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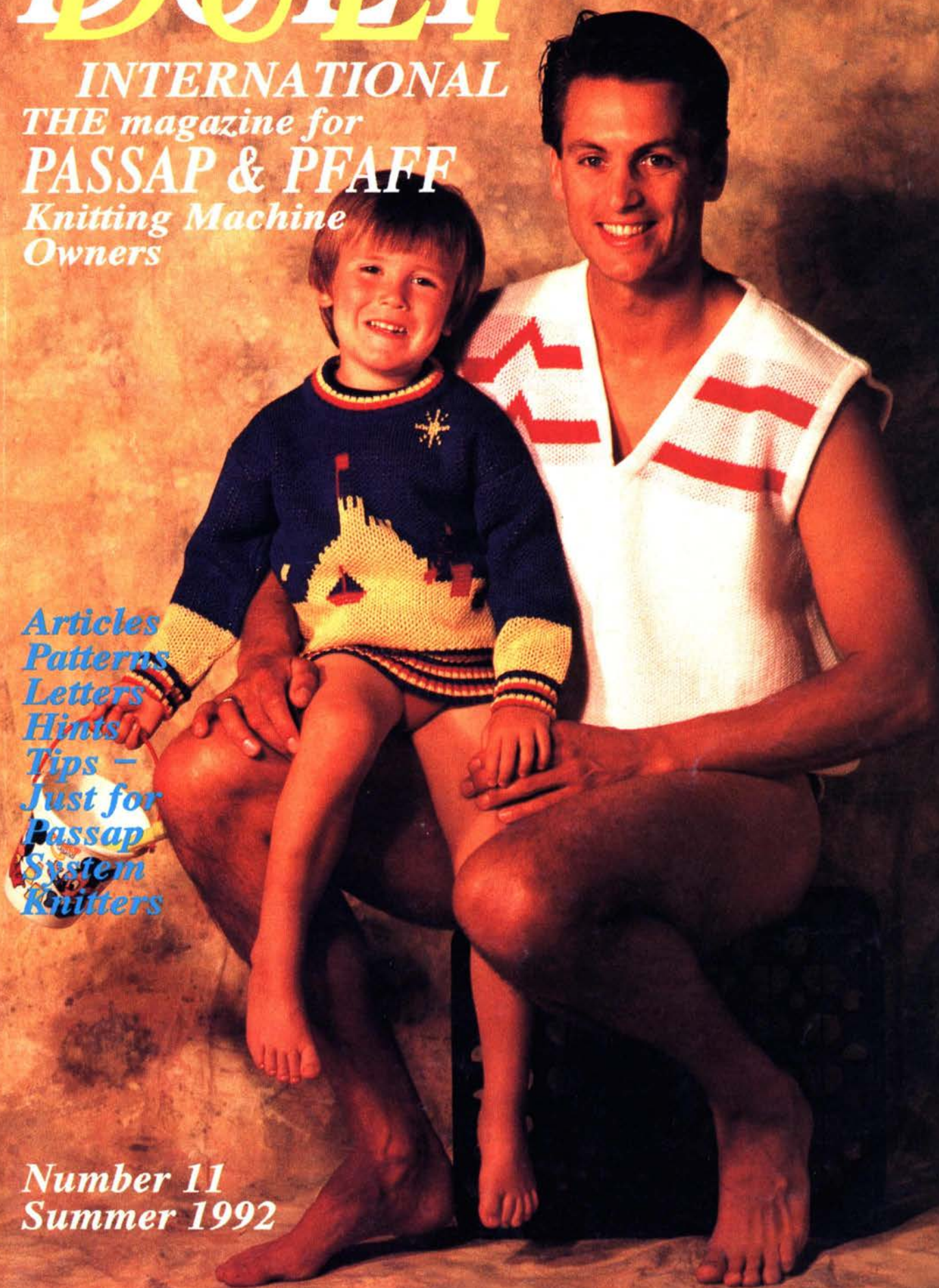
U.K. £3.95
ISSN 0959-8243

DUET

INTERNATIONAL
THE magazine for
PASSAP & PFAFF
Knitting Machine
Owners

Articles
Patterns
Letters
Hints
Tips –
Just for
Passap
System
Knitters

Number 11
Summer 1992



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DUET

INTERNATIONAL

THE magazine for
PASSAP System
Knitting Machine
Owners

Volume 3, Number 11

DUET Magazine is published on the last day of February, May, August and November each year by George le Warré and Whittle Print Electronne Press. The magazine is available from all good Passap system dealers throughout the U.K. or on direct subscription from the publishers. U.K. subscriptions are £16.00 per year, including mailing, or £30.00 overseas, via Air Mail. Subscriptions all run from November to the following October and if you subscribe between those times you will receive back issues to the previous November and future issues to the completion of that year, as published. DUET is the largest circulating independent magazine dealing entirely with Passap System knitting machines manufactured by Madag, Dietikon, Switzerland.

ALL READERS may use the Help Line services of the magazine, and write, 'phone or Fax their knitting problems to the publishers address or number(s). This service normally operates from 10am to 8pm (U.K. times), 365 days a year. Telephone enquirers may hear a recorded message giving an alternative number, or requesting that you leave your name and number for us to call you back later. Letters can only be answered if a return envelope and sufficient return postage is included. You will receive a reply normally within 14 days of receipt of letter. Please note that if you do not include return postage, this will mean no reply. Fax enquiries are normally answered on an overnight service. These services are your to use FREE. No other publication for Swiss machines offers this type of service to readers. The owners and publishers of DUET International Magazine reserve the right to refuse direct subscription to any person or persons without giving reasons at their discretion.

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The Editor's Letter

Dear Readers,

Welcome to the Summer issue for 1992 of Duet International, which as you will realize, is a little late in arriving. This is due in part to the fact that a reasonable gap between the last issue and this one was requested by some of our distributors, but mainly to the sudden illness of George, who ended up in the coronary care unit of our local hospital shortly after returning from Passap University in Dallas. At the time of writing, he is back at home and on the mend, but allowed to do very little as yet, and waiting to return to hospital for tests and possible surgery.

Obviously, this could have had a possible effect on the publication of Duet International in future, therefore publication and production will be taken over from the end of July 1992 by Anne Smith, the owner of Machine Knitting Monthly, Modern Machine Knitting and To & Fro magazine. George will be managing editor and writing some articles. The magazine will not change at all in format etc. and will of course always remain Passap System only. We all hope that under this new system, George will be in full swing again as soon as possible.

The subscription address and editorial office address will remain the same as usual, 7 Flambard Road, Poole, Dorset, BH14 8SU, England, but the Help Line Service must now be limited to Letters and Fax enquiries only until further notice. (Do remember to enclose a stamped, self addressed envelope, as without this we are unable to reply).

We all look forward to seeing you again in the next issue in September.

Yours sincerely,

Alma Spriggs and Susan Loader,
Assistant Editor, and Accounts & Administration.

THE PASSAP SYSTEM UNIVERSITY 1992

- New hotel venue, right on the beach, with indoor pool etc.!
- TWO & A HALF DAYS
November 27th - 29th 1992.
- New topics & more lecturers, in 10 purpose built conference suites within the hotel.
- Designated "hands-on" sessions bookable in advance, and "workshops" in special practical rooms. Lecture rooms are in a separate area of the hotel to workshop rooms, to avoid any noise interference.
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For a brochure & booking form, please send a large self addressed envelope with 36p stamp to :-
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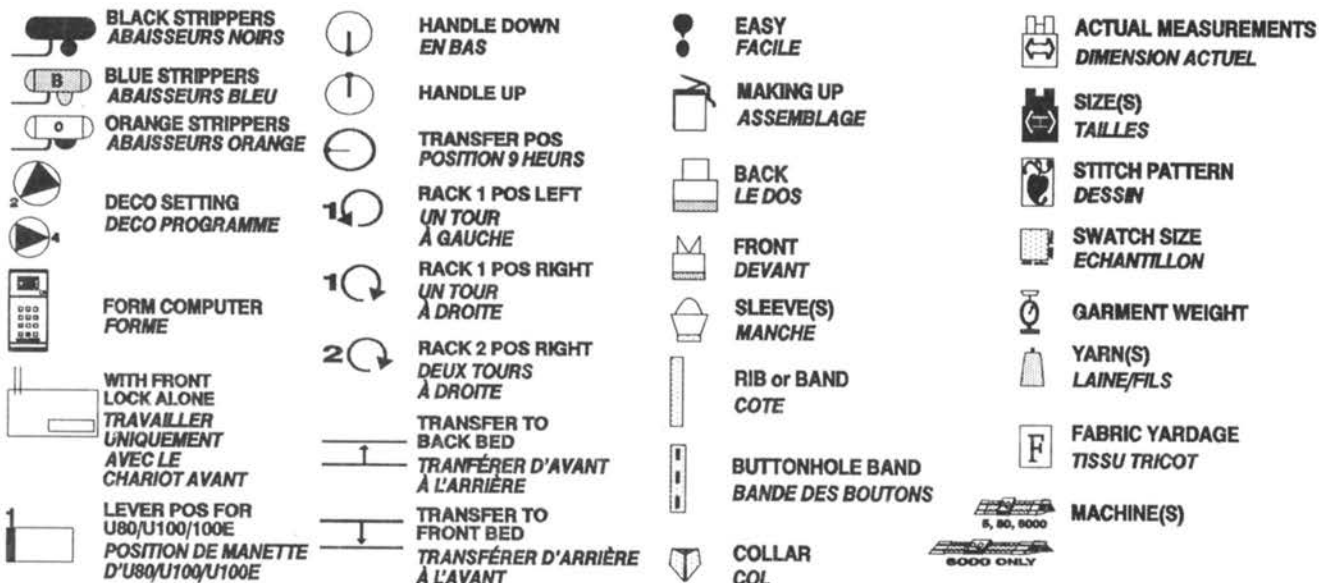
! Denotes an "easy knit" garment.

These patterns contain Form Computer
FC and/or Form Programmes.

BRACKETED FIGURES IN FORM PROGRAMMES

- (1) = cm Hip/Sleeve width at cast on
- (2) = cm Bust/Sleeve width
- (3) = Total length

SYMBOLS, ABBREVIATIONS & NOTES



alt	alternate	K/K	every needle rib	st(s)	stitch(es)
approx	approximate(ly)	Lk(s)	lock(s)	stst	stocking stitch
BB	back bed	Lt	left	trans	transfer
beg	beginning	mm	millimetres	WP	working position
circ	circular (tubular)	N(s)	needle(s)		
cm	centimetres	NWP	non-work position	CoCir	Cast on with circular rows. (Tubular cast on)**
CoF	cast off (bind off)	opp	opposite		
Col 1,2,3,4	colours 1, 2, 3, 4,	P	purl		
CoN	Cast on	pos	position		
cont	continue	psh	pushers		
dec	decrease(s)	1/4P	transfer position	CoRak	Cast on with racking**
Diag	diagram	RC	row count reads		
FB	front bed	rk	rack		
ff	fully fashioned	R(s)	row(s)		
foll	following	rel	release		**For instructions on cast-on methods, please see your instruction manual
g	gram(s)	Rt	right		
inc	increase(s)	SS	stitch size		
K	knit	str	straight		

KNITTING FROM DIAGRAMS

All garment parts are shown as charts, which are drawn to shape, although not necessarily to size & scale. Symmetrical shapes are shown only as a right half. The broken line always denotes the centre of the part. The opposite side of the garment part is knitted simultaneously, in reverse. If there is no broken line, the part shape is as shown, with no reversal of shapings.

Each garment part is divided into sections; A, B, C, etc. Always cast on & commence knitting at A. Written instructions within the pattern give instructions for each section, A, B, etc.

The size of each section is given in CENTIMETRES at the bottom & left side of the charts. Needles/stitches are quoted at each section where necessary. The number of needles is always the number of needles & spaces, counted on the front bed only.

Shapings, increases, decreases are noted in blocks, which are read from the **bottom to the top**. e.g.

-2K2

-3K2

-4K2 is read as "Cast off 4, knit 2 rows. Cast off 3, knit 2 rows. Cast off 2, knit 2 rows".

All figures in brackets always refer to larger sizes where appropriate. Figures without brackets refer to ALL sizes. Row count numbers refer to the manual counter on the lock, which must be set to 000 at the end of each section, unless otherwise stated.

Results will only be as accurate as your tension swatch measurement. It is essential to match those given exactly, and to use the yarns specified. Yarn substitutions may not give accurate results, and recalculation of the pattern(s) may be necessary.

CREATING PATTERNS WIDER THAN 40 STITCHES WITH THE DECO

George le Warré

First of all, I am not going to tell you that this is the fastest method of patterning in the world. It does take time, in the working out, punching cards and in knitting. But, it is well worth it if you feel that you really want to make non-repeating patterns that are wider than the 40 stitch repeat normally allowed with the Deco.

Using the method outlined here, it is possible to knit a design that is non-repeating, over the full 180 needle width of the front bed, but in practice, it is often better to stick with designs of less than 120 needle width. The reasons for this will become clear later.

Many knitters with the Duomatic 80 machines feel that they are a little left out when it comes to large patterns, because of the limitations of the Deco. Yes, I know exactly how you feel. I used to feel the same way too, even though I also own E6000 machines as well as Duos. The point as far as I was concerned was, anything the E6000 can do, the Duo should be able to manage too, in one way or another, because the electronic "grew" out of the Duomatic. This set me thinking on how the Deco actually works for two, three and four colour designs. One horizontal row of holes in the card will programme the pushers to knit two rows of stitches with the lock. In the case of two colour jacquard, we use the arrow keys to reverse the pushers on the front bed after knitting the first two rows in background colour. The Deco is set to 4, which advances the card every fourth passage of the lock. In three or four colour jacquard, the Deco card rows have to be punched individually for each colour and arrow keys are not normally used. This is what set me thinking about a method of making the standard width Deco card carry patterns that are more than forty

stitches wide. If every card row programmes forty pushers, why not have these forty stitches side by side, rather than above the previous rows? Using the motif positioning pins will allow you to programme the pushers on the bed width forty at a time in variable positions. So the method I now use is a combination of card programming taken from the multi-colour jacquard method and using positioning pins to place the stitch pattern in multiples of forty stitches where I want them on the bed. This does sound far more complex than it really is and using the examples given here will make the methods clearer.

