

# LK3-B438E

## Electronic Lockstitch Button Sewer



### Specifications

Application	Thin · medium materials
Stitch formation	Single needle lock stitch
Max. sewing speed	2,000 rpm
Max. pattern size (X × Y)	Max. 2.5–6.5 × 0–6.5 mm
Feed mechanism	R-θ intermittent feed mechanism (pulse–motor driven mechanism)
Stitch length	0.1–10.0 mm
No. of stitches	12, 14, 16, 18, 19, 21, 22, 23, 24, 25, 26, 27, 28, 31, 32, 36
Max. stitch number	5,000 stitches (including 4,000 stitches which can be added)
Work clamp lifter	Solenoid type
Hook	Shuttle hook
Needle	TQ × 1 #16
Dimensions of buttons that can be sewn	Outer diameter of button : 8–30 Space between the button holes : 2.5–6.5 mm
Button clamp lifter	Max. 13 mm
Thread knot	Knot tied by needle
Wiper device	Standard equipment
Thread trimmer device	Standard equipment
Data storage method	PROM (Any sewing pattern can be added using BAS–PC/300)
No. of stored data	49 sewing patterns are set already. (Up to 50 patterns can be added. Total number of stitches of stored data which can be added is within 4,000.)
Motor	Three phase 400W induction motor
Weights	Machine head: 47kg Control box: 9–19kg (depending on destination)
Power supply	Single phase 220–230V Three phase 220, 380, 400, 415V Max. electric power consumption; 600VA

## LK-B438E List of pre-programmed patterns

Program No.	Sewing pattern	No. of threads	No. of crossover stitches	No. of stitches	Sewing size X-Y (mm)	
01		6	-	12	3.5x0	
02		8	-	14		
03		10	-	16		
04		12	-	18		
05*1		16	-	22		
06*1		20	-	26		
07*2		6	-	12	0x3.5	
23*2		10	-	16		
08*2		12	-	18		
09*2		5-5-5	-	21	2.7x2.34	
24*2		7-7-7	-	27		
25*2		5-5-5	-	21		
26*2		7-7-7	-	27		
10		6-6	1	19	3.5x3.5	
11		8-8	1	23		
12		8-8	3	25		
13		10-10	1	27		
27		12-12	1	31		
14*3			6-6	0		24
28*3			8-8	0		28
15*3	10-10		0	32		
29*3	12-12		0	36		
16		6-5	1	18	3.5x3.5	
17		8-7	1	22		
30		10-9	1	26		
18		6-6	1	19	3.5x3.5	
19		8-8	1	23		
31		10-10	1	27		
45		12-12	1	31		
20*3		6-6	0	24	3.5x3.5	
32*3		8-8	0	28		
33*3		10-10	0	32		
21*2		6-6	1	19	2.5x3.5	
34*2		10-10	1	27		
22*2*3		6-6	0	24	2.5x3.5	
35*2*3		10-10	0	32		
46		6-6	1	19	3.5x3.5	
47		8-8	1	23		
48		10-10	1	27		
49		12-12	1	31		
No.36-44 patterns require the solenoid wiper (OP)						
36		6-6	0	24	3.5x3.5	
37		8-8	0	28		
38		10-10	0	32		
39		12-12	0	36		
40		6-6	0	24	3.5x3.5	
41		8-8	0	28		
42		10-10	0	32		
43*2		6-6	0	24	2.5x3.5	
44*2		10-10	0	32		

\*1. Check that the button hole diameter is 2mm or greater before using program No. 5 or 6.

\*2. Remove the button lifter spring before using program No. 7, 8, 9, 21, 22, 23, 24, 25, 26, 34, 35, 43, or 44.

\*3. For program No. 14, 15, 20, 22, 28, 29, 32, 33, and 35, the thread is trimmed after sewing of one side is completed, because there is no crossover thread to be sewn. To continue sewing to the end, keep the foot switch depressed until sewing of the other side starts, or press the foot switch once more after sewing of the first side is completed.