCI ASS MACHINE I IST

S	UBCLASS MA	4 <i>CHI</i>	NE	LIS	T				W 77		- Tay 11		
Seams	Model No.	L H Materials	Number of	Number of	→ ⊢ Needle gauge	Overedging width (mm)	Number of feed dog	Stitch	Bottom differential-	Presser lifting amount	Needle system	Max. sewing speed	Remarks
Seams	Widdel No.	iviateriais		threads	(mm)	widir (iriiri)	rows	(mm)	feed ratio	(mm)	Needle system	(rpm)	
	eedle overlock> runstitching in ger	neral fa	hric								1	T	HAR
- 10	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	3	_	3.2	3	4	1:0.7 ~ 1:2	7	DC×27 #11	7,000	
	MO-6704S-0F6-300	L~M	1	3	_	4.8	3	4	1:0.7 ~ 1:2	7	DC×27 #11	7,000	
	MO-6704S-0D4-3F0		1	3	_	3.2	2	4	1:0.7 ~ 1:2	7	DC×27 #11	7,000	
	MO-6704S-0E4-3F0		1	3	_	4.0	2	4	1:0.7 ~ 1:2	7	DC×27 #11	7,000	For soft-chains
	MO-6704S-0D6-3F0		1	3	_	3.2	3	4	1:0.7 ~ 1:2	7	DC×27 #11	7,000	
	MO-6704S-0D4-3F6		1	3	_	3.2	2	4	1:0.7 ~ 1:2	7	DC×27 #11	7,000	
	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×27 #11	7,000	Tilgir till ov type
	MO-6704S-0F4-40H	M∼H	1	3	_	4.8	3	4	1:0.7 ~ 1:2	7	DC×27 #11	7,000	Upper looper extra
	MO-6704S-0E6-40H		1	3	_	4.0	3	4	1:0.7 ~ 1:2	7	DC×27 #11	7,000	high throw type
	MO-6704S-0F6-500		1	3	_	4.8	3	4	1:0.7 ~ 1:2	7	DC×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
Foi	blind hemming	L121: Bli	nd stitc	h hemn	ning att	achment	•	•					MAT WIT
	MO-6705S-0D4-210/				ling att				407.40		DO 07 #0	7.000	
	L121 MO-6705S-0E4-41H/	L~M M~H	1	3	-	3.2 4.0	2	4	1:0.7 ~ 1:2	5.5	DC×27 #9	7,000	Upper looper extra
	L121						_	•				.,	high throw type
FOI	rolled hemming (fo	olded d	ownv						107.10		DO 4 #0	7.000	
	MO-6704S-0A4-150	EL~L	1	3	-	1.6	2	4	1:0.7 ~ 1:2	5	DC x 1 #8	7,000	
A STORE OF THE PERSON OF THE P	MO-6704S-0A5-150		1	3	-	1.6	1	4	1:0.7 ~ 1:2	5	DC×1#8	7,000	
	eedle overlock> runstitching in ger	neral fa	bric								心學:	T A	PLAT
	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	M~H	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	101~11	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	
● Foi	gathering S162:	Swing-typ	oe gath	ering de	evice (m	nanual-levei	operat	ed)					心心中
	MO-6714S-BE6-327/ S162	L~M	2	4	2.0	4.0	3	3.2	1:0.9 ~ 1:2.6	6	DC × 27 #11	7,000	
Fn:	tape attaching	G02, G39	: Tane a	ttachin	g press	er foot	Q141: Ta	ape aui	 de			W IN	PRETE
	MO-6714S-BE6-44H/ G39/Q141		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	M~H	2	4	2.0	4.0	4	3.2	1:0.9 ~ 1:2.6	7	DC×27 #14	7,000	high throw type
											•		