The card programming is the best place to start. First decide on the pattern you want to knit, then draw this out onto some large squared paper. The one I have used here is pattern number 1217 from the E6000 pattern book, which is sixty stitches wide.

I have chosen this design deliberately, as it is symmetrical, which will make things easier when it comes to making

your Deco card for the first time. The pattern for the E6000 is shown as a 30 X 43 grid, which is then mirrored horizontally to make the complete pattern as shown below.

What we now need to do, is take this design and draw a vertical line in the centre. Everything on the left side for the background colour, will be programmed on rows 1, 5, 9, 13, 17 and so on. Everything for the second colour will be programmed on rows 2, 6, 10, 14, 18 etc. Just the same way that we would programme cards for three or four colour jacquard, one row for each colour. But this leaves us with empty rows 3 & 4, 7 & 8, 11 & 12 etc. and these are the rows where we programme the RIGHT side of the design.

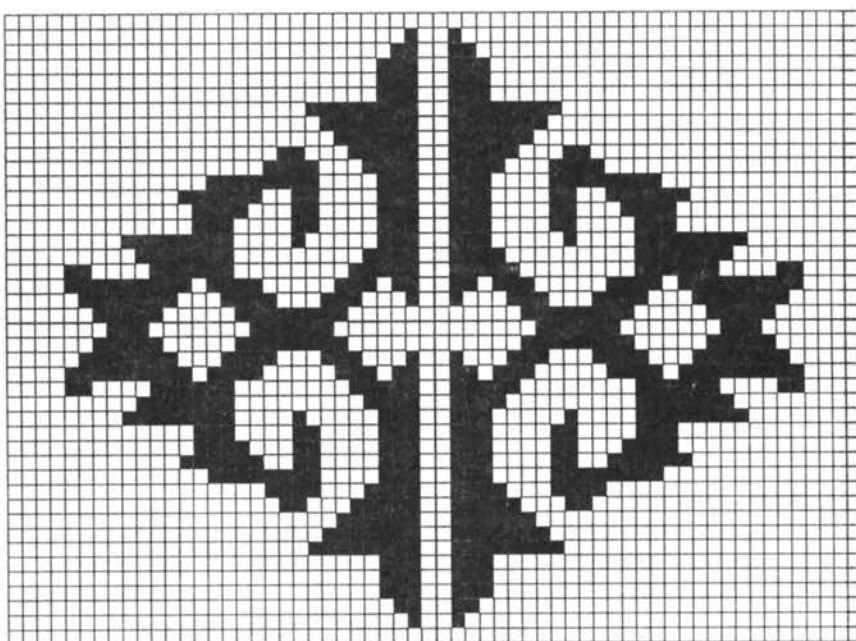
So the card works out as follows:-

Row 1 LEFT SIDE BACKGROUND

Row 2 LEFT SIDE SECOND COLOUR

Row 3 RIGHT SIDE BACKGROUND

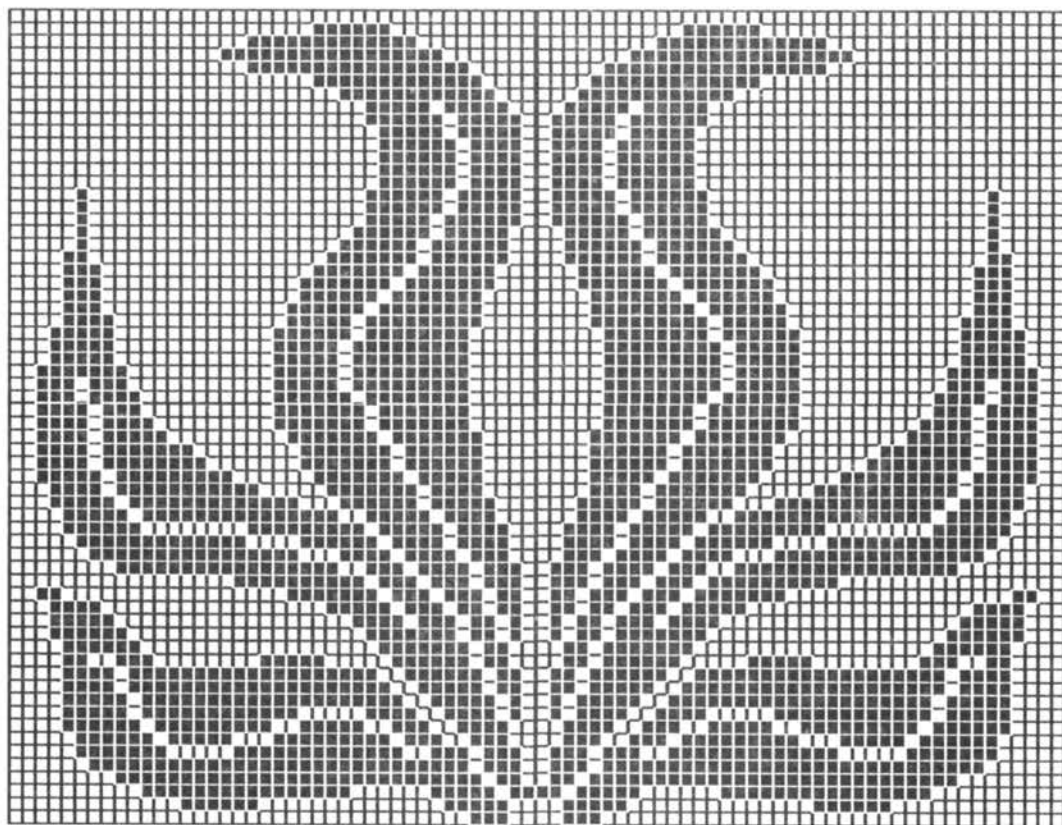
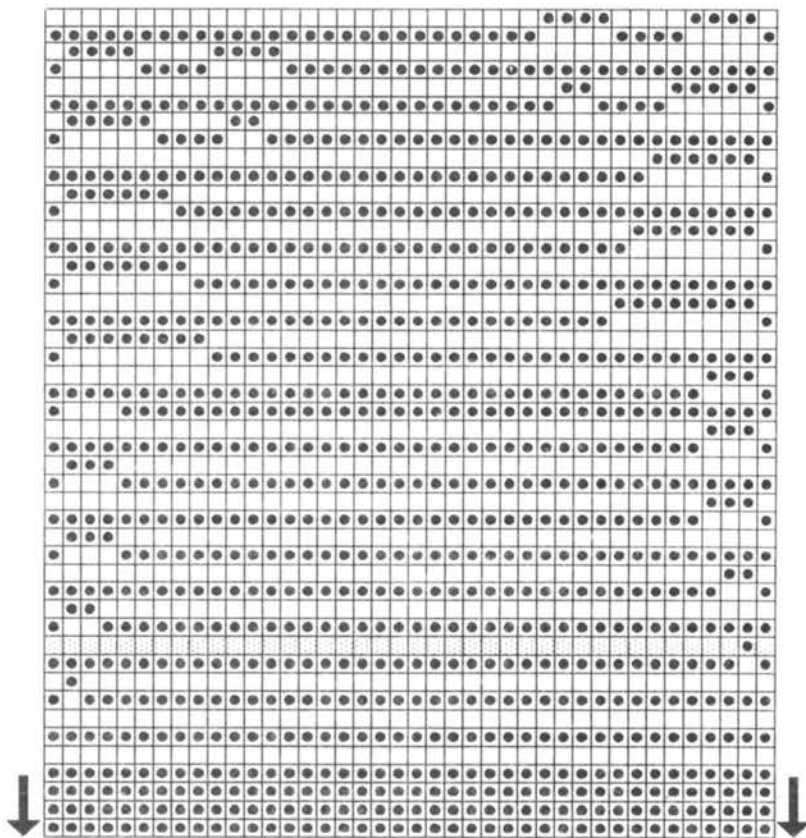
Row 4 RIGHT SIDE SECOND COLOUR



and so on in multiples of these four rows for each single row on the original design. This means that for this particular two colour pattern, the total number of rows will be $43 \times 4 = 172$ rows long. If you chose to do this as a three colour design it would be 258 rows. For four colour 344 rows. A lot of card punching, but I did say the it was time consuming!

Here is the card punched for the two colour design, showing the first eleven rows of the design punched. The rest of the card is made in the same way, remembering to start and finish each card with three rows punched and join them all together.

This will not make an identical design to the E6000, because we have increased the spacing between the patterns from four to fourteen stitches, but it does serve well to demonstrate the card making method. The next pattern shown is number 1221 from the E6000, which is an eighty stitch repeat pattern, and this reproduces exactly.



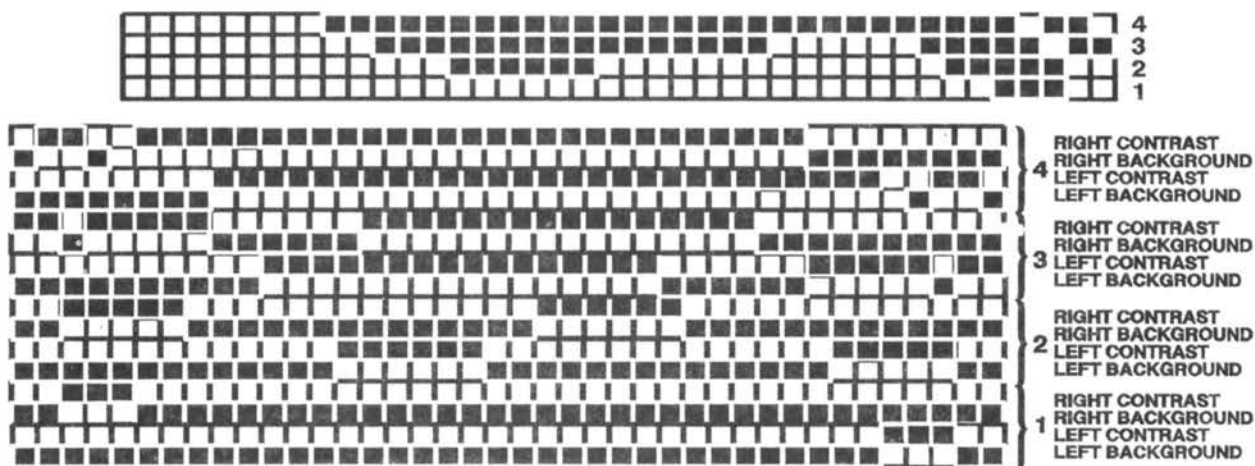


Diagram showing how each line is translated to 4 Deco lines

Translating the original design to the Deco card is not difficult. The diagram above shows how every single horizontal line in the design becomes four lines on the Deco card. Deco line 1 is for the background colour at the left, line 2 the left contrast colour. Line 3 the right side background colour, line 4 the right side contrast, and so on, all the way up through the design. Punching the card is time consuming, but the results are worth it.

With a symmetrical design original such as the one shown, lines 3 and 4 are mirror images of 1 and 2. For a design that has no symmetry, such as a large picture, it is best drawn out first onto squared paper, 180 squares wide. After drawing the picture, make vertical ruling lines, first at square 10 from the left, then every 40th square. You will now have divided the picture into columns of 10, 40, 40, 40, 40, 10 squares. The design is transposed to the Deco card in exactly the same way as we have just done, starting with the 10 squares on line 1 at the LEFT. Programme these onto lines 1 and 2 of the Deco card, using the 10 squares at the RIGHT of the card. Programme the first line of the next 40 squares onto lines 3 and 4 of the card. The next 40 squares of line 1 onto lines 5 and 6, and so on until you programme the last 10 squares onto Deco lines 11 and 12. These must be programmed at the LEFT of the Deco card. Punching the first 10 squares of the design at the right and the last 10 squares at the left

will ensure that the design knits correctly. If this is not done, you will lose the edges of your picture!

Now that we understand how to make the cards, how about the knitting? This is not as complex as it may at first seem. The Deco is attached to the front lock all the time and the fabric created in the usual 2 rows background, 2 rows contrast way. What you do need to do, is change the positioning pins position every four rows. This is so that only sections of the design are knitted at any one time in co-ordination with the Deco card.

It is possible to use almost any of the double jacquard lock settings for this type of work, but is best with a setting that gives alternate pusher selection on the back bed, either AX, BX GX etc. You will need to take care not to use a yarn that is too thick, as there will be several rows knitted on the back bed for every front bed row, normally at least 8 rows knitted on the back bed for every 2 on the front in simple 60, 80 or 120 stitch repeats. But with large pictures 180 needles wide, there will be up to 24 rows knitting on the back bed for every 2 on the front. In these instances, it is often best to use a needle set up such as only every fifth needle in work and have pushers under these needles in a 1 up, 1 down formation. This allows for less bulk in the finished fabric.

For normal knitting of a sweater with a repeat pattern of 80 stitches, such as E6000 1221 which we looked at, a lock setting of BX and both arrow keys on the back bed and BX on the front bed works well. The needle setting is K/K, Deco set to 2 at all times and no front bed arrow keys.

Cast on 80 stitches on K/K from needle 40 left to needle 40 right. Before starting to knit pattern 1221, place one positioning pin at the right of the last working right needle. The Card Reader is placed with the right side under LEFT needle 1. Place a second positioning pin under needle 1 RIGHT. This is the starting point. *Knit 2 rows colour 1, 2 rows colour 2. Remove the positioning pin from the right side and knit 2 rows colour 1, 2 rows colour 2. Replace the positioning pin.* Repeat from * to * throughout the knitting.

