



# MO-6800D Series

This model of sewing machine has been developed while inheriting JUKI's advanced "dry" technology. JUKI is happy to launch the product which responds to customers' concern about oil stains on the fabric.

JUKI's dry technology has been adopted for the MO-6800S which produces seams of delicate quality and feel as well as achieves excellent cost-effectiveness. This is a semi-dry head overlock machine with the dry mechanism which eliminates oil-splashing problem. As a result, oil stains on the sewn products are eliminated.

### Oil stains on the sewing product are eliminated.

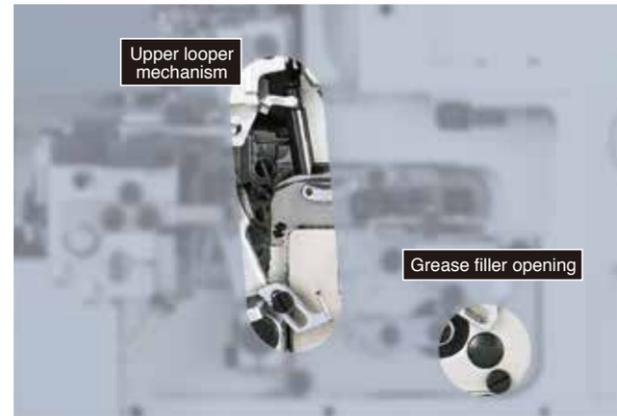
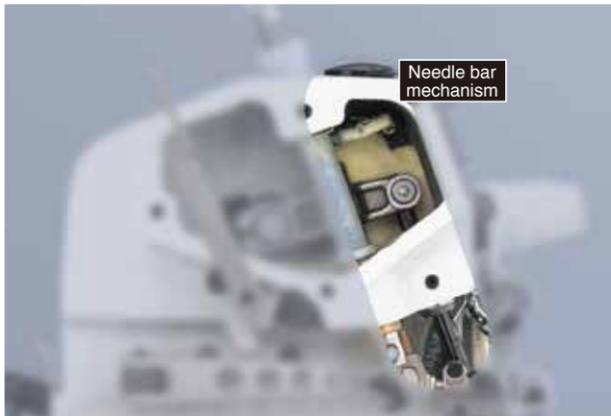
- Oil splashes are substantially reduced to eliminate oil stains on sewing products, thereby upgrading the finished quality.
- The frequency of stain removal or re-sewing is reduced.
- The machine achieves a practical maximum sewing speed of 7,000sti/min.

### 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.



MO-6814D



## DEVICES AND ATTACHMENTS

Model	Part No.	Description
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### Chain-off thread trimming device

T053	70000081	Pneumatic flat cutter
T054	70000082	Pneumatic side cutter (for overlock machine)

### Pneumatic chain-off thread suction device

Model	Part No.	Pneumatic chain-off thread + cloth chips clutch motor	Air type auto-lifter	Clutch motor	Servo motor
MC906	70000085	●		●	
MC919	90182486	●			●
MC910	70000106	●	●	●	
MC921	90182487	●	●		●

### [Reference]

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

Chain-off thread trimming device	Chain-off thread suction device	Auto-lifter
T053 or T054	MC906	Clutch motor
	MC919	servo motor
	MC910	Air type auto-lifter clutch motor
	MC921	Air type auto-lifter servo motor

Model	Part No.	Description	Feature
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### Gathering device

S206	70000089	Swing-type gathering device (interlocked with pedal / for overlock machine)(with BE6 gauge)	The attachment opens with the presser foot pedal. This facilitates material setting on the machine.
S207	70000090	Swing-type gathering device (interlocked with pedal / for safety stitch machine)(with DF6 gauge)	
S208	70000091	Swing-type gathering device (interlocked with pedal / for safety stitch machine)(with FF6 gauge)	

### Guide, tape guide

H253	40159861	Cloth edge guide ruler (for overlock machine)	A swing type edge guide.
H254	40159862	Cloth edge guide ruler (for safety stitch machine)	
Q143	40159863	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.

## SUBCLASS MACHINE LIST

Seams	Model No.	Materials	Number of needles	Number of threads	Needle gauge (mm)	Overedging width	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-6804D-0E4-30H	L~M	1	3	—	4.0	2	3.8	1:0.7~1:2	6.0	DCx27 #11	7,000	
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### ● [ 2-needle overlock ]

For runstitching in general fabric



	MO-6814D-BD6-30H	L~M	2	4	2.0	3.0	3	3.8	1:0.7~1:2	5.5	DCx27 #11	7,000	
	MO-6814D-BE6-40H	M~H	2	4	2.0	4.0	3	3.8	1:0.7~1:2	7.0	DCx27 #11	6,500	
	MO-6814D-BB6-30P	L~M	2	4	2.0	2.0	3	3.8	1:0.7~1:2	5.0	DCx27 #11	7,000	Anti-material-slip
	MO-6814D-BE6-30P		2	4	2.0	4.0	3	3.8	1:0.7~1:2	5.0	DCx27 #11	7,000	

For tape attaching G44: Tape attaching presser foot Q143: Tape guide



	MO-6814D-BD6-24H/ G44/Q143	L~M	2	4	2.0	3.0	3	3.8	1:0.7~1:2	5.5	DCx27 #9	7,000	
	MO-6814D-BE6-24H/ G44/Q143		2	4	2.0	4.0	3	3.8	1:0.7~1:2	5.5	DCx27 #9	7,000	
	MO-6814D-BE6-34H/ G44/Q143		2	4	2.0	4.0	3	3.8	1:0.7~1:2	5.5	DCx27 #11	7,000	
	MO-6814D-BE6-44H/ G44/Q143	M~H	2	4	2.0	4.0	3	3.8	1:0.7~1:2	7.0	DCx27 #14	6,500	

### ● [ Safety stitching ]

For runstitching in general fabric



	MO-6816D-DE4-30H	L~M	2	5	3.0	4.0	2	3.8	1:0.7~1:2	5.5	DCx27 #11	7,000	
	MO-6816D-DE4-30H/ E35		2	5	3.0	4.0	2	3.8	1:0.7~1:2	5.5	DCx27 #11	7,000	
	MO-6816D-FF6-50H	M~H	2	5	5.0	5.0	3	3.8	1:0.7~1:2	7.0	DCx27 #16	6,500	
	MO-6816D-DE4-30P	L~M	2	5	3.0	4.0	2	3.8	1:0.7~1:2	5.0	DCx27 #11	7,000	Anti-material-slip

### ● [ 3-needle safety stitching ]



	MO-6843D-1D6-40H	M~H	3	6	5.0+2.0	3.0	3	3.8	1:0.7~1:2	5.5	DCx27 #11	7,000	
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\*"sti/min" stands for "Stitches per Minute." \*Contact your JUKI distributor for gauge sizes and other information when you place your order.

## Sewn product pictogram

