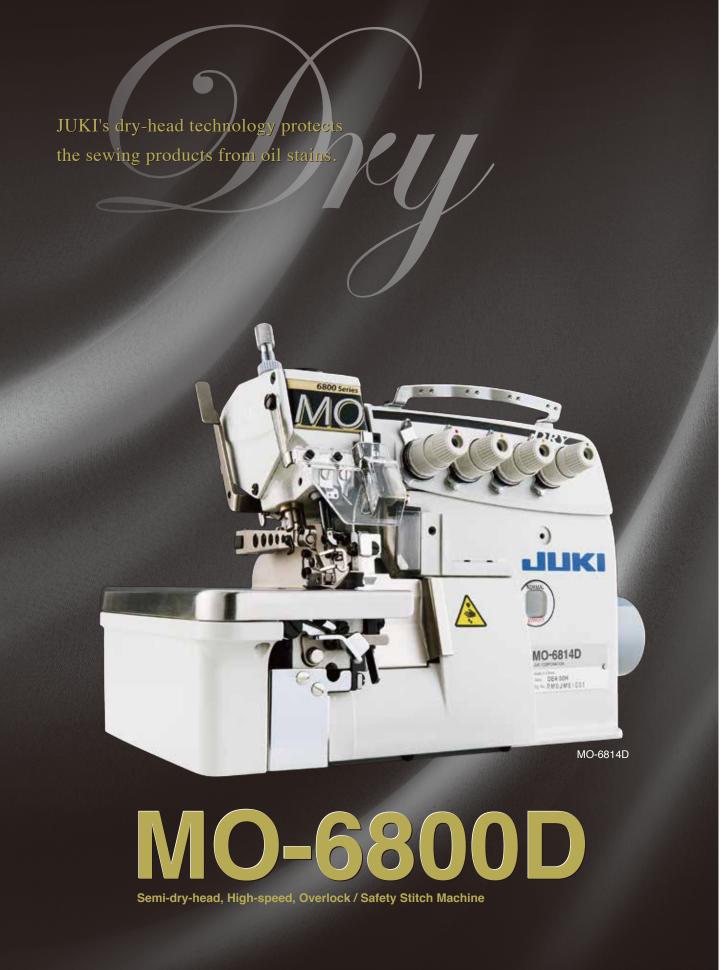


## **MO-6800D Series**

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





#### **■**SPECIFICATIONS

Model name	MO-6804D	MO-6814D	MO-6816D	MO-6843D							
Stitch type	1-needle overlock	2-needle overlock	Safety stitching	3-needle safety stitching							
Stitch style in the U.S.A.	504	514	516	_							
Max. sewing speed		7,000	sti/min								
Stitch lengthpe	0.6~3.8(4.5)mm										
Needle gauge (mm)	_	- 2.0mm 3.0, 5.0mm 5.0+2.0mm									
Overedging width (mm)	4.0mm	2.0, 3.0, 4.0mm	4.0, 5.0mm	3.0mm							
Bottom differential feed ratio		Gathering 1:2 (Max. 1:4), S	tretching 1:0.7 (Max. 1:0.6)								
Needle bar stroke		24.5	imm								
Inclination angle of the needle		20	)°								
Needle mechanism		Lower bush	ing method								
Needle		DC×27 (excluding so	ome subclass model)								
Max. lift of the presser foot		7mm (excluding sor	ne subclass model)								
Max. presser foot pressure		63.7N (	(6.5kgf)								
Stitch adjusting method		By push	n-button								
Differential-feed adjusting method		By lever (with m	icro-adjustment)								
Weight of the machine head		27	kg								
Lubrication	Automatic (The need	dle bar mechanism and upp	er looper mechanism do no	t require lubrication.)							
Lubricating oil		JUKI Machine Oil 18 (e	quivalent to ISO VG18)								
Needle cooler		Provided a	s standard								
Needle thread heat remover		Provided a	s standard								
Micro-lifter		Opt	tion								

<sup>\*</sup>sti/min is the abbreviation for "stitches per minute"