For wider fabric knitting this design, place the position pin holders before starting at needle 1 RIGHT, needle 41 RIGHT, needle 40 LEFT and one outside the knitting at the right. Place a pin in the far right position, 1 in needle 41 RIGHT, 1 in needle 1 RIGHT, 1 in needle 40 LEFT. *Knit 2 rows colour 1 and 2 rows colour 2. Remove positioning pin at the far right and knit 2 rows colour 1 and 2 rows colour 2. Replace the far right pin*. Repeat from * to * throughout. Blue strippers and a comb and weights are often helpful with this type of work and are well worth adding to your machine.

D31102 Man's Slipover



5, 80, 6000



Kathy Haynes, England.



92[100:108]cm Chest.



104[66:67]cm Chest. Length
64[66:67]cm.



BRAMWELL Duomagic
100% acrylic 270 metres approx = 100g. 1 X 500g White = Col 1.

BRAMWELL 2/30's 100% acrylic 50g Red = Col 2.



40sts = 140mm 40Rs = 140mm measured over jacquard patt.
40Rs rib = 46mm.



Ribs 2X1 as Diag 1. Jacquard with card(s) given & Diags. Cast on 4. St Patt A 180. St Patt B from card, Tech 180. St Patt C 180.



Page 3.



265g Size 100cm.



Col 2 uses 2 ends of yarn together throughout. Main garment parts K in jacquard as Diag 2, using Col 1 continuously St Patt A. E6000 for St Patt B programme as shown, K2Rs Col 1 & 2Rs Col 2. St Patt C Col 1 only. DUO K St Patt A as Diag 2. FRONT RT side, St Patt B. Place card reader under RT side Ns only, K as chart. LT side as Diag 3. BACK St Patt B. Use Deco disconnected from lock. Place card reader under RT side end 40 Ns. *Lks at RT as Diag 3. Pass Deco LT to RT. Place all pushers at LT of RT 40 to upper position. K2Rs Col

	104 cm	110 cm	120 cm		104 cm	110 cm	120 cm
1	46	46	46	1	46	46	46
2	140	140	140	2	140	140	140
3	A	A	A	3	A	A	A
4	B	B	B	4	B	B	B
5	149	160	171	5	149	160	170
6	102	112	120	6	104	112	120
7	(2)	(2)	(2)	7	(2)	(2)	(2)
8	195	195	195	8	195	195	195
9	C	C	C	9	C	C	C
10	135	135	135	10	135	135	135
11	147	147	147	11	147	146	147
12	38	38	38	12	38	38	38
13	149	160	171	13	149	160	171
14	104	112	120	14	104	112	120
15	(2)	(2)	(2)	15	(2)	(2)	(2)
16	34	34	34	16	34	34	34
17	64	66	66	17	64	64	67
18	(3)	(3)	(3)	18	(3)	(3)	(3)
19	104	101	104	19	231	232	232
20	153	153	153	20	162	153	153
21	146	146	179	21	191	162	179
22	191	191	191	22	128	191	191
23	128	129	128	23	128	129	128
24	128	129	128	24	138	129	128
25	138	99	148	25	135	138	148
26	135	138	135	26	74	135	135
27	53	135	83	27	67	78	83
28	99	77	101	28	191	67	67
29	191	99	188	29	144	191	191
30	160	191	129	30	74	146	148
31	6	160	191	31	99	91	68
32	0	6	154	32	191	99	101
33		0	4	33	160	191	188
34			0	34	6	160	129
				35	0	6	191
				36		0	154
				37			6
				38			0

1 2Rs Col 2* Rep from * to * throughout. St Patt C as St Patt A.



A. CoCir Col 1 2X1 as Diag 1. K as chart.

B. Push up all empty Ns. Set as Diag 2. K as chart Col 1.

C. Cont in patt K & dec as chart.

D. St Patt B as Diag 3 & Notes.

E. St Patt A as Diag 2. K as chart.

F. St Patt A. K & dec as chart.



A. CoCir Col 1 2X1 as Diag 1. K as chart.

B. Push up all empty Ns. Set as Diag 2. K as chart Col 1.

C. Cont in patt K & dec as chart.



CoCir K/K 90Ns WY K several Rs. Lks CX/CX Black strippers. Col 1 SS 5/5. RC000. *K 4Rs inc 1st both beds at LT side only on R 1 & R 2. *. Rep * to * to RC56. WY K several Rs Rel. Rep rev shaping.

E6000 PROGRAMME

CAST ON : 4 : ENT
ALL ST PATT : NO
ST PATT A : 180 : ENT
ENLARGE POS : NO
TEST : NO
ALL ST PATT : NO
ST PATT B : * : ENT
Read In Patt 1
ALTER : ENT
DIRECT : NO
ADD : ENT
ADD WHAT? : * : ENT
Read St Patt 2
ALTER : ENT
DIRECT : NO
3 COL : NO
DIST R 0 : ENT
DIST STS 0 : ENT
ADD : ENT
ADD WHAT? : * : ENT
Read St Patt 3
ALTER : ENT
DIRECT : NO
3 COL : NO
DIST R 0 : ENT
DIST STS 0 : ENT
ADD : NO
KNIT TECH : 180 : ENT
ENLARGE POS : ENT
CM? : NO
1 64R : ENT
1 ST 120 : ENT
POSITION : ENT
PATT AFT R 0 : ENT
TO R/L : 0 : ENT
TO R/L : 10 : ENT
IN PATT AT R 0 : ENT
1 REP R 0 : NO : ENT
1 REP ST 0 : NO : ENT
ALL ST PATT : NO
ST PATT C : 180 : ENT
ALTER : NO
ALL ST PATT : ENT
FORM : Enter Form
Programme here
START CAST ON

D. Divide for neckline & cont in St Patt A.

E. St Patt B as Diag 3 & Notes.

F. St Patt A as Diag 2. K & dec as chart.

G. St Patt A. K & dec as chart.

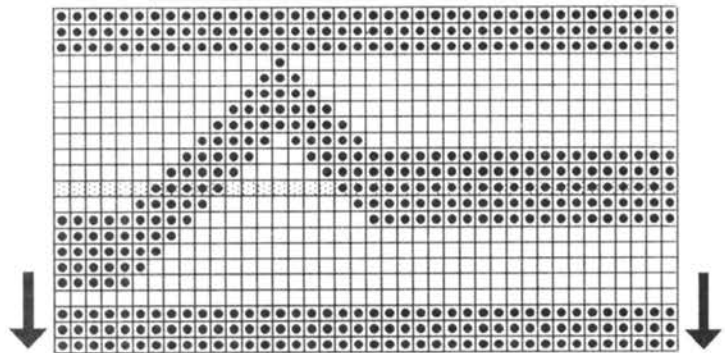
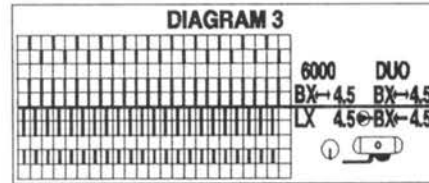
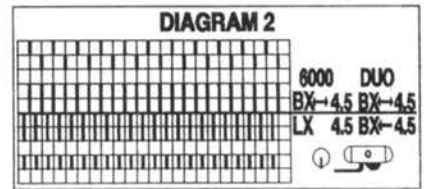
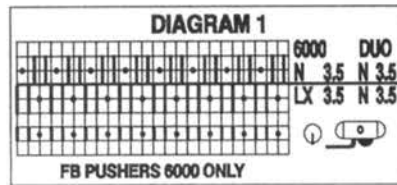


ARMBANDS KNIT 2

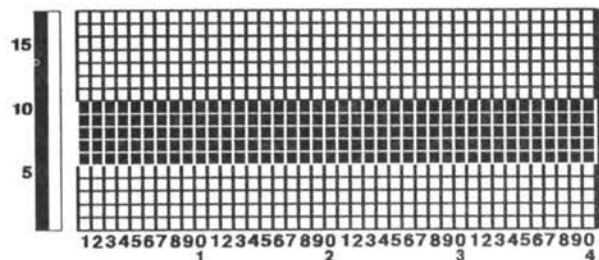
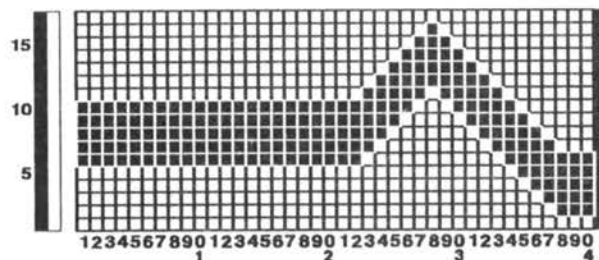
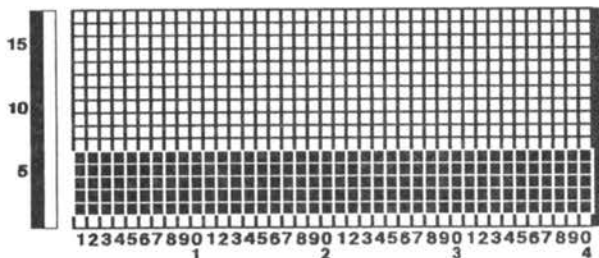
CoCir WY 140Ns. K several Rs. Col 1 SS 5/5 Black strippers. Lks CX/CX. Kstr to RC56. WY K several Rs & rel. Rep for second band.



Block & steam all parts to size & shape except bands. Join shoulder seams. Starting at point of V, on front and longest edge of band, back-stitch through first R Col 1 of neckband to outside of garment on LT side. Remove WY. Repeat on RT side with second band. Join mitre at front and seam at centre back. Fold band over neck edges. When folded, neck edges of garment should be level with the fold on inside of band. Slip stitch to inside & remove WY. Join side seams. Attach armbands in same way as neckband. Give final light steaming.



DECO CARD



E6000 CARDS 1 BOTTOM, 2 MIDDLE, 3 TOP

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CREATION 6 SPECIAL

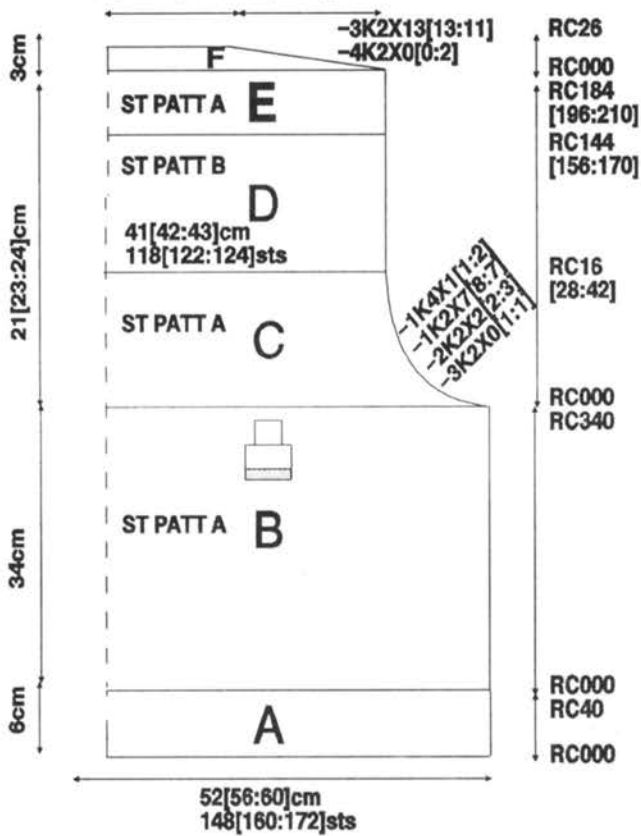
PCs for CREATION 6 a speciality, also compatible scanners etc. DFI-HS300 Scanner available on mail order



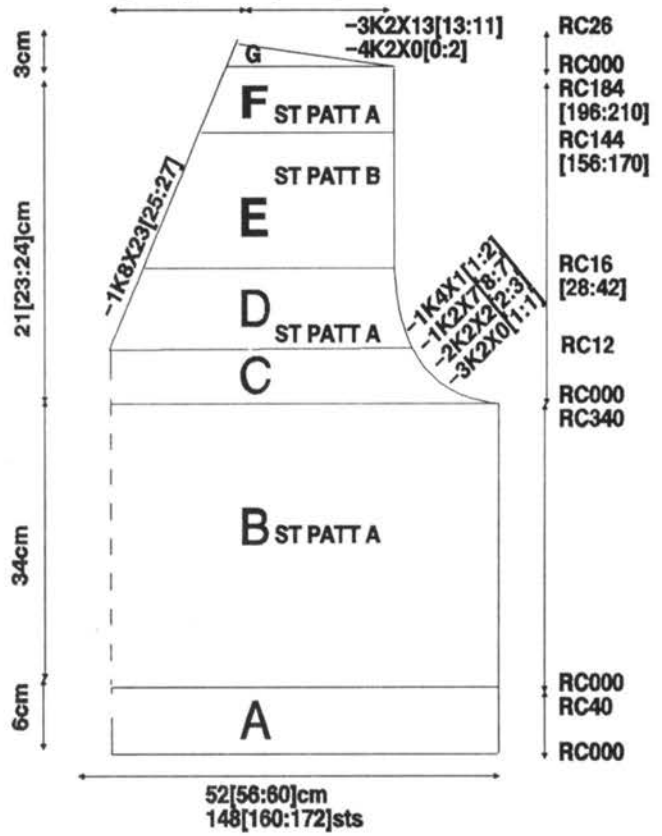
Purchase your IBM compatible from us, send us your Creation 6 package, and we install it for you, plus scanner if required.

Delivered ready to run!

16[17.5:19]cm 12.5[12.5:12]cm
46[50:54]sts 36[38:35]sts



16[17.5:19]cm 12.5[12.5:12]cm
46[50:54]sts 36[38:35]sts



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31104 Child's Sandcastle Sweater



6000 ONLY



Betty Manwaring, England.



60[65:70]cm Chest.



72[74:80]cm Chest.
Length 42[45:49]cm



CHRISTIANA YARNS
Braemar 80% acrylic 20% wool
2/30's. 200g each of the foll:
Col 1 Royal Blue, Col 2 Sunray
Yellow, Col 3 Grenadier Red.



