

TO READERS:

A cardigan in combination with a tank top in lace stitch is introduced, but you can try them in different stitch types and different type of yarns depending on the season you are in now.

Your letter to "Knits for Joy" must be addressed to:-

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SYMBOLS/ABBREVIATIONS

SD ()/()

 SD stands for Stitch Dial and the figure in circle indicates Stitch Dial number, and first number for knitter and second for ribber.

SD 3··

 Number and the dots indicate the position for Stitch Dial setting.

pos. – position

st. (sts.) — stitch or stitches Nd. (Nds.) — needle or needles

CM — Card A

 Card Memory Number of Punch Card.

R.C. – Row Cou

Row Counter Number of Punch Card.

Needle arrangement

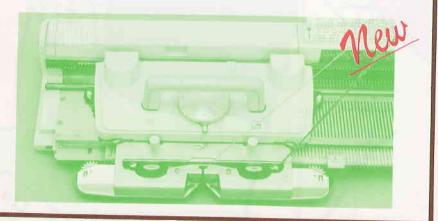
| - working needle

non-working needle

AUTOMATIC WEAVING ARM AW-1

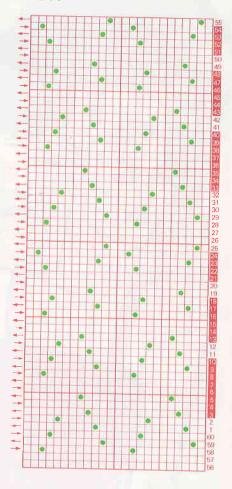
You will be freed from entanglement of yarns when you change the weaving yarn over to the other side of the Carriage.

This Automatic Weaving Arm changes the weaving yarn to the leading side of the Carriage when it passes over the edge of the fabric. You only move the Carriage smoothly across the needle bed as you knit stockinet stitches.

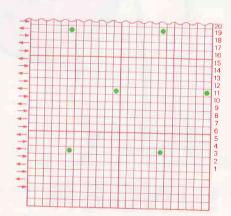


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Card B



Cardigan with shawl collar and Tank Top

Finished Measurements

size: cm.

Cardigan

	Α	В	С	D
Bust	96	100	104	108
Length	56	57.5	58.5	59.5

Tank Top

	Α	В	С	D
Bust	88	92	96	100
Length of strap	43	44	45	46

Materials / others:

Medium type cotton thread.......460 — 550gs.

6 buttons (1.5cm in diameter) Punch Cards: Card A and Card B (Punch as shown on page 1.)

Tension gauge:

30 sts. by 45 rows over the swatch of Plain Lace (Card B) with Stitch Dial at ⑤.

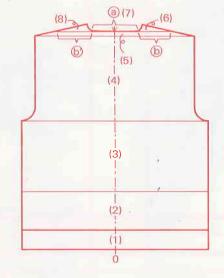
33 sts. by 50 rows over the swatch of Stockinet with Stitch Dial at (5).

CARDIGAN

To knit

Knit the back, fronts, sleeves, front borders and collar, following the patterns given on pages 5-7 and instructions below.

(Set the Row Number and the Stitch Scale according to the tension gauge for Plain Lace.) (Back)



- (1)— Arrange the needles for K1.P1. rib.
 - SD ①/①, work closed edge cast on.
 - SD 2/2, knit the required number of rows in K1.P1. rib ending with Carriage at left.
 - Transfer Ribber sts. onto Knitter Nds.
 - Remove weights and Cast-on Comb.
 - Lower the Ribber, cover the Ribber needle bed with hard paper or heavy cloth and bring out the fabric over front bed. (Optional Plastic Ribber Needle Bed Cover is available.)
 - Hang Comb Weight with Claw Weights evenly. (Edge Pins must be placed in pos.)
- (2)— Exchange the Carriage for Lace Carriage.
 - Set Card A and lock at CM 1.
 - Set the Lace Carriage as follows:

 Cam Lever...........∧

 Side Levers...........
 - SD 5, knit 1 row in Stockinet.
 - Row Counter to 000.
 - Release Card.
 - Referring to Operation Manual,

