

JUKI®

MO-6700D Series

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



MO-6714D

MO-6700D Series

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

MO-6700D 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, MO6700D series. The MO-6700D Series is the best selling machine to eliminate oil stains on the sewing product.

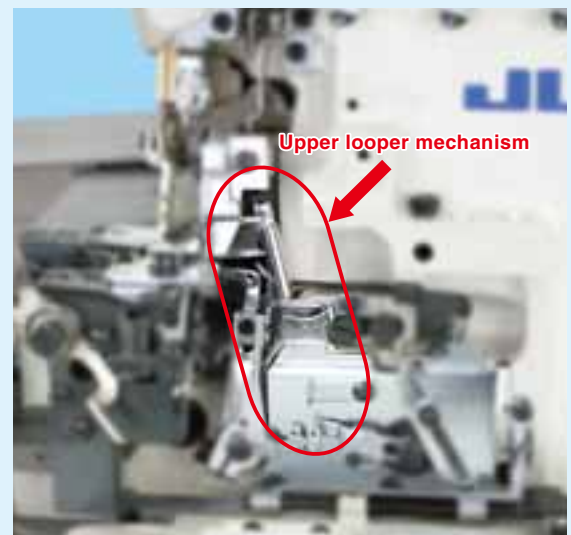
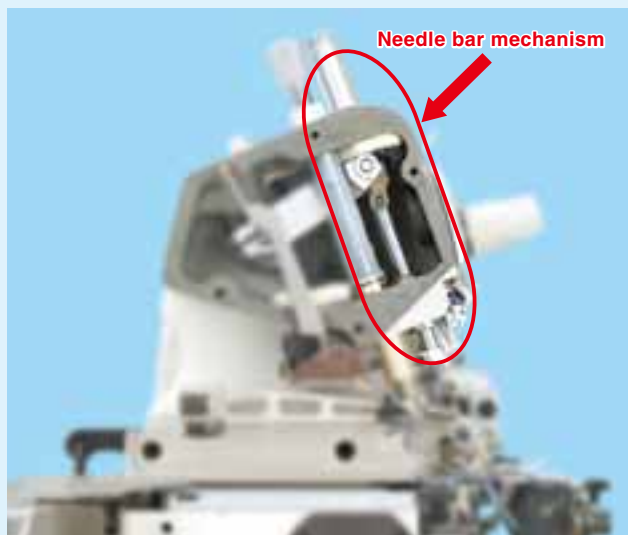


Oil stains on the sewing product are eliminated.

- 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 6,000sti/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.



SUBCLASS MACHINE LIST

A variety of subclass machines is available.

 Seams	 Model No.	 Materials	 Number of needles	 Number 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 (sti/min)	Remarks
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<1-needle overlock>

● For runstitching in general fabric

	MO-6704D-0E4-300	L~M	1	3	—	4.0	2	4	1:0.7~1:2	7	DC×27 #11	6,000	Upper looper high throw type
	MO-6704D-0E4-307		1	3	—	4.0	2	4	1:0.7~1:2	7	DC×27 #11	6,000	
	MO-6704D-0F4-307		1	3	—	4.8	2	4	1:0.7~1:2	7	DC×27 #11	6,000	
	MO-6704D-0E4-40H	M~H	1	3	—	4.0	2	4	1:0.7~1:2	7	DC×27 #11	6,000	Upper looper extra high throw type
	MO-6704D-0F6-50H		1	3	—	4.8	3	4	1:0.7~1:2	7	DC×27 #14	6,000	

● For blind hemming L121: Blind stitch hemming attachment

	MO-6705D-0D4-210/L121	L~M	1	3	—	3.2	2	4	1:0.7~1:2	5.5	DC×27 #9	6,000	
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● For rolled hemming (folded downward)

	MO-6704D-0A4-150	EL~L	1	3	—	1.6	2	4	1:0.7~1:2	5	DC×1 #8	6,000	
	MO-6704D-0A5-150		1	3	—	1.6	1	4	1:0.7~1:2	5	DC×1 #8	6,000	