40sts = 141mm 40Rs = 35mm
OR 100sts = 356mm 100Rs
= 88mm, measured over jac-
quard. 40Rs rib = 51mm.



3 Col jacquard from cards
given & Tech 195.



Page 3.



200g Size 60 cm Chest.



Ribs, all Cols 2 ends taken
together. Cast on & 2Rs in Col
1, 4Rs Col 2, 4Rs Col 3. Rep
4Rs Cols 1, 2, 3 to end.
Jaquard, Cols 1 & 2 = 2 ends
together, Col 3 = single end
throughout. 2Rs 1, 2Rs 2, 2Rs 3
For cut & sew neckline, use
back chart ignoring neck
shaping & knit 2. Make cut
neckline as charts.



A. CoCir 2X1 Col 1 Cast on 4
& charts. K as chart & Notes.
B. Push up all empty Ns. Col 2,
2Rs CX/CX. St Patt A & Tech
195. K as chart.
C. St Patt B. K as chart.
D. Divide for neckline. K & dec
as chart on Rt side. CoF. Rep
for Lt side. CoF.

CAST ON : 4 : ENT
ALL ST PATT : NO
ST PATT A : ● : ENT
Read in cards 1a & 1b
ALTER : ENT
DIRECT : F → W : ENT
DIRECT OK : ENT
ADD : ENT
ADD WHAT? : ● : ENT
Read in cards 2a & 2b
ALTER : ENT
DIRECT : F → W : ENT
DIRECT OK : ENT
3 COL : ENT
KNIT TECH : 195 : ENT
ENLARGE POSITION : ENT
CM? : NO
POSITION : ENT
PATT AFT R0 : 42 : ENT
TO R/L : ENT
IN PATT AT R0 : ENT
↑ REP R0 : NO : ENT
↔ REP STS : 0 : ENT

E6000 PROGRAMME

ALL ST PATT : NO
ST PATT B : ● : ENT
Read in card B1
ALTER : ENT
DIRECT : NO
ADD : ENT
ADD WHAT? : ● : ENT
Read in card B2
ALTER : NO
3 COL : ENT
ENLARGE POSITION : ENT
CM? : NO
PATT AFT R0 : ENT
TO R/L : 18 : - : ENT
IN PATT AT R0 : ENT
↑ REP R0 : NO
ADD : NO
TECH : 195 : ENT
ALL ST PATT : NO
ST APTT C : 195 : ENT
ALTER : NO
ALL ST PATT : ENT
START CAST ON



A. As Back A.
B. As Back B.
C. As Back C.
D. As Back D.



A. As Back A.
B. As Back B but use St Patt C
& K & inc in 2Rs Col 2, 2Rs Col
3, 2Rs Col 1 to RC92. From RC
92 K & inc as chart in 2Rs Col
1, 2Rs Col 2, 2Rs Col 3. CoF.

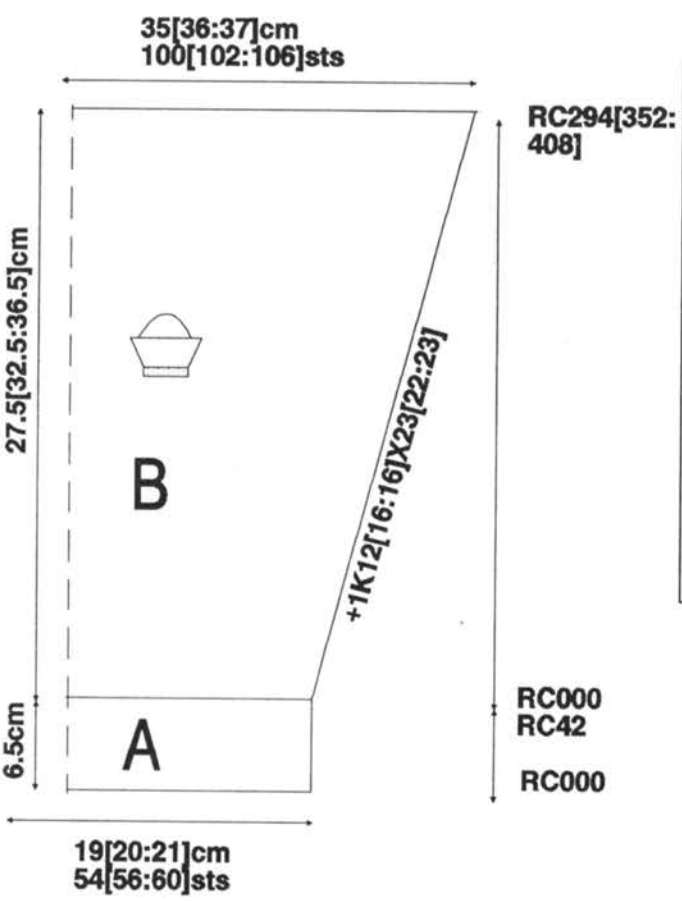
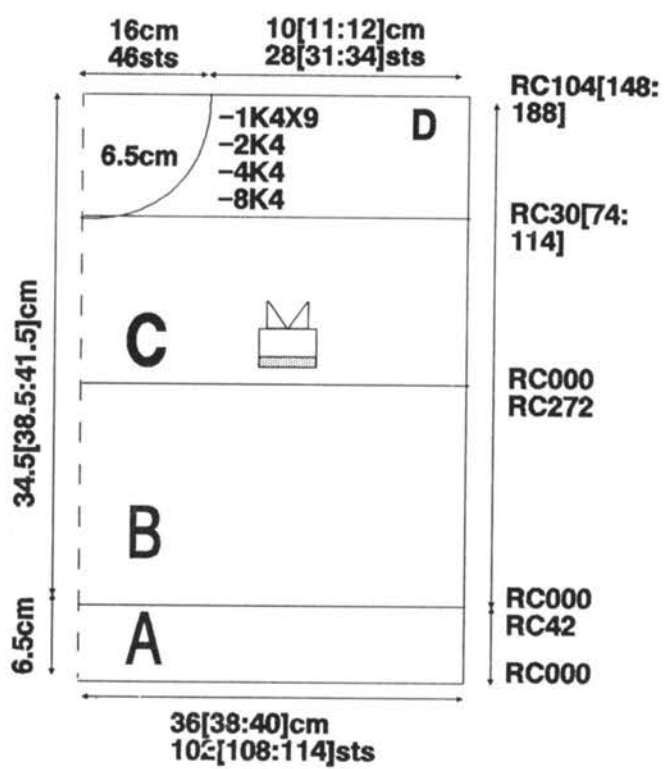
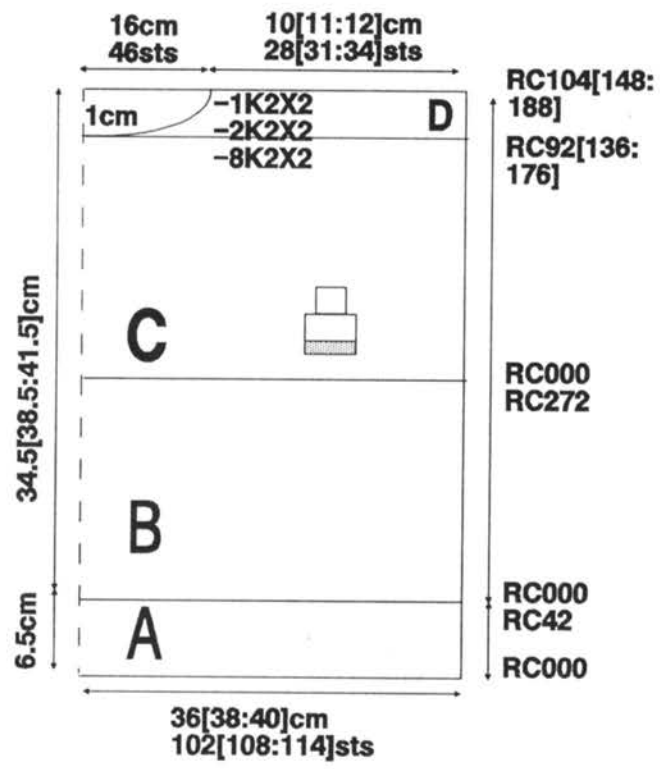


Push up Ns LT61 to RT61 both
beds. Arrange for 2X1 rib. Lks
N/N SS 2.5/2.5 Col 1 K 1R.
Push up pushers for every
working N on BB. Push up all
empty Ns on BB.
Lks CX/CX SS 3.5/3.5 K 2Rs.
Lks BX/N K 4Rs each Cols 1, 2,
3 to RC24.
Push up empty Ns on FB. Col 1
Lks CX/CX K 2Rs.
N/N K1R.
N/GX SS 5/5 K 5Rs.
Pull down length of yarn be-
tween beds. Lks GX/N K 5Rs.
WY K 2Rs.
Lks N/GX Pull down length of
yarn as above K 2Rs.
Lks N/N SS 3/3 K 8Rs & rel.

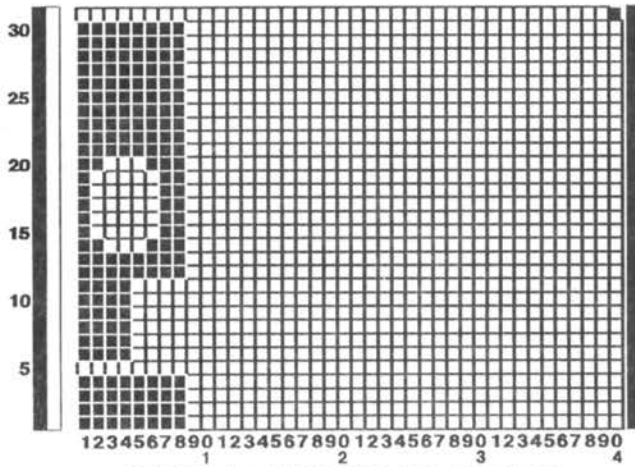


Block & steam all parts to size
& shape except ribs. Join RT
shoulder seam. Attach neck-
band to outside of garment with
backstitch through open loops un-
ravelling WY as you go, starting &
finishing at Lt shoulder. Slip stitch
second envelope edge to inside,
enclosing neckline. Join Lt shoulder
& band seam. Sew in sleeves. Join
side & sleeve seams. Back stitch in
red around ball. Give final light
steaming.

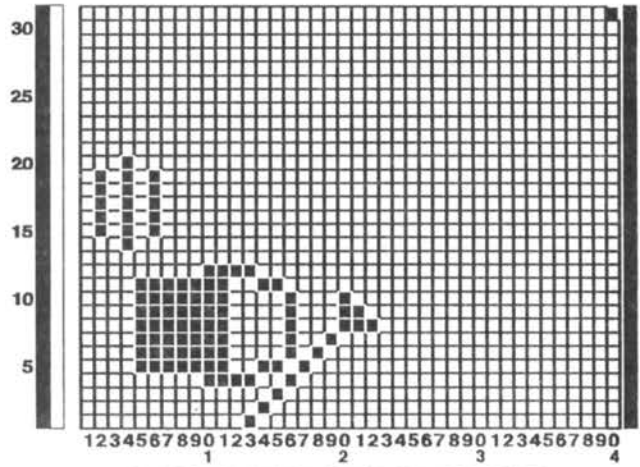
	60cm	65cm	70cm
1	35	35	35
2	141	141	141
3	A	A	A
4	B	B	B
5	54	57	60
6	19	20	21
7	(1)	(1)	(1)
8	195	195	195
9	C	C	C
10	135	135	135
11	161	161	161
12	38	38	38
13	99	102	105
14	35	36	37
15	(2)	(2)	(2)
16	28	33	37
17	35	40	44
18	(3)	(3)	(3)
19	0	0	0



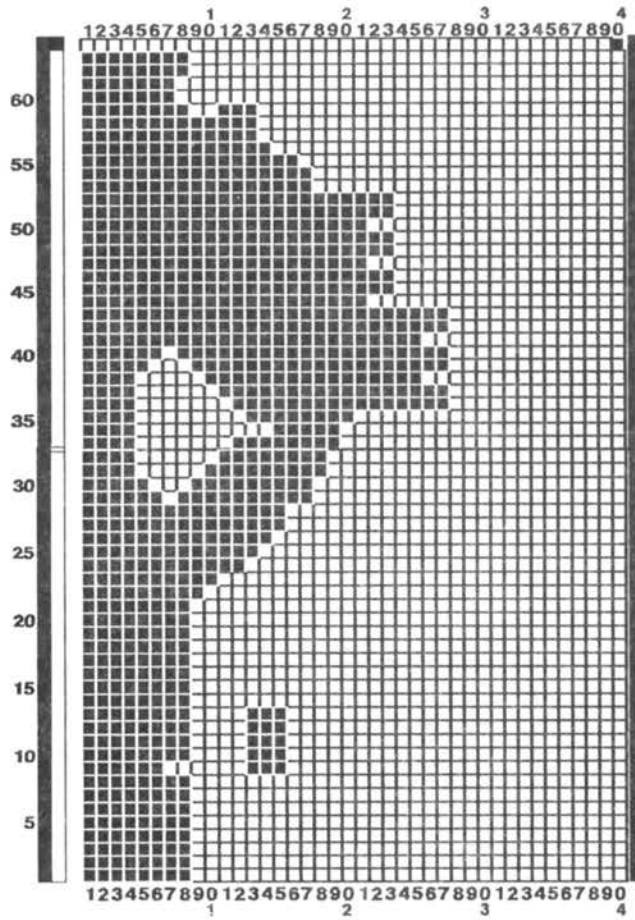
	60cm	65cm	70cm		60cm	65cm	70cm
1	35	35	35	1	35	35	35
2	141	141	141	2	141	141	141
3	A	A	A	3	A	A	A
4	B	B	B	4	B	B	B
5	102	108	113	5	102	108	113
6	72	74	80	6	72	74	80
7	(1)	(1)	(1)	7	(1)	(1)	(1)
8	195	195	195	8	195	195	195
9	C	C	C	9	C	C	C
10	135	135	135	10	135	135	135
11	161	161	161	11	161	161	161
12	38	38	38	12	38	38	38
13	102	108	113	13	102	108	113
14	72	74	80	14	72	74	80
15	(2)	(2)	(2)	15	(2)	(2)	(2)
16	24	24	24	16	24	24	24
17	42	45	49	17	42	45	49
18	(3)	(3)	(3)	18	(3)	(3)	(3)
19	226	226	226	19	226	226	226
20	135	135	135	20	135	135	135
21	56	79	96	21	56	79	96
22	67	67	67	22	67	67	67
23	191	191	191	23	191	191	191
24	144	144	144	24	144	144	144
25	133	133	133	25	158	158	158
26	0	0	0	26	0	0	0



