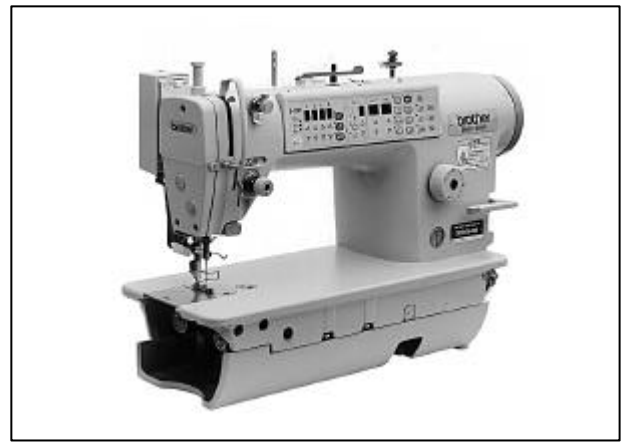


DB2-DD7100

Single Needle Direct Drive Straight Lock
Stitcher with Thread Trimmer



Model

DB2-DD7100--

Device				
	Thread Trimmer	Quick back device	Thread wiper	Automatic presser lifter
3	○	○	—	—
4	○	○	○	—
9	○	○	○	○

	Lower thread detector
0	—
1	○

Application	
S	—
1	Difficult-to-sew and light materials
3	Medium materials
5	Heavy materials

Operation panel	
	B-40
	B-100

Specifications

		S	1	3	5
Application		—	Difficult-to-sew and light materials	Medium materials	Heavy materials
Max speed		—	4,000 rpm	5,000 rpm	3,500 rpm
Max stitch length			4.2 mm		5 mm
Height of presser foot	Manual	6 mm			
	Knee	13 mm			
	Auto	10 mm			
Type and height of feed dog		—	4 row 0.8 mm	3 row 0.8 mm	3 row(rough) 1.2 mm
Needles		—	DB×1NS #9 DB×5NS #9	DB×1 #11 DB×5 #11	DB×1 #22 DB×5 #22
Hook		RP hook	Rotary hook for thread trimming		
Bed size		476×178 mm			
Arm pocket size		266.5×134.5 mm			

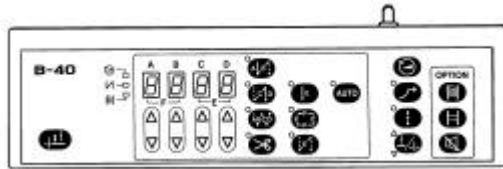
Motor specifications

High sewing speed	220 rpm to the maximum (Changeable)
Low sewing speed	220 rpm
Front/continuous backtacking speed	220 rpm to 1,800 rpm (Changeable)
End backtacking speed	1,800 rpm
Motor	AC servomotor (3-phase/single-phase 4 pole 400 W,100-240 V)
Control circuit	Microcomputer

Control box : MD721(Single-phase), MD731(3-phase)

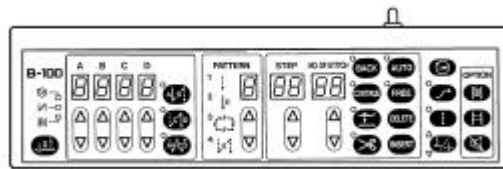
Operating panel

B-40



J80627-001

B-100



FOR JAPAN ONLY J80628-001
FOR EXPORT J80629-001

Basic function

		B-40	B-100
AUTO	Automatic sewing	○	○
	Start backtack (0-9)	○	○
	End backtack (0-9)	○	○
	Continuous backtack (0-9)	○	○
	Correction sewing	○	○
	Half stitch	○	○
	Sewing speed setting	○	○
	Slow start sewing	○	○
	Needle up stop / Needle down stop	○	○
	Lower thread detector (optional)	○	○

Pattern sewing

		B-40	B-100
	Normal lock stitch	○	○
	Fixed stitch (1-99)	○	○
	Name label stitch (1-99)	○	○
	Pleats presser stitch (1-99)	○	○
PATTRN	Pattern stitch	—	○

Pattern setting

		B-40	B-100
	Automatic thread trimming	○	○
	Automatic presser foot lifting	—	○
BACK	Back stitch	—	○
CONTINUE	Continuous stitch	—	○
DELETE	Step deletion	—	○
INSERT	Step insertion	—	○
FREE	Temporarily cancel programming sewing	—	○

Options

Part name		Code
Presser foot lifting solenoid set A	With knee switch	183959-001
Presser foot lifting solenoid set B	without knee switch	183960-001
Bobbin thread detector set		183955-001
Thread wiper set		183956-001
Tension gauge set		183922-001
Auto bobbin changer		
Set for new synthetic fabric*	For- 3 models	183910-101

* If changing – 1 models to shin-gosen, please use the following parts.

Rotary hook box assy, w / box S44338-901

Cap screw S35786-001

Work table parts

Part name	Code
Standing operation 2 pedal #6 (Two pedals + kick pedal)	J80081-040
Standing operation 3 pedal #40 (Three pedals)	J80380-040
Spacer set	183504-009
Caster set	183501-001
Foot plug set, NDD (For control box)	J02953-001