- work Fashion Lace until R.C. 074 (all sizes).
- (3)— Exchange Card A for Card B and lock at CM 1.
 - Set the Carriage as follows:
 Cam Lever......
 Side Levers....
 - Remove yarn from Yarn Feeder.
 - Move the Carriage twice to memorize the pattern.
 - Carriage at right side.
 - Release Card.
 - Rethread the yarn, set the Carriage as follows:

- Cam	Lever
Side	Levers▼
Stitc	h Dial5

- Knit up to beginning of armhole.
- (4)— Shape both armhole by decreasing sts. following contour line. (The Edge Pin must be replace following decreasing.)
- (5)— At shoulder point, refer to Knitting Manual, work partial knitting by decreasing sts. to shape both shoulder up to back neck.
 - Put yarn mark at the centre of neck.
- (6)— Push up the needles in sections

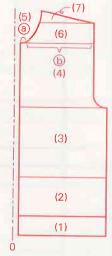
 (a) and (b) to D pos., with Ravel
 Cord, knit them back to A pos.
 (non working pos.) by hand.
 - Mark the CM on the Card, replace left Edge Pin to the right neck edge in pos.
 - Knit section (b) shaping neckline by decreasing sts., continue partial knitting at the shoulder side.
 - Remove the section on waste knitting.
 - Return the Card to marked CM and lock it.
- (7)— Unravel the Ravel Cord on section

 (a)
 - Remove section (a) on waste knitting.
 - Carriage at the side to correspond with arrow mark on card.
- (8)— Return the Pattern Paper to knit section (b)

- Unravel the Ravel Cord on section (b) and place back sts.
- Replace both Edge Pins in pos.
- Release Card, work section (b) in the same manner as done for section (b), but reverse shaping.
- Remove the fabric on waste knitting.

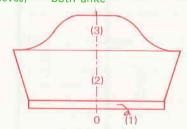
(Fronts)

Knit two fronts in a symmetrical pat-



- (1)-(4) Work in the same manner as instructed in (1)-(4) for
- (5) Push up the needles in section (b) to D pos., with Ravel Cord, knit them back to A pos. by hand,
 - Lock the Card.
 - Remove section (a) on waste knitting.
- (6) Unravel the Ravel Cord on section b and place back sts. in hooks.
 - Release Card, knit section (b) shaping neckline in the same manner as done for back.
- (7) Work partial knitting by decreasing sts. to shape shoulder while decreasing sts. at neck edge.
 - Remove the fabric on waste knitting.

(Sleeves) - both alike -

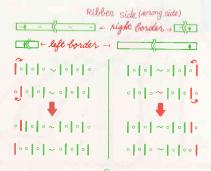


- (1) Work in the same manner as instructed in (1) for back.
- (2)- Exchange the Carriage for Lace Carriage.
 - Set Card B and lock at CM 1.
 - Set the Carriage as follows: Cam Lever...... Side Levers......
 - SD 5, knit 1 row in Stockinet.
 - Release Card, Side Levers to ▼.
 - Knit increasing sts. on both sides in fully fashioned method.
- (3) Work Cap shaping by decreasing following contour line.
 - Put yarn mark at the centre and cast off with Tappet Tool.

(front borders)

Use the Knitter side as right side.

- Knit two pieces (long and short) for each front border, and make bottonholes on right one.
- Exchange the Stitch Scale for another with the number which is 30% added to the Stockinet st. gauge.
- Set up the machine for K1, P1, rib.
- Work closed edge cast on.
- Arrange the needles as shown below by transferring sts.



- Knit K1, P1, rib.
- Make the bottonholes as follows.
- *Transfer the sts. from the Ribber to the Knitter and the other sts. from the Knitter to the Ribber as shown below.

- *Push up the empty needles from B pos. to D pos.
- ber of rows. Put yarn marks for
- collar at the centre of top side. Transfer the Ribber
- sts, onto the Knitter Nds, and remove the fabric on waste knitting.
- Join two pieces by blind stitch as shown on the right.



(Collar)

Use the Knitter side as right side.

- Exchange the Stitch Scale for another with the number which is 20% added to the Stockinet.st. gauge.
- Arrange the needles for K1.P1. rib.
- Work closed edge cast on.
- Rearrange the needles in the same manner as done for front border.

Knit in K1.P1. rib, adjusting the Stitch Dial as instructed below.