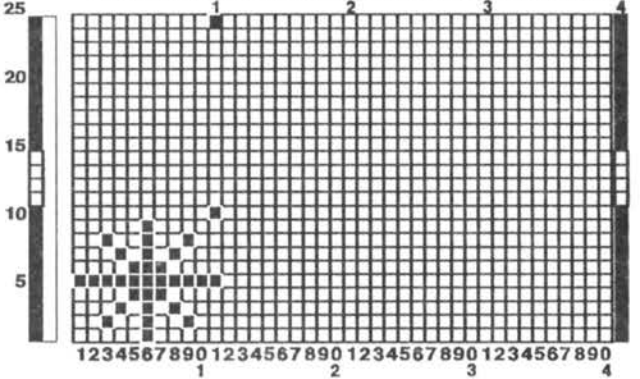
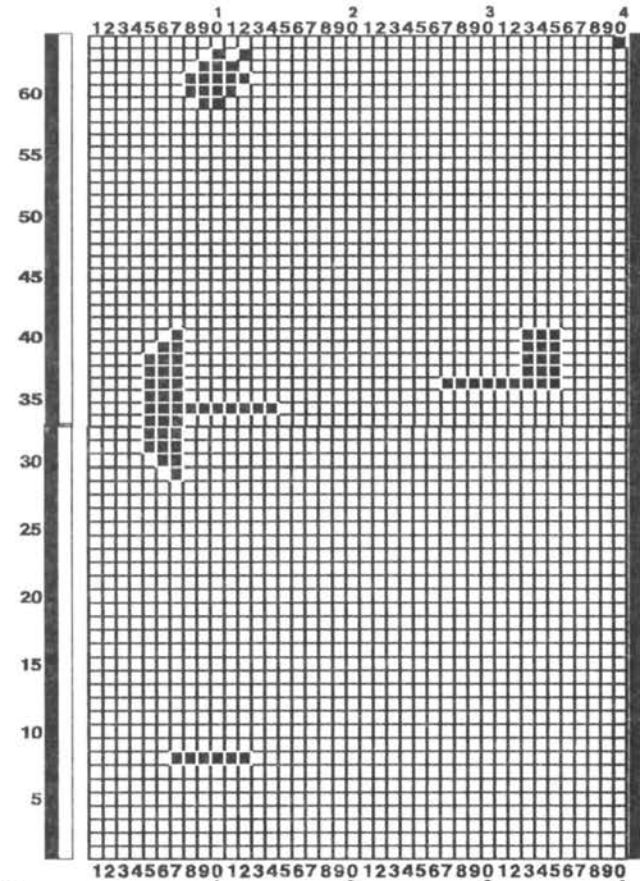
CARD 1A BELOW, 1B ABOVE

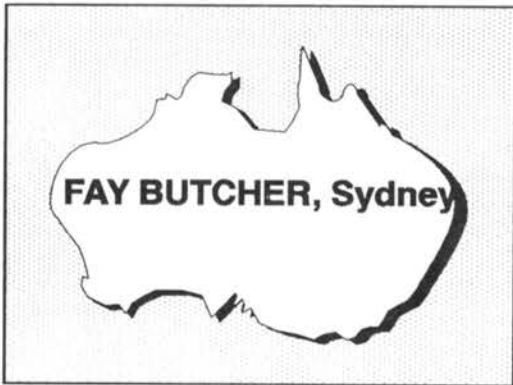


CARD 2A BELOW, 2B ABOVE



CARD B1 BELOW RIGHT, B2 ABOVE RIGHT





AUSSIES - "DOWN UNDER" AUSSIES - "DOWN UNDER"

In Australia we are now into our Winter Months - June, July, August. Temperatures vary across the vast land mass and it is a maximum today of 10 degrees Celcius here in Tasmania. Tasmania is an island located below the southern tip of the east coast of the mainland, but still very much a part of Australia. Tasmania forms part of the 6 States and 2 Territories which go to make up this wonderful land.

Whilst the early morning temperatures can be down to zero degrees Celsius, there are many parts of Australia still enjoying 25 degrees and better at this time of year. Many Aussies and overseas visitors travel to these balmy climates each winter to bask in warm temperatures and elude the cold weather.

Tasmania is steeped in the early history of our Land and plays a big part in our heritage. Machine Knitting is on the rise and I see many other crafts on display as well. The reason for me being in Tasmania at the moment is to fill the gap for Dennis Cook (and who could ever replace 'Dennis Cook?'), who was unable to come to Australia this year owing to his recent ill-health. However I am pleased to say that he is now much better.

During this trip I am going to continue this article on **TOOLS FROM DOWN UNDER** . . .

Firstly, let me say that I have been overwhelmed by the number of enquiries about the *Mercer Plating Device* featured in the last issue. The amount of interest shown from all parts of the world has been most encouraging.

The next useful tool we have is the **YARN HOOK!** This is a simple tool which catches the yarn in its hook and **WON'T LET GO** during the thread-

ing process. When threading up the machine and feeding the eyelet is in the lock, the Yarn Hook passes down through the feeding eyelet holding the yarn firmly allowing you to pick up the yarn and secure it under the machine without any fear of losing it. Additionally, the Yarn Hook will hold down the yarn at one end say during your actual knitting. If you have to change cones or have come to a knot which you don't require in the middle of your work, hook the yarn with the Yarn Hook near the knot and hold it down as you knit the next row.

There will be times when you have an unwanted loop at the end of your work which you did not notice until too late. Hook this loop with the yarn hook and it will act as a small 'weight' at the end of your work.

I am sure that you will find many other uses for this great little tool the more you use it. The cost is \$5.00 Australian, £2.50 U.K., \$4.50 USA. Airmail postage included in above prices.

One more little 'joy' is a gauge called **RON'S ROD**. A particularly big help when putting the Commercial Sandwich Neckband onto your garments which you complete on the machine. . . What a pain it is to have to knit back the last row by hand and have to 'guess' how far back to take the needle butt to get the perfect stitch size which has to be chain-stitched off at the end. . . Well **RON'S ROD** (obviously made by a guy named 'Ron') fits very neatly along the back size you need. You just slide it along as your work progresses to cater for the length of the sandwich seaming you are doing.

The cost is only \$3.70 Australian £2.00 U.K., \$3.75 USA. Airmail postage is included.

These are available from Fay Butcher, 94 Nottinghill Road, Berala NSW, 2141, Sydney, Australia. Payment can be made by Visa Credit Card facilities.

Next issue - we will deal with more 'goodies' from Down Under. . .

1993 CALENDAR IN AUSTRALIA

As we are better than halfway through 1992, it is time to look at what we have on in 1993.

One of the major events in Australia in 1993 will be the **ADELAIDE SEMINAR** which will be conducted by the Machine Knitters Association of South Australia.

Dates: 17 - 18 - 19th April 1993

Venue: St Peters College, St Peters, Adelaide, South Australia.

Contact: Hon. Secretary, Jan Durden 22 Ellythre Avenue, Hectorville South Australia 5073, Australia.

If you are planning a trip "down under" in 1993, then why not include a special treat for yourself - a 3-day Seminar in Adelaide? This City is known as the 'City of Churches' and is a really beautiful city made up of very hospitable and friendly people - especially Machine Knitters.

Adelaide is located about 800 miles or so, west of Sydney and on approximately the same latitude.

Until next time . . . Happy-Knitting, and Keep-on-Creating. .

Fay Butcher.

Greetings fellow knitters world-wide, from like minded enthusiasts here in South Africa. Let me introduce myself; my name is Jean Boshoff, an expatriate Brit who has lived in South Africa for thirty something years. Until recently my husband and I lived in Johannesburg where I worked one day a week as a Passap instructor in store at one of the Elna/Passap outlets. We decided to move away from the hurly-burly of Johannesburg and come back to this small Western Transvaal town of Stilfontein where we lived from 1972 to 1980. I knew I would miss my knitting friends in Johannesburg - and I do, but in the meantime I have found a new club and am making new knitting friends as well as exchanging different ideas.

One reads in 'DUET' about all the workshops and seminars available to enthusiasts all over the world and we do feel somewhat envious as we do not have these

available to such an extent here, and we are very far from all of you - Geographically speaking of course. Also our distances between large towns tend to be rather vast. Our main centres are usually considered to be Johannesburg (Pretoria is right next door), Cape Town & Durban and although comparatively speaking our population is small, machine knitting enthusiasm, skill and talent are great.

Elna/Passap as the name indicates distribute Passap through their own outlets and independant dealers. They provide ongoing training to those running their outlets and the independant dealers so that after sales tuition to customers is of a high standard. They also run knitting schools which customers can attend in the larger regions. Pfaff who distribute of course under their own name, also run a large knitting school in Johannesburg for their customers. Last year Passap inaugurated an annual knitting machine seminar which was held at a venue half way between

Pretoria and Johannesburg and this year's seminar was held on May 15th at the same venue. My husband and I left home at 6.50AM to arrive in good time for the 8.30AM start! My husband is not interested in the knitting, he enjoys the lunch! Also he's a gadget enthusiast, so anything new that comes out to do with my knitting machine, I am able to purchase without let or hindrance!

The seminar which was very well attended did not do any workshopping as such but comprised lectures from speakers who were all experts in their

was a real eye-opener! Stunning designs, colours and finish with absolutely no 'homegrown' look. After a super lunch we had an interesting demo of 'something different' by Anne Smith of Passap, the combination of self dyed & applied fabric and knitted fabric, as well as a novel way of using one's left over yarn. The penultimate talk was by a bank manager giving advice on how to go about starting a small business. The final item was a grand prize give away to lucky ticket holders. The main prizes were a Duo 80, a Combi Knitter, a Creation 6

software package and an Elna Computer Lock which was won by a delighted member of the male sex, yes, there were several men in the audience! Two further seminars will be held in June, one in Cape Town, and one in Durban.

Finally, do you get caught in the silliest way? The other day

I sat at the machine to finish a two colour garment, and the colour one eyelet just would not pick up, colour two was fine, but each time I had manually to move the lock to the right a second time before it would pick up the first eyelet. After several minutes I put colour one into eyelet holder two and colour two into eyelet holder three, and to my fury encountered exactly the same problem, and I knew that eyelet two, which now held colour one was not faulty . . . I was all ready to remove the back lock and start adjusting, when I dropped something onto the floor to the right of the machine, as I bent down to pick whatever it was up, I glanced at the auto colour, and saw that the lever was set to three instead of two, and so all the time the poor thing had been hunting for a colour three to pick up, when there wasn't one!

In my next I'll tell you more about South Africa and about our clubs. Until then, Goodbye,

from Jean.

GREETINGS FROM SOUTH AFRICA

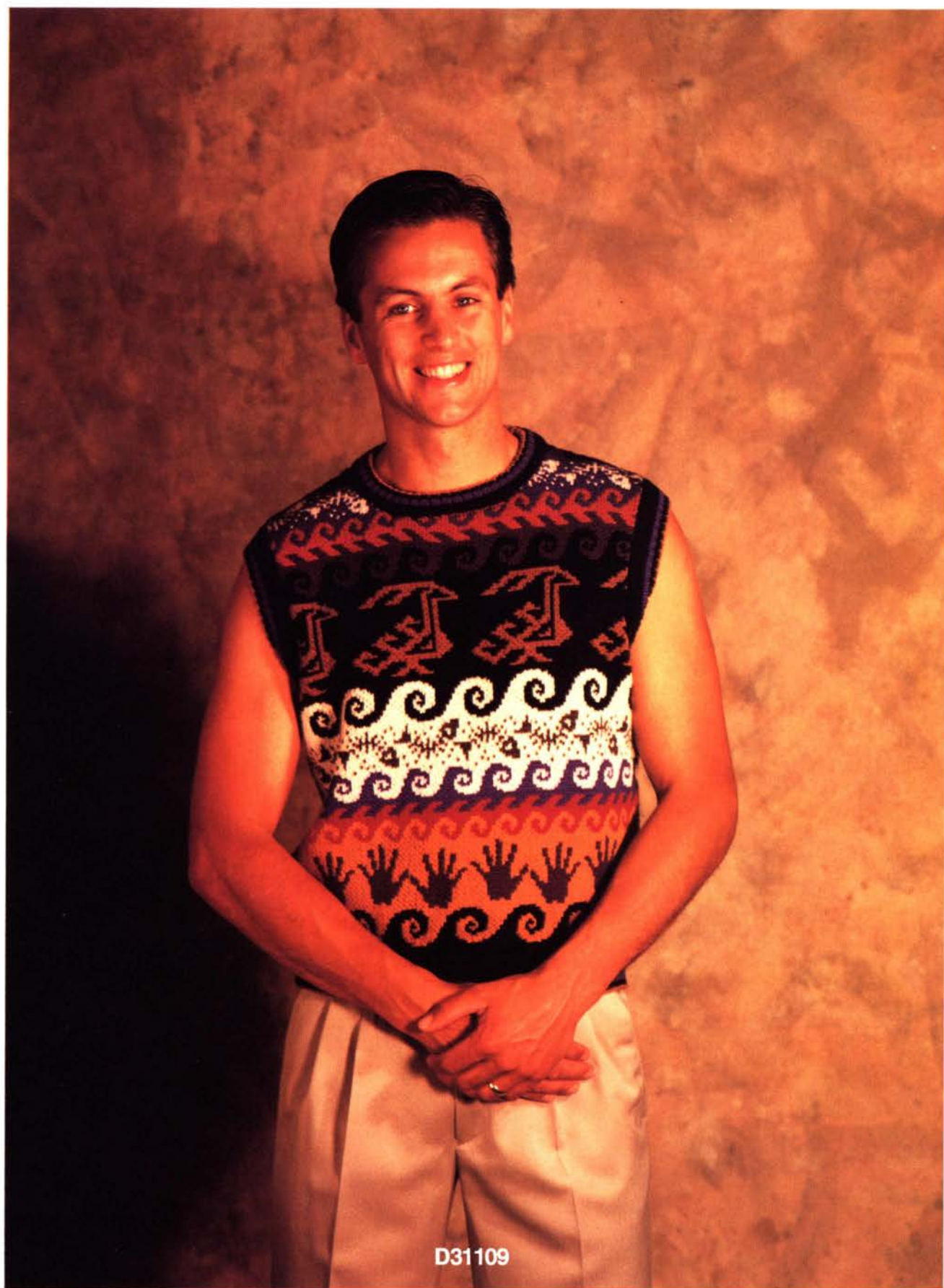
Jean Boshoff

own fields who had relevance to the world of machine knitting. There was a talk from an executive of a large knitting yarn group, who explained about the yarns his company produced and why it is usually difficult to obtain small quantities of industrial yarn for use in the domestic market. This was followed by a speaker who advised on finishes and how to present ones products to a boutique buyer. She stressed the importance of deciding at which market one should aim for when starting a new business. There followed a talk by a store owner who keeps an enormous stock of knitting yarns, and his talk was geared towards the business side of knitting. The next speaker was Gordon Flack-Davison, one of South Africa's foremost fashion designers, and he gave an insight into colour and shape in design. Next came a fashion show of knitwear by people who are already in the professional field of knitwear production on Passap machines and some who are just starting out in that direction, and this



D31108

142



D31109

14/8

D31109 Jacquard Slipover



5, 80, 6000



Edward Taylor, England.



