

Flat bed double chain stitcher

DB-2610



DB-2660-13D1-100

- Accurate sewing finishes
- Wide applications
- Easy adjustment

Beautiful chain stitch with easy operation

Attractive sewing finish

Accurate sewing finishes

The independently movable needle guard helps to prevent skipped stitches.



Beautiful balloon stitches

The adoption of a new thread path mechanism allows beautiful finished seams to be achieved regardless of the sewing speed. The shape of the balloon can also be adjusted easily.



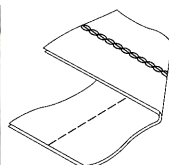
Prevents thread breakage

The needle thread cooler prevents thread breakages due to overheating when sewing at high speeds, so that stable thread tension can be maintained when sewing using synthetic threads.



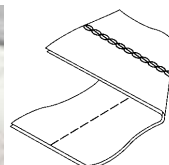
Variety of applications

Single needle, plain stitching



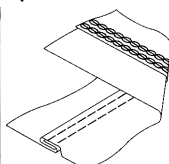
(2610-0011-100)

Tandem needle, plain stitching



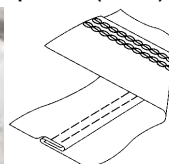
(2610-001T-204)

Twin needle, sewing lap seams



(2610-0012-264)

Twin needle, sewing lap seams (reverse)

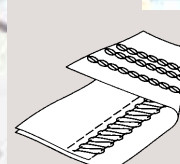


(2610-0015-264)

For pocket facing

Previously it was necessary to use an overlocker to carry out serging, and a lock stitcher for stitching, but this machine now reduces these two processes to a single process.

A forward-back adjustment-type covering thread guide has been adopted. This allows many different types of thread to be used and ensures that stable, attractive finishes are obtained.



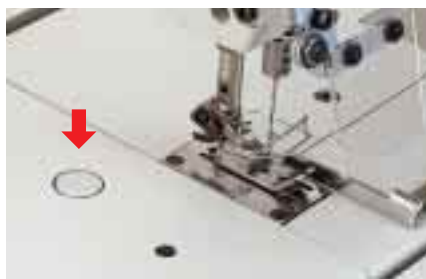
(2610-00DM-3M)

Easy adjustment and maintenance

Easy stitch length adjustment

The stitch length can be adjusted simply by aligning the scale markings on a pulley while pressing a button. The stitch length can also be adjusted freely to any length desired.

The differential feed ratio can be changed by means of an external lever, giving you the flexibility to adapt sewing to the type of material being sewn by sewing stretch or gathering stitches. (2610-00D1-100)



Micro-adjustment of the forward and backward looper movement

The forward and backward movement of the looper can be easily adjusted using a micro-adjustment method. This lets you adjust the movement amount very easily if the needle size has been changed in order to sew different types of material.



Easy and efficient maintenance

The front cover and lower thread take-up lever cover are attached to the machine with a hinge for easy access, which allows maintenance and threading to be carried out easily. The oil filter can also be removed easily for cleaning.



Options

Feeding presser foot (2610-0011-100) Extra fine feed dog (2610-0011-100)

This helps to ensure beautiful finishes by preventing sewing slippage.

It is specially designed for sewing light materials. (Pitch 1.15)



Chain cutter (2610)

The chaining-off thread is drawn in and cut at the sewing end, which greatly increases work efficiency. The flat-type design allows sewing to be carried out smoothly, and both upper and lower knives have carbide tips, ensuring excellent durability. Both pneumatic types (CH1) and vacuum types (CH2) are available.

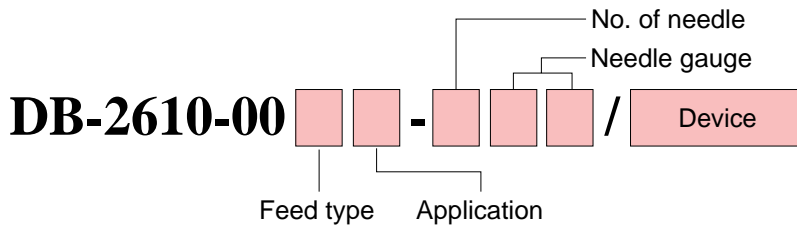


Rear puller (2610-0013, 0014)