<Safety stitching>

• For runstitching in general fabric



<u> </u>	runstitching in ger	ierai ia	DITC						1940	- 55	AND A TO	6/6	W an an A
	MO-6716S-DD6-300		2	5	3.2	3.2	3	4	1:0.7 ~ 1:2	7	DC x 27 #11	7,000	
	MO-6716S-DD6-3F0		2	5	3.2	3.2	3	4	1:0.7 ~ 1:2	7	DC x 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 x 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 x 27 #11	7,000	high throw type
- ritte	MO-6716S-FF6-40H	M~H	2	5	4.8	4.8	3	4	1:0.7 ~ 1:2	7	DC x 27 #11	7,000	
	MO-6716S-DD6-500	IVI~H	2	5	3.2	3.2	3	4	1:0.7 ~ 1:2	7	DC x 27 #16	7,000	
	MO-6716S-FF6-500		2	5	4.8	4.8	3	4	1:0.7 ~ 1:2	7	DC x 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	Н	2	5	4.8	4.8	3	4.5	1:0.9 ~ 1:1.7	5	DC x 27 #21	7,000	For jeans Upper looper extra
	MO-6716S-FH6-60H	П	2	5	4.8	6.4	3	4.5	1:0.9 ~ 1:1.7	5	DC x 27 #21	7,000	high throw type

● For gathering S159: Swing-type gathering device (interlocked with pedal) S161: S

S161: Swing-type gathering device (manual-lever operated)



MO-6716S-FF6-42H/ S159	M~H	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	IVI ~ IT	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



742	MO-6745S-ED4-360/ I077	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>



MO-6743S-1D6-40H M~H 3 6 4.8 3.2 3 4 1:	1:0.7 ~ 1:2 6.5 DC x 27 #11 7,000 Upper looper extra high throw type
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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)



D	EVISES Al	VD ATTA	CHM	ENTS			
Model	Part No.	Description					
Chair	n-off thread trimmin	g device					
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	For semi-	For 110, 115 ,220, 240V			
T040	MAT-040002A0	+ chain-off thread trimming device	sunken type	For 220, 380, 415, 440V			
T040	MAT-040001AA	(number-off-stitch control and electro-	For fully- sunken type	For 110, 115 ,220, 240V			
	MAT-040002AA	magnetic type)		For 220, 380, 415, 440V			
T041	MAT-041000A0A	Pneumatic flat cut	ter				
T042	MAT-042000A0	Pneumatic side cu	ıtter				
Blow	er-type chain-off th	read suction devi	ice				
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	er			
			66 -1	1.41.1.1			

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.

	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

131-62557

131-63159

131-63902

131-63456

131-63803

TA-0950806R0

SM-4040855SP

SS-4091015SP

WP-0371026SD

SS-7110840SP

SS-4091015SP

WP-0371026SD

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)

Needle cooler unit asm.

Needle cooler unit asm.

Screw

Washer

Screw

Screw

Washer

Presser

Felt

Screw

Silicon tank asm.

Rubber plug

[Reference]

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

tı	Chain-off thread rimming device		Chain-off thread suction device	Auto-lifter				
			MC-7A	AK65 (Electronic-stop motor or AC servomotor)				
			IVIC-7A	AK101 (JUKI servomotor)				
	T039	+	MC-8	AK65 (Electronic-stop motor or AC servomotor)				
			IVIC-6	AK101 (JUKI servomotor)				
			MC-9	(MC-9 is equipped with an auto-lifter.)				
				AK32 (any motor will do)				
			NAC 7A	AK32 (arry motor will do)				
	T040		MC-7A	AK65 (Electronic-stop motor or AC servomotor)				

		MC-7A	AK49 (Motors other than JUKI servomotors are applicable.) AK65 (Electronic-stop motor or AC servomotor) AK101 (JUKI servomotor)
T041 or T042	+	*	AK52 (any motor will do) * AK52 is equipped with a chain-off thread suction device.
		MC-4	AK65 (Electronic-stop motor or AC servomotor)
		MC-8	AK65 (Electronic-stop motor or AC servomotor) AK101 (JUKI servomotor)
		MC-9	(MC-9 is equipped with an auto-lifter.)

