DEVICES AND ATTACHMENTS

Existing devices, attachments and gauges for the conventional MO-6000 Series are applicable to the MO-6700DA Series.

Model	Part No.	Description				
Chain-off thread trimming device						
T039	400-44155	One-touch type tape cutter and chain-off thread trimming device	For 110, 115, 200V			
1039	400-44156	(electromagnetic type)	For 220, 240, 380, 415, 440V			
T041S	400-60703	Pneumatic flat cutter				
T042S	400-45967	Pneumatic side cutter	·			

Pneumatic chain-off thread suction device Specific to chain-off thread, pedal-operated Specific to chain-off thread

Pneumatic chain-off thread + cloth chips Function of MC-8 + auto-lifter 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	Fixing screw for F.R. unit asm. (2 pcs.)
_	F1021-003-000	Tube connector (male)
-	GAS-12063000	One-touch connector Selection parts instead of the tube connector

- Auto	, iiitoi	
AK32	GAK-320000B0	Pneumatic type (knee-operated)
AK49	GAK-490000A0	Pneumatic type (pedal-operated)
ΛK101	GAK-A01000A0	Prejumatic type (for servemeter)

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

Chain-off thread trimming device		Chain-off thread suction device	Auto-lifter
T039	┸	MC-8	AK101 (JUKI servomotor)
1039	_	MC-9	 (MC-9 is equipped with auto-lifter.)

	T041S	11S r +	MC-4	_
	or T042S		MC-8	AK101 (JUKI servomotor)
			MC-9	- (MC-9 is equipped with auto-lift

Model	Part No.	Description	Feature			
Gatl	Gathering 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.			

-121	MAL-121000A0	Blind stitch nemming attachment	A ruler used for blind nemming in knits
Dimi	na faldau		

M056	MAM-0560J0A0	Piping folder	This piping folder makes a piping first, then turns up the tape.		
M075			This attachment can be used for both cotton bias tape with gimpandknit 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.		

Guide, Ruler

H153	MAH-153000A0	Cloth edge guide ruler (for overlock machine)	A swing type edge guide.	
H154	MAH-154000A0	Cloth edge guide ruler (for safety stitch machine)	A Swillig type edge guide.	
Q141	MAQ-141000B0		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		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.	

• Feller, Binder

N	1067	MAN-0670D0A0 Reinforcement tape attachment binder (finished width: 4mm)		This binder binds the edge of a pocket bag while cutting round its periphery.
N	1077	MAN-0770F0A0	Clean finish top and bottom (finished width: 5mm)	This binder runstitches a pocket bag and binding its periphery with tape simultaneously

	Misc	Miscellaneous						
	Z195	400-33882	Pneumatic chain-off thread suction device (for 1-needle machines)		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.					
		SS-4091015SP	Screw					
		WP-0371026SD	Washer	For overlock machine				
		SS-7110840SP	Screw		Needle cooler			
	_	131-63159	Needle cooler unit asm.	For safety stitch machine	By silicon oil lubricating unit for the needle thread.			
		SS-4091015SP	Screw					
		WP-0371026SD	Washer					
		SS-7110840SP	Screw					
		131-63902	Presser		Needle thread heat remover By silicon oil lubricating unit for the needle thread.			
		131-63456	Silicon tank asm.					
	_	131-63803	Felt					
		TA-0950806R0	Rubber plug		g and the read and the read.			
		SM-4040855SP	Screw					



MO-6700DA Series

Semi-dry-head, High-speed, Overlock / Safety Stitch Machine





MO-6700DA Series

JUKI's dry-head technology protects the sewing products from oil stains.

SPECIFICATIONS

Model name	MO-6704DA	MO-6714DA	MO-6716DA	
Stitch type	1-needle overlock	2-needle overlock	Safety stitching	
Stitch style in the U.S.A.	504	514	516	
Max. sewing speed		7,000sti/min		
Stitch length	0.8~	·4mm	1.5~4mm	
Needle gauge (mm)	_	2.0, 3.2	3.2, 4.8, 4.8+2.0, 3.2+2.0	
Overedging width (mm)	1.6, 3.2, 4.0, 4.8	2.0, 3.2, 4.0, 4.8	3.2, 4.0, 4.8, 6.4	
Bottom 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 (6.5kgf)		
Stitch adjusting method		By push-button		
Differential-feed adjusting method		By lever (with micro-adjustment)		
Weight of the machine head		28kg		
Lubrication	Automatic (The needle bar me	echanism and upper looper mechani	ism do not require lubrication.)	
Lubricating oil	JUKI I	Machine Oil 18 (equivalent to ISO '	VG18)	
Needle cooler		Option		
Needle thread heat remover		Option		
Micro-lifter		Provided as standard		

*"sti/min" stands for "Stitches per Minute."