The rear puller forcibly pulls the material. This makes operation much smoother when sewing heavy material and material with overlapping parts. (RP1)



Specifications (Flat bed double chain stitcher)



DB-2610-0011-100

Feed type	Applications		Sub-class	No. of needles	Needle gauge (mm)	No. of threads	Max. stitch length (mm)	Differential ratio	Height of presser foot (mm)	Needle type (UY128GAS)	Max. sewing speed (rpm)	
Lower feed	Plain stitching	Medium materials	11-100	1	-	2	3.6	-	10	SCHMETS Nm80-Nm120 (ORGAN#12-#19)	6,500	
			1T-204	2	0.4	4	3.6	-	10	SCHMETS Nm80-Nm120 (ORGAN#12-#19)	6,500	
	Sewing lap seams	Medium materials	12-264	2	6.4	4	3.6	-	10	SCHMETS Nm120-Nm140 (ORGAN#19-#22)	6,000	
			Heavy materials*	13-264	2	6.4	4	4.2	-	10	SCHMETS Nm120-Nm140 (ORGAN#19-#22)	5,000
				13-272	2	7.2	4	4.2	-	10	SCHMETS Nm120-Nm140 (ORGAN#19-#22)	5,000
		Heavy materials**	14-264	2	6.4	4	4.2	-	10	SCHMETS Nm120-Nm140 (ORGAN#19-#22)	5,000	
			14-272	2	7.2	4	4.2	-	10	SCHMETS Nm120-Nm140 (ORGAN#19-#22)	5,000	
			Sewing lap seams (reverse)	Heavy materials*	15-264	2	6.4	4	4.2	-	10	SCHMETS Nm120-Nm140 (ORGAN#19-#22)
	15-272	2			7.2	4	4.2	-	10	SCHMETS Nm120-Nm140 (ORGAN#19-#22)	5,000	
	Differential feed	Plain stitching	Medium materials	D1-100	1	-	2	3.6	0.7-1.6	10	SCHMETS Nm80-Nm120 (ORGAN#12-#19)	6,000
Attaching pocket facing to pockets		Medium materials	DM-3M1	3	2.5-6.4	7	3.6	0.7-1.2	6	SCHMETS Nm80-Nm120 (ORGAN#12-#19)	5,000	
Lower feed with rear puller	Sewing lap seams	Heavy materials*	P3-264	2	6.4	4	4.5	-	10	SCHMETS Nm120-Nm140 (ORGAN#19-#22)	4,500	
			P3-272	2	7.2	4	4.5	-	10	SCHMETS Nm120-Nm140 (ORGAN#19-#22)	4,500	
		Heavy materials**	P4-264	2	6.4	4	4.5	-	10	SCHMETS Nm120-Nm140 (ORGAN#19-#22)	4,500	
			P4-272	2	7.2	4	4.5	-	10	SCHMETS Nm120-Nm140 (ORGAN#19-#22)	4,500	

* Flat needle plate. ** Height difference of needle plate : 1.9 mm

Optional Equipment Compatibility Tables

◎: Included as standard specification

○: Not included but available as optional specification

	Feeding presser foot	Extra fine feed dog	Gange parts for medium weight materials		Chain cutter*		Chaining-off stitch presser foot for heavy weight material**	Rear puller (RP1)
			9.5 mm	4.8 mm	Pneumatic type (CH1)	Vacuum type (CH2)		
-0011-100	○	○			○	○		
-0011-100/CH1	○	○			◎			
-00D1-100					○	○		
-001T-204					○	○		
-0012-264			○	○	○	○		
-0013-264					○	○	○	
-0013-272					○	○	○	
-00P3-264								◎
-00P3-272								◎
-0014-264					○	○	○	
-0014-272					○	○	○	
-00P4-264								◎
-00P4-272								◎
-0015-264					○	○		
-0015-272					○	○		
-00DM-3M1					○	○		
-00DM-3M1/CH1					◎			

* Three types of chain cutter set are available, for medium-heavy material, heavy material and attaching pocket facing respectively.

** This presser foot makes chaining-off stitching easier. It is particularly useful when using a chain cutter with -0013 and -0014 models.