MC-24 AK32 (any motor will do)

AK65	GAK-650000A0	Electromagnetic ty	ype						
AK101	GAK-A01000A0	Pneumatic type (fo	or servomo	otor)					
		I							
Model	Part No.		Descri	ption	Feature				
Gath	ering device								
S159	MAS-159000A0	Swing-type gather (interlocked with p		safety stitch machine)	The attachment opens with the presser foot pedal. This facilitates material setting on the machine. Furthermore, a knee-control type differential-feed				
S160	MAS-160000A0	Swing-type gather (interlocked with p			adjusting device is built in the attachment. It controls a differential-feed ratio desired, thereby enabling the operator to make beautiful gathers.				
S161	MAS-161000A0	Swing-type gather (manual-lever ope		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 gather (manual-lever ope		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 hemm	ing attachr	ment	A ruler used for blind hemming in knits				
	MAL-122001A0	Automatic	For flat	For 110, 115 ,220, 240V	J				
	MAL-122002A0	folded-edge		For 220, 380, 415, 440V	The attachment automatically detects the overlapped section of a material.				
L122	MAL-122001AA	controlled blind		For 110, 115 ,220, 240V	Then, it makes the needle enter the material deeper to prevent stitch deviation.				
	MAL-122002AA	hemming device		For 220, 380, 415, 440V					
L123	MAL-123000A0	Spring-type folded-	1	olled bottom hemming device	When the overlapped section of a material is reached, the blind hemming guide will move sufficiently to prevent stitch deviation.				
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 b	e used with	h 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 pipir	ng folder		The dimension of ready-made tapes can be adjusted within the range of 8 to 13mm.				
M077	MAM-0770M0A0	Piping folder for g	athering		The attachment makes gathers on the lower fabric while making decorative pipir				
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.				
S084D	MAS-084000AD	Pattern guide			This attachment is used for overedging a sleeve bottom placket with a sharp curve. It enables the machine to smoothly sew the curved section of a sleeve bottom placket along with the guide pin of the presser foot.				
Feller	r, 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 tap	oe attachm	ent binder	This binder binds the edge of a pocket bag while cutting round its periphery.				
N077	MAN-077000A0	Clean finish top ar	nd bottom		This binder runstitches a pocket bag and binding its periphery with tape simultaneously.				
Misce	ellaneous								
Z173	MAZ-173000A0	Backlatch device ((for 1-need	le overlock machine)	It sews chain-off thread at the start of sewing inside overedged seam. 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.				

For overlock machine

For safety stitsch machine

Needle cooler

Needle thread heat remover

By silicon oil lubricationg unit for the needle thread.

By silicon oil lubricating unit for the needle thread.

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		7000rpm						
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 x 27 (excluding some subclass model)						
Max. lift of the presser foot		7mm (excluding some subclass model)						
Max. presser foot pressure		63.7N (6.5kg)						
Upper knife		Flat knife						
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	J	UKI Machine Oil 18 (equivalent to ISO VG	18)					
Needle cooler		Optional						
Needle thread heat remover		Optional	<u> </u>					
Micro-lifter		Provided as standard	<u> </u>					

WHEN YOU PLACE ORDERS

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

•	-	
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

	Туре	Code]	Device and attachment	
Standard S Tape			Tape attaching presser foot / Tape guide		
		=	Tape attaching presser foot (for sewing sharp curves)/ Tape guide		
				Blind stitch hemming attachment	
Swing-type gathering device (interlocked with pedal / for safety s		Swing-type gathering device (interlocked with pedal / for safety stitch machine)			
				Swing-type gathering device	

S159 S161 Swing-type gathering device S162 (manual-lever operated / for overlock machine) 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	Code
Extra light- to light-weight	Light-weight materials such as men's shirts	Rolled hemming	Standard	150
Light- to	Specific to knits	Runstitching	Upper looper extra high throw	20H
medium-weight		Blind hemming	Standard	210
		Runstitching	Standard	300
		Runstitching	Upper looper high throw	307
Light to		Gathering	Upper looper high throw	327
Light- to medium-weight	For general fabrics	Rolling-in tape	Standard	360
Thousand Worgen		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
		Tape attaching	Upper looper extra high throw	44H
Medium- to		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

• To order, please contact your nearest JUKI distributor.







Code

G02/Q141

G39/Q141 L121



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.

* This catalog is printed on recycle paper.

^{*} Read the instruction manual before putting the machine into service to ensure safety.