■ WHEN YOU PLACE ORDERS

Stitch type	U.S.A	Code	Туре		Code
1-needle overlock	504	04	Semi-dry-h	ead	D
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			

Device and attachment	Code
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 overlock machine)	S162
Clean finish top and bottom	N077
Latch for changing overedging width	E35
•	-

DA CONTRACTOR DE M067

Needle gauge (mm)	Overedging width (mm)	Feed dog	Code
_	1.6	2-row	0A4
_	1.6	1-row	0A5
_	3.2	2-row	0D4
_	4.0	2-row	0E4
_	4.8	3-row	0F6
2.0	2.0	3-row	BB6
2.0	3.2	3-row	BD6
2.0	4.0	3-row	BE6
3.2	4.0	2-row	DE4
3.2	4.0	3-row	DE6
3.2	4.8	2-row	DF4
4.8	4.8	2-row	FF4
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

	Mate	rial	Application	Special machine	Code
		1:	Rolled hemming	Standard	150
	Extra light- to light-weight	Light-weight materials such as men's shirts	Runstitching	Upper looper high throw	207
		Such as mens shirts	Tape attaching	Upper looper extra high throw	24H
		Specific to knits	Runstitching	Upper looper extra high throw	20H
		Specific to kritis	Blind hemming	Standard	210
			Runstitching	Standard	300
			Runstitching	Upper looper high throw	307
	Light- to medium-weight		Gathering	Upper looper high throw	327
		For general fabrics	Tape attaching	Upper looper high throw	347
			Tape attaching	Upper looper extra high throw	34H
			Rolling-in tape	Standard	360
			Runstitching	Anti-material-slip	30P
		On a sife to be its overbook	Runstitching	Upper looper extra high throw	40H
	Medium- to heavy-weight	Specific to knits such as sweaters	Gathering	Upper looper extra high throw	42H
		SWCatcio	Tape attaching	Upper looper extra high throw	44H
		Medium- to heavy-weight	Runstitching	Swim suits	50F
		materials such as denim	Runstitching	Upper looper extra high throw	50H

■ To order, please contact your nearest JUKI distributor.







2-11-1, TSURUMAKI, TAMA-SHI, TOKYO 206-8551, JAPAN PHONE: (81) 42-357-2370

* 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 catalogue prints with environment-friendly soyink on recycle paper.

SEPTEMBER, 2018 Printed in Japan(TN)

MO-6700DA Series

Best selling machine to eliminate oil stains on the sewing product.

JUKI's cutting-edge dry-head technology has been introduced to the MO-6700S, which has an established reputation for its excellent seam quality and higher productivity.

Only the parts which mainly contribute to oil splashes are improved to have dry mechanisms to create the semi-dry-head overlock machine, MO6700DA series. The MO-6700DA Series is the best selling machine to eliminate oil stains on the sewing product.





Oil stains on the sewing product are eliminated.

- Oil splashes are substantially reduced to eliminate oil stains on sewing products, thereby upgrading the finished quality.
- The frequency of stain removal or re-sewing is reduced.
- The machine achieves a practical maximum sewing speed of 7,000sti/min.

Cutting-edge dry technology for achieving a lubrication-free mechanism.

- The needle bar mechanism and upper looper mechanism have been re-designed to require no lubrication.
- The most-advanced dry technologies, such as the special surface treatment applied to the major drive unit and the grease feeding method, contribute to higher durability. The machine does not splash oil after a long-period of use. The grease filler openings are newly provided for the sewing machine on two locations, i.e., one on the upper looper component and the other on the sewing machine frame, thereby improving maintainability.





JUKI ECO PRODUCTS

The MO-6700DA is an eco-friendly product which complies with JUKI ECO PRODUCTS standards for protecting the environment.



• The sewing machine complies with the "Juki Group Green Procurement Guidelines" on the use of hazardous substances, which is stricter than other restrictions, such as those of the RoHS Directive.

For details of JUKI ECO PRODUCTS, refer to: http://www.juki.co.jp/eco_e/index.html

*The RoHS Directive is an EU Directive limiting the use of 6 hazardous substances (lead, hexavalent chromium, mercury, cadmium, PBB and PBDE) in electrical and electronic equipment.

The Juki Green Procurement Guideline is the voluntarily established criteria to eliminate not only the aforementioned six substances, but also other ones which also adversely affect the environment.