	SD 2/2
	SD (2··) / (2··)
	SD (3.)/(3.)
/	1 /

- Put yarn marks at the required pos.
- Transfer the Ribber sts. onto the Knitter and remove the fabric on waste knitting.

To make up

- Block each piece to size and press with steam iron.
- Join both front borders to the front edges as instructed below.
- *Measure the sts. of the front border on pattern paper with the Stitch Scale for Stockinet st. gauge and arrange the number of needles to B pos.
- *With right side of front edge facing, hang both end loops on each end Nds., fill Nds. with loops evenly along front edge.
- *With wrong side of the front border facing you, pick up the sts. on the last row of the main knitting and place them onto corresponding Nds. evenly.
- *Push up the needles to D pos., and knit 1 row with SD ® from right to left.
- *Cast off the sts. using Automatic Linker or Tappet Tool.
- Join both shoulders on the machine.
- Measure the sts. of the neck edge on pattern paper with

the Stitch Scale for Stockinet st. gauge.



- Join the collar to the neck edge in the same manner as done for front borders but hang collar facing right side
- Join the side and sleeve seams.
- Set in sleeves.
- Sew 6 bottons on the left border.
- Give a final pressing.

TANK TOP

To knit

Knit the back, front and borders following the patterns given on pages 5-7 and instructions below.

(Set the Row Number and the Stitch Scale according to the tension gauge for Plain Lace.) (Back)

(1)— Work in the same manner as instructed in (1) for back of cardigan on page 2.

(1)

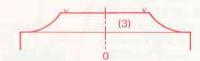
- (2)— Exchange the Carriage for Lace Carriage.
 - Set Card A and lock at CM 1.
 - Set the Lace Carriage as follows:

 Cam Lever...........∧

 Side Levers......
 - SD(5), knit 1 row in Stockinet.
 - Release Card.
 - Referring to Operation Manual, work Fashion Lace without shaping.
 - Put yarn marks for straps.
 - Remove the fabric on waste knitting.

(Front)

(1)-(2) — Work in the same manner as instructed in (1)-(2) for back.

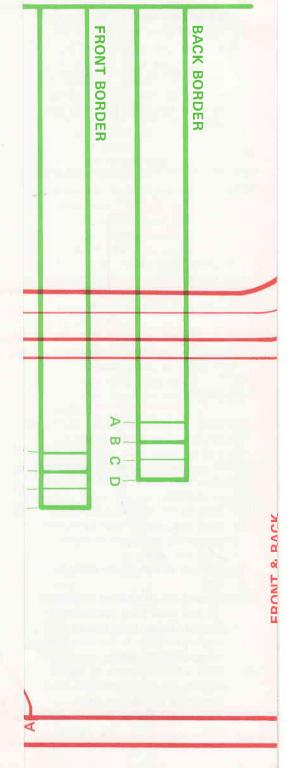


- (3)— Work partial knitting by decreasing sts. following contour line.
 - Put yarn marks.
 - Remove the fabric on waste knitting.

(Straps) - knit 2 pieces -

Use the Knitter side as right side.

- Set up the machine for K1. P1. rib.
- Following the instructions below, knit an extra tension swatch of K1.P1.
 rib and take tension gauge for straps.



- *Arrange likely number of Nds. for a width of approx. 2.5cm., for K1.P1. rib.
- *SD 2/2, knit about 20cm. long and remove the fabric from the machine.
- *Pull the swatch vertically, and press with steam iron.
- *Count the number of rows in 10cm.
- Culculate the number of rows for your straps referring to "Length of strap" on page 2.
- Arrange the same number of Nds. as tension swatch for K1. P1. rib.
- Work closed edge cast on.
- Rearrange the Nds. transferring sts. in the same manner as front band.
- Knit required number of rows.
- Transfer the Ribber sts. onto the Knitter Nds. and remove the fabric on waste knitting.

(Borders)

- Exchange the Stitch Scale for another with the number which is 20% added to the Stockinet st. gauge.
- Cast on the required number of sts. for K1.P1. rib, knit following the pattern paper.

To make up

 Block each piece to size and press with steam iron.

stilch down

right Side

- Join the borders in the same manner as front borders a strap along top edge of front and back.
- Join side seams.
- Finish the top of the straps.
- Stitch down the straps as shown.
- Give final pressing.