<2-needle overlock>

● For runstitching in general fabric

	MO-6714D-BE6-207	EL~L	2	4	2.0	4.0	3	4	1:0.7~1:2	6.5	DC×27 #9	6,000	Upper looper high throw type
	MO-6714D-BE6-307	L~M	2	4	2.0	4.0	3	4	1:0.7~1:2	6.5	DC×27 #11	6,000	
	MO-6714D-BE6-40H	M~H	2	4	2.0	4.0	3	4	1:0.7~1:2	6.5	DC×27 #11	6,000	Upper looper extra high throw type
	MO-6712D-DF6-50F		2	4	3.2	4.8	3	4	1:0.7~1:2	6.5	DC×27 #14	6,000	
	MO-6714D-BB6-30P	L~M	2	4	2.0	2.0	3	4	1:0.7~1:2	6.5	DC×27 #11	6,000	Anti-material-slip
	MO-6714D-BD6-30P		2	4	2.0	3.2	3	4	1:0.7~1:2	6.5	DC×27 #11	6,000	
	MO-6714D-BE6-30P		2	4	2.0	4.0	3	4	1:0.7~1:2	6.5	DC×27 #11	6,000	

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

	MO-6714D-BE6-327/S162	L~M	2	4	2.0	4.0	3	3.2	1:0.9~1:2.6	6	DC×27 #11	6,000	Upper looper high throw type
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● For tape attaching G39: Tape attaching presser foot Q141: Tape guide

	MO-6714D-BE6-24H/G39/Q141	EL~L	2	4	2.0	4.0	3	4	1:0.7~1:2	7	DC×27 #9	6,000	Upper looper extra high throw type
	MO-6714D-BD6-347/G39/Q141	M~H	2	4	2.0	3.2	3	4	1:0.7~1:2	7	DC×27 #11	6,000	Upper looper high throw type
	MO-6714D-BE6-347/G39/Q141		2	4	2.0	4.0	3	4	1:0.7~1:2	7	DC×27 #11	6,000	
	MO-6714D-BD6-34H/G39/Q141		2	4	2.0	3.2	3	4	1:0.7~1:2	7	DC×27 #11	6,000	Upper looper extra high throw type
	MO-6714D-BE6-34H/G39/Q141		2	4	2.0	4.0	3	4	1:0.7~1:2	7	DC×27 #11	6,000	
	MO-6714D-BE6-44H/G39/Q141		2	4	2.0	4.0	3	4	1:0.7~1:2	7	DC×27 #14	6,000	



● Blind hemming
MO-6705D-0D4-210/L121
(L121: Blind stitch hemming attachment)



● Gathering
MO-6714D-BE6-327/S162
(S162: Swing-type gathering device, manual-lever operated)



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

DEVICES AND ATTACHMENTS

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

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

● Pneumatic chain-off thread suction device		
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 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-lifter		
AK32	GAK-320000B0	Pneumatic type (knee-operated)
AK49	GAK-490000A0	Pneumatic type (pedal-operated)
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	MC-8	AK101 (JUKI servomotor)
	MC-9	— (MC-9 is equipped with auto-lifter.)
+		
T041S or T042S	MC-4	—
	MC-8	AK101 (JUKI servomotor)
	MC-9	— (MC-9 is equipped with auto-lifter.)

Model	Part No.	Description	Feature
● 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 adjusting device is built in the attachment. It controls a differential-feed ratio as desired, thereby enabling the operator to make beautiful gathers.
S160	MAS-160000A0	Swing-type gathering device (interlocked with pedal / for overlock machine)	
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. The attachment can be opened/closed by using the lever (manually operated). The differential-feed ratio is controlled with the knee lever.
S162	MAS-162000A0	Swing-type gathering device (manual-lever operated / for overlock machine)	

● Blind hemming device			
L121	MAL-121000A0	Blind stitch hemming attachment	A ruler used for blind hemming in knits

● Piping folder			
M056	MAM-0560JOA0	Piping folder	This piping folder makes a piping first, then turns up the tape.
M075	MAM-0750JOA0	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-0760NOA0	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)	
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	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			
N067	MAN-0670DOA0	Reinforcement tape attachment binder (finished width: 4mm)	This binder binds the edge of a pocket bag while cutting round its periphery.
N077	MAN-0770FOA0	Clean finish top and bottom (finished width: 5mm)	This binder runstitches a pocket bag and binding its periphery with tape simultaneously.