SUBCLASS MACHINE LIST

A variety of subclass machines is available.

	7	L > H			↓ ↓	IM-	Number	Ţ	00	Presser		Max.	Remarks
Seams	Model No.	Materials	Number of	of	Needle gauge	Overedging width (mm)	of feed dog	Stitch length	Bottom differential-	lifting amount (mm)	Needle system	sewing speed (sti/min)	

<1-needle overlock>

For runstitching in general fabric

	MO-6704DA-0E4-300		1	3	_	4.0	2	4	1:0.7~1:2	7	DC×27 #11	7,000	
_	MO-6704DA-0E4-307	L~M	1	3	_	4.0	2	4	1:0.7~1:2	7	DC×27 #11	7,000	Upper looper
	MO-6704DA-0F4-307		1	3	_	4.8	2	4	1:0.7~1:2	7	DC×27 #11	7,000	high throw type
- Silitary	MO-6704DA-0E4-40H	NA 11	1	3	_	4.0	2	4	1:0.7~1:2	7	DC×27 #11	7,000	Upper looper extra
	MO-6704DA-0F6-50H	M~H	1	3	_	4.8	3	4	1:0.7~1:2	7	DC×27 #11		high throw type

For blind hemming L121: Blind stitch hemming attachment

M0-6705DA-0D4-210/ L121	L~M	1	3	_	3.2	2	4	1:0.7~1:2	5.5	DC×27 #9	7,000	

For rolled hemming (folded downward)

_	•			•									
	MO-6704DA-0A4-150	FI ~I	1	3	_	1.6	2	4	1:0.7~1:2	5	DC×1 #8 7	,000	
	MO-6704DA-0A5-150		1	3	_	1.6	1	_1	1:0.7~1:2	5	DC×1 #8 7	,000	

<2-needle overlock>

For runstitching in general fabric

	MO-6714DA-BD6-207	EL~L	2	4	2.0	3.2	3	4	1:0.7~1:2	6.5	DC×27 #9	7,000	
	MO-6714DA-BE6-207	LL: L	2	_4	2.0	4.0	3	4	1:0.7~1:2	6.5	DC×27 #9	7,000	Upper looper
	MO-6714DA-BD6-307		2	4	2.0	3.2	3	4	1:0.7~1:2	6.5	DC×27 #11	7,000	high throw type
	MO-6714DA-BE6-307	L~M	2	4	2.0	4.0	3	4	1:0.7~1:2	6.5	DC×27 #11	7,000	
	MO-6714DA-BE6-20H		2	4_	2.0	4.0	3	4	1:0.7~1:2	6.5	DC×27#9	7,000	Upper looper extra
	MO-6714DA-BE6-40H	M~H	2	4	2.0	4.0	3	4	1:0.7~1:2	6.5	DC×27 #11	7,000	high throw type
	MO-6712DA DF6-50F		2	4	3.2	4.8	3	4	1:0.7~1:2	6.5	DC×27 #14	7,000	For swim suits
- 49	MO-6714DA-BB6-30P	y c	2	4	2.0	2.0	3	4	1:0.7~1:2	6.5	DC×27 #11	7,000	
17	MO-6714DA-BD6-30P	L~M	2	4	2.0	3.2	3	4	1:0.7~1:2	6.5	DC×27 #11	7,000	Anti-material-slip
7	MO-6714DA-BE6-30P		2	4	2.0	4.0	3	4	1:0.7~1:2	6.5	DC×27 #11	7,000	

For gathering S162: Swing-type gathering device (manual-lever operated)

MO-6714DA-BE6-327/ \$162	L~M	2	4	2.0	4.0	3	3.2	1:0.9~1:2.6	6	DC×27 #11	7,000	Upper looper high throw type

For tape attaching G39: Tape attaching presser foot Q141: Tape guid

-101	tape attaching GS	is. Tape	allaciiii	ig pres	SEF 1001	Q 14	i. rape	guide					
	MO-6714DA-BD6-24H/ G39/Q141	L~M	2	4	2.0	3.2	3	4	1:0.7~1:2	7	DC×27 #9	7,000	Upper looper extra
	MO-6714DA-BE6-24H/ G39/Q141	EL~L	2	4	2.0	4.0	3	4	1:0.7~1:2	7	DC×27 #9	7,000	high throw type
	MO-6714DA-BD6-347/ G39/Q141		2	4	2.0	3.2	3	4	1:0.7~1:2	-	DC×27 #11	7,000	Upper looper
	MO-6714DA-BE6-347/ G39/Q141	J	2	4	2.0	4.0	3	4	1:0.7~1:2	7	DC×27 #11	7,000	high throw type
	MO-6714DA-BD6-34H/ G39/Q141	M~H	2	4	2.0	3.2	3	4	1:0.7~1:2	7	DC×27 #11	7,000	
	MO-6714DA-BE6-34H/ G39/Q141		2	4	2.0	4.0	3	4	1:0.7~1:2	7	DC×27 #11	7,000	Upper looper extra high throw type
	MO-6714DA-BE6-44H/ G39/Q141		2	4	2.0	4.0	3	4	1:0.7~1:2	7	DC×27 #14	7,000	