#### **■WHEN YOU PLACE ORDERS**

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

Stitch	type	J.S.A	Code	Туре	ode	Device and attacl	nment	Code				
-needle ov	/erlock	504	04	Semi-dry-head	D Tape attaching	presser foot (for se	ewing sharp curves) /	G44/Q14				
2-needle ov	/erlock	514	14		Tape guide			G44/Q14				
?-needle sa	afety stitch	516	16		Latch for chang	ing overedging wid	dth	E35				
3-needle sa	afety stitch		43									
MO68 D D D D D D D D D D D D D D D D D D D												
Needle	Overedging	Feed			Material	Application	Special machine					
			Codo				opoolal maonino	Code				
gauge (mm)	width (mm)	dog	Codo		Specific to knits	Tape attaching	Standard	Code 24H				
			Code	Light- to	Specific to knits							
	(mm)	dog	Code OE4	Light- to medium-weight	Specific to knits  For general fabrics	Tape attaching	Standard	24H				
(mm) —	(mm) 4.0	dog 2-rov	Code 0 0E4 1 BB6			Tape attaching Runstitching	Standard Standard	24H 30H				
(mm) — 2.0	(mm) 4.0 2.0	dog 2-row 3-row	Code / 0E4 / BB6 / BD6			Tape attaching Runstitching Tape attaching	Standard Standard Standard	24H 30H 34H				
2.0 2.0	(mm) 4.0 2.0 3.0	dog 2-rov 3-rov 3-rov	Code  / 0E4 / BB6 / BD6 / BE6		For general fabrics	Tape attaching Runstitching Tape attaching Runstitching	Standard Standard Standard Anti-material-slip	24H 30H 34H 30P				
2.0 2.0 2.0	(mm) 4.0 2.0 3.0 4.0	2-rov 3-rov 3-rov 3-rov	Code  ( 0E4 ( BB6 ( BD6 ( BE6 ( DE4	medium-weight	For general fabrics Specific to knits	Tape attaching Runstitching Tape attaching Runstitching Runstitching	Standard Standard Standard Anti-material-slip Standard	24H 30H 34H 30P 40H				



JUKI ECO PRODUCTS The MO-6800D 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







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.
   ★ Paper from responsible sources FSC™ C001712

# 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





#### **DEVICES AND ATTACHMENTS**

Model	Part No.	Description											
Chain-off thread trimming device													
T053	70000081	Pneumatic flat cutter											
T054	70000082	Pneumatic side cutter (for overlock machine)											

neumati	c chain-off	thread suction device	
Model	Dort No.	Pneumatic chain-off thread +	1

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-lifer" which correspond to "chain-off thread

MO-6814D

U	
Chain-off thread trimming device	

device		Suction device	
		MC906	Clutch motor
T053	L	MC919	servo motor
or T054	+	MC910	Air type auto-lifter clutch motor
		MC921	Air type auto-lifter servo motor
	•		

	Part No.	Description	Feature					
Gatherin	g device							
S206	70000089	Swing-type gathering device (interlocked with pedal / for overlock machine)(with BE6 gauge)						
S207	70000090	Swing-type gathering device (interlocked with pedal / for safety stitch machine)(with DF6 gauge)	The attachment opens with the presser foot pedal. This facilitates material setting on the machine.					
S208	70000091	Swing-type gathering device (interlocked with pedal / for safety stitch machine)(with FF6 gauge)						
Guide, ta	pe 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)	A swillig type edge guide.					
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**







BREERAR

BROTZAZARÍ

### [ 1-needle overlock ]

For run	stitching in general t	fabric											
	MO-6804D-0E4-30H	L~M	1	3	_	4.0	2	3.8	1:0.7~1:2	6.0	DC×27 #11	7,000	

#### [ 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	DC×27 #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	DC×27 #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	DC×27 #11	7,000	Anti-material-slip
	MO-6814D-BE6-30P	L~IVI	2	4	2.0	4.0	3	3.8	1:0.7~1:2	5.0	DC×27 #11	7,000	Anti-material-slip

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

. 0	or tape attaching and rape attaching procedured arrive rape galace												
	MO-6814D-BD6-24H/ G44/Q143		2	4	2.0	3.0	3	3.8	1:0.7~1:2	5.5	DC×27 #9	7,000	
	MO-6814D-BE6-24H/ G44/Q143	L~M	2	4	2.0	4.0	3	3.8	1:0.7~1:2	5.5	DC×27 #9	7,000	
Capital Control	MO-6814D-BE6-34H/ G44/Q143		2	4	2.0	4.0	3	3.8	1:0.7~1:2	5.5	DC×27 #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	DC×27 #14	6,500	

#### [ Safety stitching ]

For runstitching in general fabric

i oi i uii	istitorining in general i	abiio											
	MO-6816D-DE4-30H	- L~M	2	5	3.0	4.0	2	3.8	1:0.7~1:2	5.5	DC×27 #11	7,000	
	MO-6816D-DE4-30H/ E35		2	5	3.0	4.0	2	3.8	1:0.7~1:2	5.5	DC×27 #11	7,000	
- Indiana	MO-6816D-FF6-50H	M~H	2	5	5.0	5.0	3	3.8	1:0.7~1:2	7.0	DC×27 #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	DC×27 #11	7,000	Anti-material-slip

## ■ [ 3-needle safety stitching ]

<u> </u>	[ 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	DC×27 #11	7,000			

<sup>\*&</sup>quot;sti/min" stands for "Stitches per Minute." \*Contact your JUKI distributor for gauge sizes and other information when you place your order

Sewn	Sewn product pictogram																
		0.7															
UNDER SHIRTS	T-SHIRTS	TROUSERS		SKIRT	DRESS SHIRTS	BLOUSE	POLO SHIRTS	JUMPER	SPORTS WEAR	PAJAMA	KNIT SHIRTS	KNIT WEAR	SUIT	COAT	JEANS	HANDKERCHIEF	SCARF