

MO-6700S-DD, MO-6700DA-DD

/X81056 (with a sensor-type auto lifter, sensor-type chopper/suction unit)

/X81057 (with a sensor-type auto lifter/sensor-type side cutter/suction unit)

/X81059 (with a direct-drive motor)

Direct-drive, Overlock / Safety Stitch Machine



MO-6700-DD

The sewing machine is capable of sewing under three different sewing modes; automatic mode, semi-automatic mode and manual mode.

The desired sewing mode can be selected by use of the operation panel.

Under the automatic mode:

The sewing machine performs sewing automatically without requiring the operator to operate the pedal. The operator is only required to place hands on the material being sewn in order to help feed the material in the correct direction.

Under the semi-automatic mode:

The sewing machine automatically lifts the presser foot and operates the thread trimmer. The operator is required to control the sewing speed with the pedal.

Under the manual mode:

The operator operates the sewing machine by operating the pedal in the similar way as with the general-purpose sewing machines.

Upper and lower transmission sensor / LED light



The upper and lower transmission sensors are installed at the front and rear sections of the needle entry area. With these sensors, the thread trimmer, auto lifter and suction unit are automatically controlled. The timing for sucking chain-off thread and cloth chips is adjustable. The machine is provided not only with these sensors, but also with LED sensors. As a result, the operator's fatigue is reduced since they reduce the frequency of pedal operation.

Direct-drive motor



Thanks to a 550 W high-power direct drive motor, the sewing machine achieves a maximum sewing speed of 7,000 sti/min. The sewing machine quickly starts up and stops with increased accuracy, thereby demonstrating improved responsiveness.

SPECIFICATIONS

Model name	MO-6714DA-DD	MO-6716DA-DD	MO-6704S-DD	MO-6714S-DD	MO-6716S-DD
Stitch type	Semi-dry-head 2-needle overlock	Semi-dry-head Safety stitching	1-needle overlock	2-needle overlock	Safety stitching
Max. sewing speed	7,000sti/min				
Stitch length	0.8~4mm	1.5~4mm	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	—	2.0, 2.4, 3.2	2.0, 3.2, 4.0, 4.8, 4.8+2.0
Overedging width (mm)	2.0, 3.2, 4.0, 4.8	3.2, 4.0, 4.8, 6.4	1.6, 3.2, 4.0, 4.8	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	DC×27 (excluding some subclass model)				
Lubricating oil	JUKI Machine Oil 18 (equivalent to ISO VG18)				
Air consumption	Chain-off thread cutter: 0.99 dm ³ /min [ANR], Side cutter: 0.98 dm ³ /min [ANR]				

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

Standard accessories/supplies of the X81056/X81057/X81059

X No.	Drive mechanism components					Thread trimmer type		Suction device
	Direct-drive motor	Control box	Auto lifter	Sensor	LED light	Chopper	Side cutter	
X81056	●	●	●	●	●	●		●
X81057	●	●	●	●	●		●	●
X81059	●	●						

SUBCLASS MACHINE LIST

Model type	Model No.	X No.	Drive mechanism components												Remarks
			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	sewing speed (sti/min)		
MO-6704S	MO-6704S-0E4-40H	X81056 X81057 X81059	M~H	1	3	0.0	4.0	2	4.0	1:0.7~1:2	7.0	DC×27 #11	7,000	Upper looper extra high throw type	
MO-6714S	MO-6714S-BE6-24H/G39/Q141	X81056 X81057 X81059	EL~L	2	4	2.0	4.0	3	3.2	1:0.9~1:2.6	6.5	DC×27 #14	7,000	Upper looper extra high throw type	
	MO-6714S-BE6-40H	X81056 X81057 X81059	M~H	2	4	2.0	4.0	3	4.0	1:0.7~1:2	6.5	DC×27 #11	7,000	Upper looper extra high throw type	
	MO-6714S-BE6-44H/G39/Q141	X81056 X81057 X81059	M~H	2	4	2.0	4.0	3	3.2	1:0.9~1:2.6	6.5	DC×27 #14	7,000	Upper looper extra high throw type	
MO-6716S	MO-6716S-DE4-40H	X81056 X81059	M~H	2	5	3.2	4.0	2	4.0	1:0.7~1:2	7.0	DC×27 #11	7,000	Upper looper extra high throw type	
	MO-6716S-FF6-40H	X81056 X81059	M~H	2	5	4.8	4.8	3	4.0	1:0.7~1:2	7.0	DC×27 #11	7,000	Upper looper extra high throw type	
MO-6714DA	MO-6714DA-BE6-34H/G39/Q141	X81056 X81057 X81059	M~H	2	4	2.0	4.0	3	4.0	1:0.7~1:2	7.0	DC×27 #11	7,000	Upper looper extra high throw type	
	MO-6714DA-BE6-40H	X81056 X81057 X81059	M~H	2	4	2.0	4.0	3	4.0	1:0.7~1:2	6.5	DC×27 #11	7,000	Upper looper extra high throw type	
MO-6716DA	MO-6716DA-DE4-40H	X81056 X81059	M~H	2	5	3.2	4.0	2	4.0	1:0.7~1:2	7.0	DC×27 #11	7,000	Upper looper extra high throw type	
	MO-6716DA-FF6-40H	X81056 X81059	M~H	2	5	4.8	4.8	3	4.0	1:0.7~1:2	7.0	DC×27 #11	7,000	Upper looper extra high throw type	

*Contact your JUKI distributor for gauge sizes and other information when you place your order.



Registered Organization : JUKI CORPORATION Head Office
The Scope of the Registration : The activities of research, development, design, sales, distribution, and maintenance services of industrial sewing machines, household sewing machines and industrial robots, etc., including sales and maintenance services of data entry systems.

JUKI

JUKI CORPORATION
SEWING MACHINERY BUSINESS UNIT

2-11-1, TSURUMAKI, TAMA-SHI,
TOKYO 206-8551, JAPAN
PHONE : (81) 42-357-2254
FAX : (81) 42-357-2274
<http://www.juki.com>

* 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.
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