Blind hemmingMO-6705DA-0D4-210/L121(L121: Blind stitch hemming attachment)



Gathering
MO-6714DA-BE6-327/S162
(S162: Swing-type gathering device,



• Rolling in tape MO-6745DA-FF4-360/N077 (N077: Clean finish top and bottom)

	3	L > H	Ţ		1	IM-	Number	J T T	00	Presser	_,V	Max.	Remarks
Seams	Model No.	Materials	Number of needles	Number of threads	Needle gauge (mm)	Overedging width (mm)	of feed dog rows	Stitch length (mm)	Bottom differential- feed ratio	lifting amount (mm)	Needle system	sewing speed (sti/min)	

<Safety stitching>

● For runstitching in general fabric E35: Latch for changing overedging width

%	MO-6716DA-DE4-300	L~M	2	5	3.2	4.0	2	4	1:0.7~1:2	7	DC×27 #11	7,000		
	MO-6716DA-DE6-307		2	5	3.2	4.0	3	4	1:0.7~1:2	7	DC×27 #11	7,000	Upper looper	
	MO-6716DA-DF4-307		2	5	3.2	4.8	2	4	1:0.7~1:2	7	DC×27 #11	7,000	high throw type	
	MO-6716DA-DE4-40H	M∼H	2	5	3.2	4.0	2	4	1:0.7~1:2	7	DC×27 #11	7,000		
	MO-6716DA-DE4-40H/ E35		2	5	3.2	4.0	2	4	1:0.7~1:2	7	DC×27 #11	7,000	high throw type	
	MO-6716DA-DF4-40H		2	5	3.2	4.8	2	4	1:0.7~1:2	7	DC×27 #11	7,000		
	MO-6716DA-DE6-40H		2	5	3.2	4.0	3	4	1:0.7~1:2	7	DC×27 #11	7,000		
	MO-6716DA-FF6-307		2	5	4.8	4.8	3	4	1:0.7~1:2	7	DC×27 #11	7,000	Upper looper high throw type	
	MO-6716DA-FF6-40H			2	5	4.8	4.8	3	4	1:0.7~1:2	7	DC×27 #11	7,000	
	MO-6716DA-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-6716DA-FH6-50H		2	5	4.8	6.4	3	4	1:0.7~1:2	6.5	DC×27 #16	7,000	Ther thow type	
	MO-6716DA-DE4-30P	L~M	2	5	3.2	4.0	2	4	1:0.7~1:2	7	DC×27 #11	7,000	Anti-material-slip	
	MO-6716DA-FF4-30P		2	5	4.8	4.8	2	4	1:0.7~1:2	7	DC×27 #11	7,000	Anti-material-slip	

• For gathering S159: Swing-type gathering device (interlocked with pedal)

-		-	-									
MO-6716DA-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 high throw type

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

M0-6745DA-FF4-360/ L~M 2 4 4.8 4.8 2 4 1:0.7~1:2 5 DC×	′ #11 7,000 do	2-needle type fo double-chainstite n on pocket bag

3-needle safety stitching

	-												
	MO-6743DA-1D6-40H	N4 - 11	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-6743DA-2D6-40H	M~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

^{*&}quot;sti/min" stands for "Stitches per Minute."

Anti-material-slip type

The sewing machine is fully equipped with adjusting devices and provisions to effectively prevent puckering of difficult-to-sew materials or new-generation materials.

The operator is able to produce beautifully finished highquality seams without conducting difficult adjustments.

- The locus of feed and feed timing are selected to offer optimum conditions for sewing light-weight materials.
- The machine comes as standard with a low-pressure presser foot that is exclusively designed for light-weight materials and is able to remarkably handle small curves of the material. The presser foot helps the operator control lighter-weight material smoothly on the machine.

The feed mechanism feeds double chainstitch looper thread with consistency, even under a low tension. (Safety stitch machine)

MO-6714DA-

MO-6716DA-□□