82[87:92:97] Chest/Bust.



87[94:102:110]cm Chest/Bust.
Length 61cm.



NINA MIKLIN "Roma" 2/30s
Lambswool. 100g Black,
50[50:100:100]g Cream,
50[50:100:100]g Gold, 50g
Lavender, 50g Purple, 50g Tan,
50g Dark Red, 50g Orange, 50g
Grey. See Colour Sequence for
Col 1 & 2.



40 sts = 125mm 40Rs = 60mm
OR 100sts = 312mm 100Rs =
150mm measured over patt.
40Rs rib = 86mm.



Ribs 2X1 as Diag 1. Patt double
bed jacquard with card(s)
given and as Diag 2. *Tech 179*
with revised needle setting as
Diag 2.



Page 3.



280g Size 92cm.



All yarns taken 2 ends together
for patt. 3 ends together for
ribs. This design uses modified
tech 179 for E6000, see Diag 2.
On Duo machines design will
not be identical to photograph.
All RC shown are for Manual
counter on lock.



A. CoCir 2X1 as Diag 1 using 2
ends Gold with 1 end tan. 1R
N/N, 2Rs CVX/CX SS 4/4.
Change to 3 ends Black. 1R
N/N. RC000. 2Rs Black, 4Rs
Lavender. Cont to RC25 in

E6000 PROGRAMME	
CAST ON : 4 : ENT	
ALL ST PATT : NO	
ST PATT A : ● : ENT	
READER Read cards 1, 2 & 3	
ALTER : ENT	
DIRECT : ENT	
COL REV : ENT	
DIRECT OK : ENT	
ADD : NO	
KNIT TECH : 179 : ENT	
ENLARGE POSITION : ENT	
CM? : NO	
POSITION : ENT	
PATT AFT R0 : ENT	
TO R/L -0 : ENT	
IN PATT AT R0 : ENT	
REP R : NO : ENT	
REP ST0 : ENT	
TEST : NO	
ALL ST PATT : ENT	
FORM : ENT	
Enter Form Programme here	
START CAST ON : ENT	

Black. Bring up all empty Ns.
Lks CX/CX K 2Rs Lks N/N K
1R.

B. Set for jacquard as Diag 2. K
in patt following col sequence.

C. Cont in patt dec & K as
chart.

D. Dec & K as chart. CoF.



A. As Back A.

B. As Back B.

C. As Back C.

D. Divide for neck, using "knit-
back to place all Ns & pushers
at LT to NWP. Note row num-
ber. Work on RT side first. K &
dec as chart. CoF.

Return all LT Ns to WP &
pushers. Return to noted row
number. K as RT side reversing
shapings. CoF.



CoCir 2x1 over 145 Ns as Back
A using Black. RC000 K 10Rs
in Black, 4Rs with 2 ends Gold
+ 1 end Tan. 2Rs Black. 4 Rs
Lavender. 5Rs Black. Trans all
sts to BB. Lks N/GX SS 6 black

COLOUR SEQUENCE

RC	COL 1	COL 2
000	GOLD	BLACK
030	GOLD	PURPLE
075	GOLD	DARK RED
096	LAVENDER	DARK RED
110	LAVENDER	CREAM
129	GREY	CREAM
161	BLACK	CREAM
194	BLACK	TAN
258	BLACK	PURPLE
284	ORANGE	PURPLE
295	ORANGE	LAVENDER
313	CREAM	LAVENDER
344	BLACK	LAVENDER

stoppers. K 1R. Join RT
shoulder seam. Hang neck edge
onto Ns with wrong side facing
you. CoF all sts together.

Join remaining shoulder &
neckband seam. Fold band in
half to inside, slip stitch into
position.

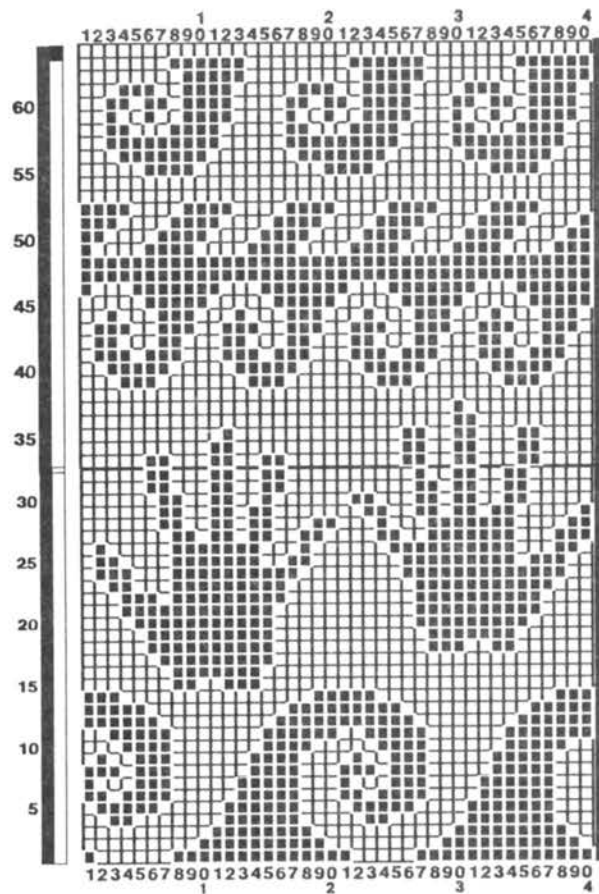
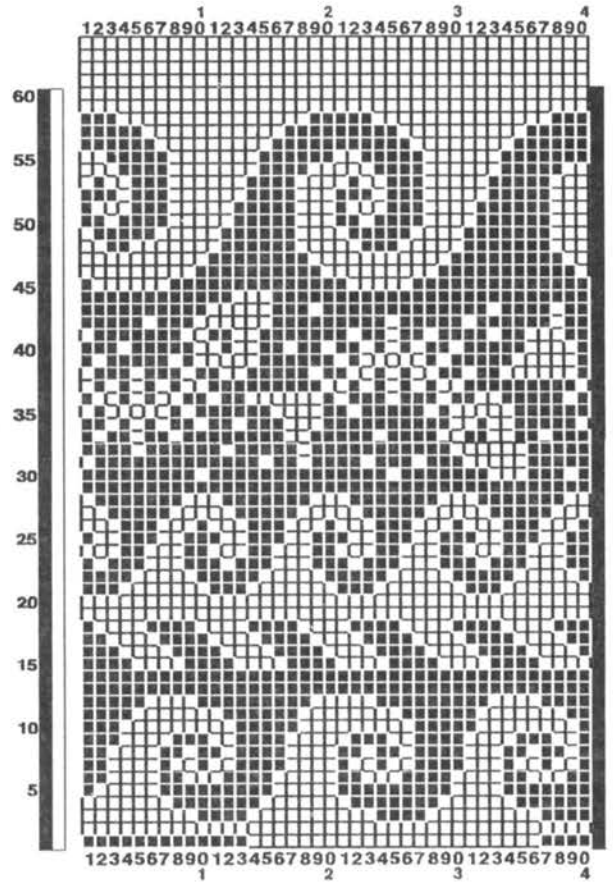
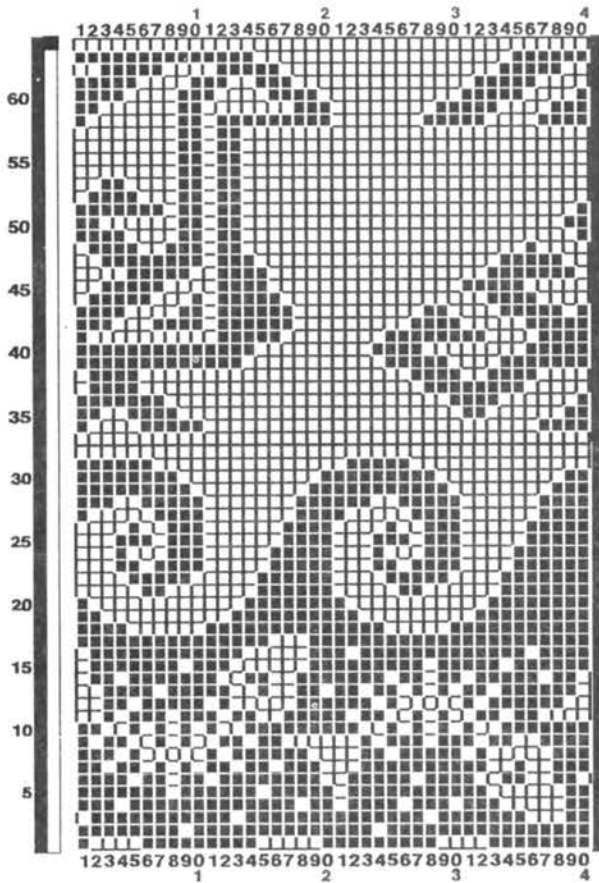
ARMBANDS

CoCir as Back A including col
sequence. RC000. K 2Rs Black,
4Rs Lavender, 9Rs Black.
Trans sts to BB. Lks N/GX SS 6
black stoppers K 1R. Hang
armhole edge onto BB Ns with
wrong side facing you. CoF all
sts. Repeat for second armband



Block & press parts excluding
ribs.

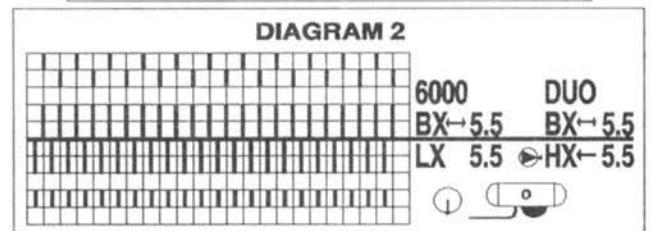
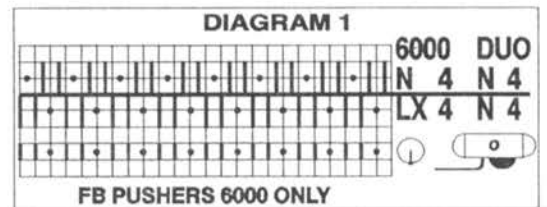
Join armband & side seams.
Fold armbands in half to inside
& slip stitch down. Give final
light steaming.