● 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.	Needle cooler By silicon oil lubricating unit for the needle thread.
	SS-4091015SP	Screw	
	WP-0371026SD	Washer	
	SS-7110840SP	Screw	
	131-63159	Needle cooler unit asm.	
	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	
	SM-4040855SP	Screw	

													Remarks
Seams	Model No.	Materials	Number of needles	Number 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 (sti/min)	

<Safety stitching>

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

	MO-6716D-DE4-300	L~M	2	5	3.2	4.0	2	4	1:0.7~1:2	7	DC×27 #11	6,000	Upper looper high throw type
	MO-6716D-DE6-307		2	5	3.2	4.0	3	4	1:0.7~1:2	7	DC×27 #11	6,000	
	MO-6716D-DF4-307		2	5	3.2	4.8	2	4	1:0.7~1:2	7	DC×27 #11	6,000	
	MO-6716D-DE4-40H	M~H	2	5	3.2	4.0	2	4	1:0.7~1:2	7	DC×27 #11	6,000	Upper looper extra high throw type
	MO-6716D-DE4-40H/E35		2	5	3.2	4.0	2	4	1:0.7~1:2	7	DC×27 #11	6,000	
	MO-6716D-DE6-40H		2	5	3.2	4.0	3	4	1:0.7~1:2	7	DC×27 #11	6,000	Upper looper high throw type
	MO-6716D-FF6-307		2	5	4.8	4.8	3	4	1:0.7~1:2	7	DC×27 #11	6,000	
	MO-6716D-FF6-40H		2	5	4.8	4.8	3	4	1:0.7~1:2	7	DC×27 #11	6,000	Upper looper extra high throw type
	MO-6716D-FF6-50H		2	5	4.8	4.8	3	4	1:0.7~1:2	6.5	DC×27 #16	6,000	
	MO-6716D-FH6-50H		2	5	4.8	6.4	3	4	1:0.7~1:2	6.5	DC×27 #16	6,000	
	MO-6716D-DE4-30P	L~M	2	5	3.2	4.0	2	4	1:0.7~1:2	7	DC×27 #11	6,000	Anti-material-slip
	MO-6716D-FF4-30P		2	5	4.8	4.8	2	4	1:0.7~1:2	7	DC×27 #11	6,000	

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

	MO-6716D-FF6-42H/S159	M~H	2	5	4.8	4.8	3	3.2	1:0.9~1:2.6	6	DC×27 #14	6,000	Upper looper extra high throw type
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● **For rolling-in tape** N077: Clean finish top and bottom

	MO-6745D-FF4-360/N077	L~M	2	4	4.8	4.8	2	4	1:0.7~1:2	5	DC×27 #11	6,000	2-needle type for double-chainstitch on pocket bags
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● **3-needle safety stitching**

	MO-6743D-1D6-40H	M~H	3	6	4.8+2.0	3.2	3	4	1:0.7~1:2	6.5	DC×27 #11	6,000	Upper looper extra high throw type
	MO-6743D-2D6-40H		3	6	3.2+2.0	3.2	3	4	1:0.7~1:2	6.5	DC×27 #11	6,000	

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

Anti-material-slip type

MO-6714D--30P
MO-6716D--30P

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 high-quality 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)



Double chainstitch looper thread feeding mechanism

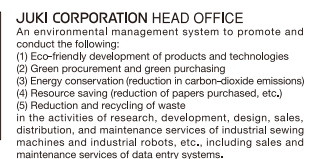


Ple



Material	Application	Special machine	Code
Extra light- to light-weight	Light-weight materials such as men's shirts	Rolled hemming	150
		Runstitching	207
		Tape attaching	24H
Light- to medium-weight	Specific to knits	Blind hemming	210
Light- to medium-weight	For general fabrics	Runstitching	300
		Runstitching	307
		Gathering	327
		Tape attaching	347
		Tape attaching	34H
		Rolling-in tape	360
		Runstitching	30P
Medium- to heavy-weight	Specific to knits such as sweaters	Runstitching	40H
		Gathering	42H
		Tape attaching	44H
	Medium- to heavy-weight materials such as denim	Runstitching	50F
		Runstitching	50H

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2-11-1, TSURUMAKI, TAMA-SHI,
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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.
- * This catalogue prints with environment-friendly soyink on recycle paper.