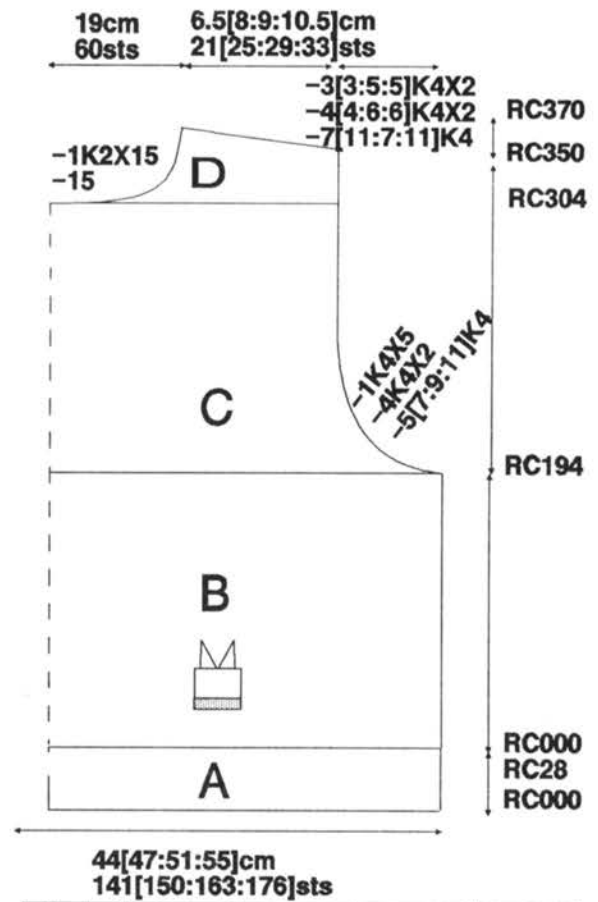
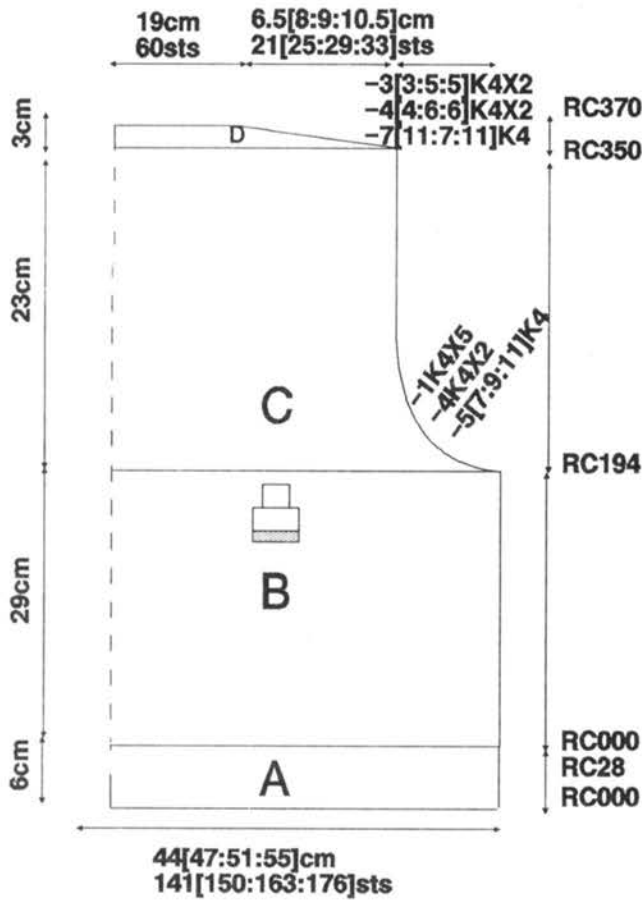


**E6000 READER CARDS
 BOTTOM LEFT CARD 2.
 TOP LEFT CARD 2.
 TOP RIGHT CARD 3.**

For Duomatic

Copy design as shown onto Deco cards. The design will knit mirrored right to left, but this will not affect the overall look of the finished garment.





	82 cm	87 cm	92 cm	97 cm
1	60	60	60	60
2	125	125	125	125
3	A	A	A	A
4	B	B	B	B
5	141	150	163	176
6	88	94	102	110
7	(1)	(1)	(1)	(1)
8	195	195	195	195
9	C	C	C	C
10	135	135	135	135
11	141	141	141	141
12	38	38	38	38
13	141	150	163	176
14	88	94	102	110
15	(2)	(2)	(2)	(2)
16	29	29	29	29
17	61	61	61	61
18	(3)	(3)	(3)	(3)
19	104	104	104	104
20	191	191	191	191
21	139	141	144	145
22	137	137	137	137
23	135	135	135	135
24	55	55	55	55
25	191	191	191	191
26	142	146	150	154
27	3	3	3	3
28	0	0	0	0

	82 cm	87 cm	92 cm	97 cm
1	60	60	60	60
2	125	125	125	125
3	A	A	A	A
4	B	B	B	B
5	141	150	163	176
6	88	94	102	110
7	(1)	(1)	(1)	(1)
8	195	195	195	195
9	C	C	C	C
10	135	135	135	135
11	141	141	141	141
12	38	38	38	38
13	141	150	163	176
14	88	94	102	110
15	(2)	(2)	(2)	(2)
16	29	29	29	29
17	61	61	61	61
18	(3)	(3)	(3)	(3)
19	232	232	232	232
20	191	191	191	191
21	139	141	144	145
22	137	137	137	137
23	135	135	135	135
24	55	55	55	55
25	191	191	191	191
26	142	146	150	154
27	3	3	3	3
28	69	69	69	69
29	191	191	191	191
30	151	151	151	151
31	136	136	136	136
32	135	135	135	135
33	12	12	12	12
34	0	0	0	0

PAT COOK

TECHNIQUES for WIDER KNITTING

This time I am going to talk about a problem which has been brought to my attention several times in the past few weeks. It is something about which I am personally very aware as I am quite a large lady. The fact is that the larger ladies and gentlemen among us run out of needles so to speak - that is we find that 180 ndls on each bed does not produce a wide enough fabric especially if, like myself, you have an aversion to snug fitting sweaters. So this time I have been trying out some techniques which overcome this problem.

At this point I can hear the "slyph-like" knitters saying "Oh this article is not for us", but these techniques can produce some very pretty and flattering styles for every one of us no matter what size we may be. All the techniques can be used with 2, 3 or 4 colours in a row. The samples that I have knitted use 3 colours in a row.

The pattern that I have used is made up of 2 of the designs from the Stitch Pattern Book that comes with the 6000e machine. I entered Pattern Number 1158 first and then super-imposed Pattern Number 1305 over the top. Although these 2 patterns are many pages apart in the book (patt 1158 is on page 142 and patt 1305 is on page 169) they are both the same size - 40sts x 20rows - so they will fit one over the other.

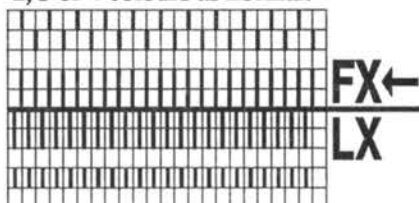
The yarn I have used is FORSELL superwash 2ply pure wool. I find that yarn with a high percentage of wool or 100% pure wool knits up beautifully when using the following techniques as it retains the shape of the knitting without sagging. The Forsell is very good as it does not tickle.

TECHNIQUE A - swatch A

6000E Machines - Programme your pattern with technique 180 for 2 colour work;

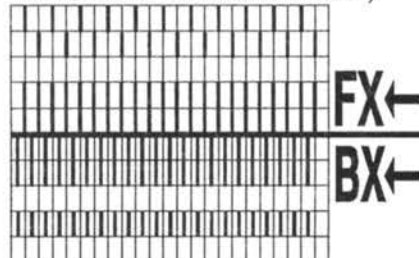
technique 195 for 3 colour work; technique 207 for 4 colour work.

When you go through the SX/GX procedure set the front lock to LX as the machine requests but set the BACK LOCK to FX with only the left side arrow key depressed and the back bed pushers in one-up, one-down, sequence. See DIAGRAM 1. With the 2ply yarn I used Stitch Size 3 on both locks. Then knit with your 2, 3 or 4 colours as normal.



TECHNIQUE 180 - 2 COLOUR
TECHNIQUE 195 - 3 COLOUR
TECHNIQUE 207 - 4 COLOUR
DIAGRAM 1

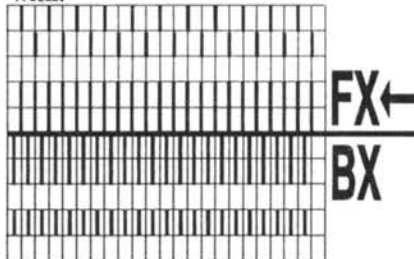
DUO 80 Machines - set your machine as
DIAGRAM 2 for 2 colour work;



2 COLOUR
DIAGRAM 2

DIAGRAM 3 for 3 or 4 colour work. This technique increases the width of the knitting without making the pattern too big and is very suitable for blouson styles for any size of person. It also gives a little mock cable effect very similar to the basic tuck stitch

pattern that everyone seems to start with.

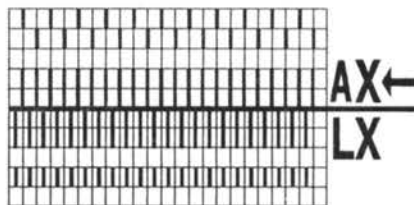


3 & 4 COLOUR
DIAGRAM 3

TECHNIQUE B - swatch B

6000e Machines - Programme your pattern for technique 180 for 2 colour work; technique 195 for 3 colour work; technique 207 for 4 colour work.

When you go through the SX/GX procedure set the front lock to LX as the machine requests but set the BACK LOCK to AX with both the arrow keys depressed and the back bed pushers in one-up, one-down, sequence. See DIAGRAM 4.



TECHNIQUE 180 - 2 COLOUR
TECHNIQUE 195 - 3 COLOUR
TECHNIQUE 207 - 4 COLOUR
DIAGRAM 4

With the 2ply yarn I used Stitch Size 3 on both locks. Then knit with your 2, 3 or 4 colours as normal.

DUO 80 Machines - set your machine as
as
DIAGRAM 5 for 2 colour work;



**2 COLOUR
DIAGRAM 5**

DIAGRAM 6 for 3 or 4 colour work.



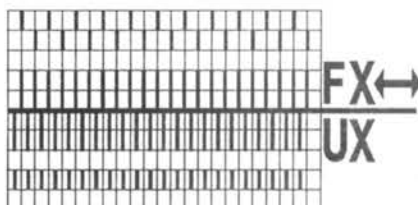
**3 & 4 COLOUR
DIAGRAM 6**

This technique gives more width than
tech A and looks exactly like 'Half
Fishermans rib' but 2, 3 or 4 colours.

TECHNIQUE C - swatch C

Finally, I have always been intrigued
by the U setting on the front lock of
the 6000E but until now I have never
tried it. It does produce a very inter-
esting effect. As the locks go from
right to left it tucks on the back bed
and knits in pattern on the front bed.
As the locks come back again left to
right it knits in the back bed and tucks
on every needle on the front bed. This
gives a lovely decorative stripe effect
mingled in with the pattern if you use
the following settings:-

Programme the machine for 180, 195
or 207 as for techniques A and B. Set
the machine to UX on the front lock
and FX on the back lock with pushers
in one-up and one-down sequence
and both arrow keys depressed. See
DIAGRAM 7.



**TECHNIQUE 180 - 2 COLOUR
TECHNIQUE 195 - 3 COLOUR
TECHNIQUE 207 - 4 COLOUR
DIAGRAM 7**

Then knit as normal. Stitch size 3 on
both locks seemed about right. The
occasional stitch failed to knit
through every time on the back but
this did not affect the pattern at all.
This technique gave the widest knit-
ting of all. I'm afraid that DUO 80
knitters will not be able to do techni-
que C.

When I measured my swatches I
found that using Tech. A that I could
achieve a knitted width of 72cm (28
inches) from my 180 needles each

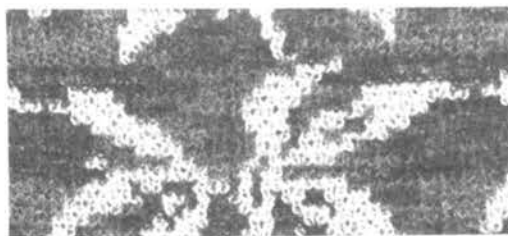
bed. This would enable me to knit a
sweater up to 56 inches in circum-
ference.

Using Tech. B - a width of 78cm (30.5
inches) could be achieved. This
would knit a sweater up to 61 inches
in circumference.

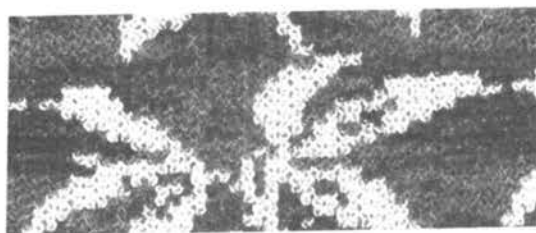
Using Tech. C - a width of 85cm (33.5
inches) could be achieved. This
would knit a sweater up to 67 inches
in circumference.

There are many people who would
need sweaters anything like as large
as these. What it does mean is that
you are able to knit a large sweater on
relatively few needles which is always
much easier than having to use the
while needle bed. It also means that a
large sweater can be knitted without
having to resort to insets and panels
which can mean extra work in the
'making up' stage.

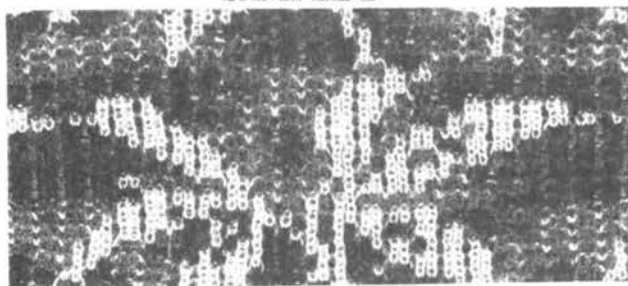
These techniques also open up a
whole new concept in ways of knitting
the ribbed sections and that is what I
shall be discussing next time.



SAMPLE A



SAMPLE B



SAMPLE C

PAT COULSTON

THE CARD READER

Do you use your Card Reader?

Lots of knitters tell us that their Reader, sheets and pen lie idle in a drawer. So, this time, we will rectify this, and starting at the very beginning, see what our Card Reader can do.

Before we start, it is a good idea to give the insides of the Console, where the Reader feeds through, a clean. The only way this can be done, is to buy the special sheet for this purpose, which feeds through, and cleans away any dust that may have crept in. This Cleaner Card is obtainable from your Passap or Pfaff Dealer or by Mail Order, and costs about £6. (UK) Did you know that the console can be lifted forward, so that it leans on the machine, which makes dialing in the numbers, using the reader knob, etc. easier.

Find your blank cards, the pen, little red studs, blank sheet, the pattern sleeve, Instruction Manual, Duet No 6, P55, Duet No 10 and have them all to hand.

Let us study that blank card.

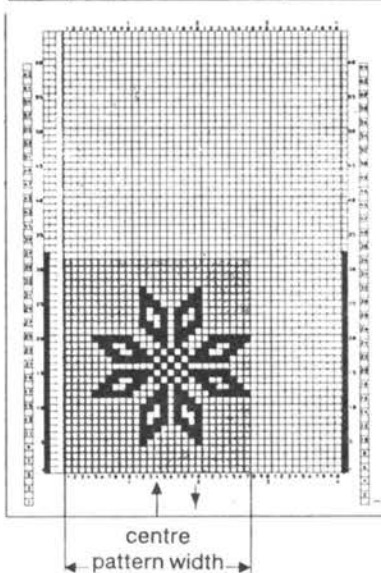
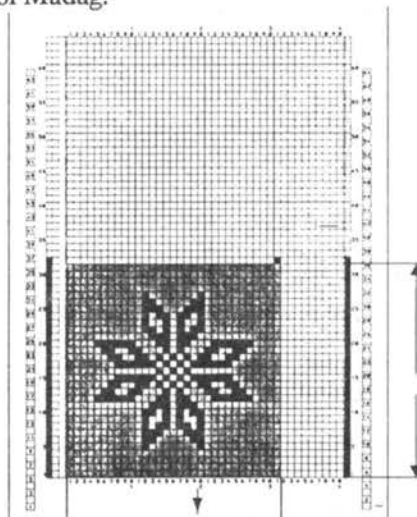
At the left there are rows of numbers going up, 1,3,5,etc. Then there are two columns also going upwards, with the numbers 1,5,10 etc. Moving to the left, you get the grid, which is 40 squares wide, and 64 squares high. On the right is a single column, with numbers again, 1,5,10 etc. and finally, a line of numbers, like those on the extreme left, but this time giving even numbers, 2,4,6 etc.

Along the top and bottom of the card, are the numbers 1 - 40, marked in 10's.

There are three punched out holes in the card, and into these holes go the little red studs, fixing this card to the

Pattern Sleeve, which is the large card with the clear plastic front. Do take care of this sheet, and be careful not to bend the edges of it. They are not inexpensive to replace, but will of course not last forever! Store them when not in use, flat.

The two diagrams shown here are reproduced from page 126 of the instruction Manual by kind permission of Madag.



Pattern HEIGHT

The first thing to understand when drawing in a pattern is that two columns, right and left of the centre pattern grid, have to be filled in. This denotes the **HEIGHT** of the pattern.

a) on the **LEFT** of pattern.

The left column of the pair is filled in, all the way up the pattern, PLUS one extra square, after the pattern has finished.

b) on the **RIGHT** of the pattern.

The single column is filled in, again going one square above the pattern. This matches the column on the left.

If you want one plain row above the pattern, draw the columns up two more squares above the pattern. One for the plain row, and one marking the height of pattern.

This is clearly shown in the first diagram, where the height is 4 rows above the motif.

WIDTH of pattern.

A pattern drawn onto the card, will be repeated, from square 1, to the last black square you have drawn in. The width of example 2 in diagram 2 from page 126, is 27 squares wide. Making up that 27 is 23 squares of pattern and 4 blanks.

Another thing you have to know, is that this clever little computer works out for you, and centralises the pattern you have drawn, so, when you actually knit, the 27 patterned stitches will be in the centre of the needle bed, and then repeat the pattern in blocks of 27 sts to the left and right of the centre block.

Whilst talking about the **WIDTH** of the pattern, there is another way to

achieve plain stitches between patterns.

If you look at Duet 10, p16, you will note that the black square, denoting the width, is on the last row of pattern. However, if you look at the actual jumper opposite p10, there are spaces between the racquets. Funny, you may think, why is that? The answer lies on p15, in the Programme and Notes section.

Read on to the instruction "ENLARGE POSITION". Go on again, and note the only change is to the -REP ST 0 : 3 So instead of drawing this instruction of 3 blank squares on the pattern, it has been changed at the 'ENLARGE POSITION' stage. Both have the same desired effect. (incidentally, what a clever pattern this is, front is a brilliant idea)

Filling in the Squares

Always start the pattern on an odd number row and at the left hand side - you must not start on an even number.

Also, there must always be a gap between patterns going up the sheet.

The area to the right of a pattern you have drawn is void, and cannot be used for another pattern.

You can of course, going across the chart, start patterns where you want, especially if you want lots of blank spaces before and/or after the pattern.

Drawing in the squares must be done very carefully. The whole square must be filled in, and there is no going over the edges allowed!! If you do, the pattern will not be accepted. It helps to draw in the pattern with a soft pencil first, so you can be sure it is correct, and then go over the pencil squares with the pen.

A magnifying glass (best of all is the magnifying light) is a great help. Take your time doing this - it is really crucial.

TIP - I have found it very useful when filling in large areas, to go round the edges first with a black CRAYON (not a felt tip pen). This seems to make it so much easier to fill in the squares with the thicker pen.

When the pattern is drawn out and attached to the pattern sleeve by the

red studs, turn on the machine, and programme up to **St. Patt A**. To this, say ● ENT

Make sure the Reading knob is at the left side.

On pages 72/73 of the instruction Manual are diagrams and descriptions of how to insert the Card.

Insert the Card Reader into the top of the console, until you feel it touch the cogs inside the console. Then turn the wheel, until Row 1 appears. Turn on, as necessary, until the start row number of the pattern required.

Now you are going to 'read' this pattern into the console.

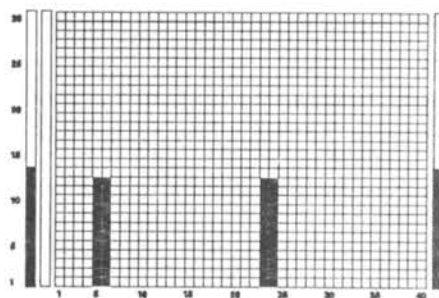
Take the Reading Knob to the right, back to the left etc. Do this firmly and evenly, and not too fast. This is not a race. Make sure that you take the reading knob as far as it will go each time and that at the end of each passage of the reading knob you hear a click.

If you have any unevenness in your drawing, you will get 'error 108'. Note the number row on which this occurred. Remove the pattern from the Reader, and have a good look at your squares, on the row about which it complained. It may be that you have gone over the edges. Tippex will help to straighten this, or, it may be that the square is not filled in enough, or is not dark enough.

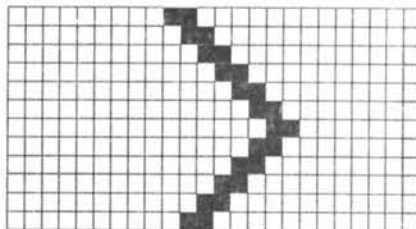
Other error numbers can also happen, these error numbers and their meanings are shown on pages 183/184 of the Manual.

If the pattern is accepted, the next instruction will be 'ALTER'. From here on you continue to programme as normal. Remove the sheet from the console on completion of the pattern reading - do not leave it there.

Now suppose you want to superimpose a drawn pattern, with one from the Stitch pattern book. This is quite possible, providing they are the same width and height as each other. For example, draw a pattern like this:-



Programme in for ST PATTERN A, number 1402 from the pattern book, which looks like this:-



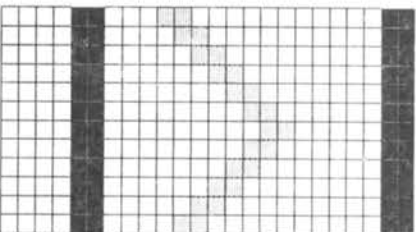
ALTER : ENT
DIRECTION : NO
ADD : ENT
ADD WHAT? : ● : ENT
(This tells the console you are now going to use the reader).

Put the card in the reader, and starting on the correct row of your pattern, scan in the 12 plus two rows of the pattern.

It will then show next

ALTER : ENT
DIRECTION - NO
3 COLS : ENT
ADD : NO
etc.

The resulting superimposed pattern will look like this, although you will not be able to see it until it has been knitted.



One word of warning. Because you are now using 3 colours, make SURE you programme in a 3 colour technique. I spent an entire morning doing this sample, because I used Techni-

que 183 (2 colour technique) and wondered why I could not get the correct pattern to come up. I am only glad that George was not available when I 'phoned him for help. I would hate to have admitted that I was using 183 instead of 195!!!! Here is our new pattern knitted as fabric.



One more thing left to talk about. Often you want to use a pattern that is wider than the width of the card. Again turn to the Manual, page 128 and the tiger is the example. Here the pattern is three cards wide, and two cards height (six cards in total). Note it is split up into 6 cards and the cards are lettered A to F. The cards

are entered into the machine in this alphabetical order.

At the top of the left vertical lines on card A (also on C and E) there is an extra square, next to the left hand column. You can see this clearly in the enlargement on p 129, which shows row number 64.

Card B, which is entered next, does not have this extra square. Now it is the turn of Card C which does have the extra square where as Card D is without it. Card E is next, with the extra square, and finally card F without it.

However, Card F does have one extra square, and that is the one at the top of the pattern, on the right, to denote the last vertical line of the pattern. This pattern, on p129 is 110 sts wide.

When you want a card to continue UP, i.e. to get the tigers left ear, (card B) you MUST put in this extra square, then, at the top of card A, the

console display will flash up, 'CONTINUATION'. Press 'ENT' and put in card B. At the end of card B comes up the word 'ALTER'. To this press 'ENT. To 'ADD WHAT' enter ' . ● ent.'

The rule is:- a) after an extra square to the right of left column, you get 'continuation'.

b) when the top card is completed, you do NOT have this extra square, and at 'ALTER' you say 'ENT' so that you can put in the next bottom card. This sounds horrendous, but if you read these notes, with p129 in front of you, and go through it one step at a time, I am sure that it will make sense. This is the basic information you will need for using the Card Reader, on its own, and in combination with the built-in patterns.

For more information, read Duet no 6, p55 and the book 'The Passap/Pfaff 6000 Knitting Machine' by Irene Krieger and George Le Warre.

See you next time,
Pat

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D3111 Ladies Navy & White Sweater



5, 80, 6000



Betty Manwaring, England.



86[94:102]cm Bust.



96[104:112]cm Bust.
Length 62cm.



CHRISTIANA YARNS
"Braemar" 2/30's 80% acrylic & 20% wool. Approx 1510 metres per 100g.
300g Navy = Col 1, 300g White = Col 2.



40sts = 152mm 40Rs = 69mm
OR 100sts = 380mm 100Rs = 173mm, measured over patt.
40Rs rib = 55mm.



2X1 ribs *Cast on 4* as Diag 1. 2 colour jacquard with card(s) given *Tech 183* as Diag 2.



Page 3.



450g Size 92cm Bust.



2 ends each col yarn used throughout patt. 2 ends Col 1 used for ribs & bands.

The jacquard designs for the E6000 and Duomatic are NOT identical. (E6000 patt width repeat is 32 sts. Duo patt repeat is 40 sts). Optional cut & sew neck.



KNIT TWO if using cut & sew neck method.

A. CoCir Col 2 as Diag 1. K to RC6 as chart, Col 1, K as chart.
B. Push all empty Ns to WP. Lks CX/CX SS 3/3 K 2Rs. Lks N/N K 1 R. Set for St Patt A as Diag 2. K 2Rs Col 1 2Rs Col 2 as chart once through st patt, (RC20).

E6000 PROGRAMME	
CAST ON : 4 : ENT	KNIT TECH : 183 : ENT
ALL ST PATT : NO	ENLARGE POS : NO
ST PATT A : ● : ENT	ALL ST PATT : NO
Read in card 1	ST PATT C : ● : ENT
ALTER : NO	Read in card 1 again
KNIT TECH : 183 : ENT	ALTER : NO
ENLARGE POS : NO	KNIT TECH : 183 : ENT
ALL ST PATT : NO	ENLARGE POS : NO
ST PATT B : ● : ENT	ALL ST PATT : ENT
Read in card 2	FORM : ENT
ALTER : NO	Enter Form Programme here for Back, Front, or Sleeve.

C. Set for St Patt B. K 2Rs Col 1, 2 Rs Col 2 as chart to RC296
D. Set for St Patt C. K as chart. CoF.

Change to WY. Lks CX/CX K 4Rs. Lks N/N, Orange strippers, K several Rs & rel.



A. As Back A.
B. As Back B.
C. As Back C.
D. Divide for neck placing all LT pushers out of work. Work on RT side first. Note row number. Dec & K in patt as chart.
E. At RC296 set for St Patt C. Cont shaping as chart. CoF. Return all LT side pushers to WP & return patt to noted row. K RT side reversing shapings D & E.



Block & steam all parts to size & shape, omitting ribs. If making cut & sew neckline, cut shape in front. Join Rt shoulder. Attach collar backstitching through open loops of envelope section & unravelling WY as you go to outside of garment. Slip stitch second section of collar envelope to inside enclosing neck edge. Join LT shoulder & collar seam. Sew in sleeves. Join side & sleeve seams. Give final light steaming.

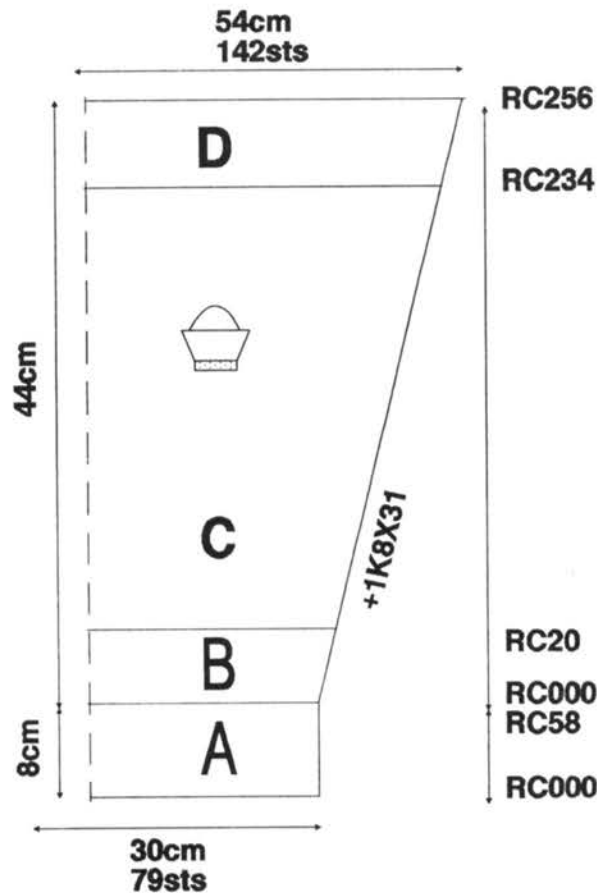
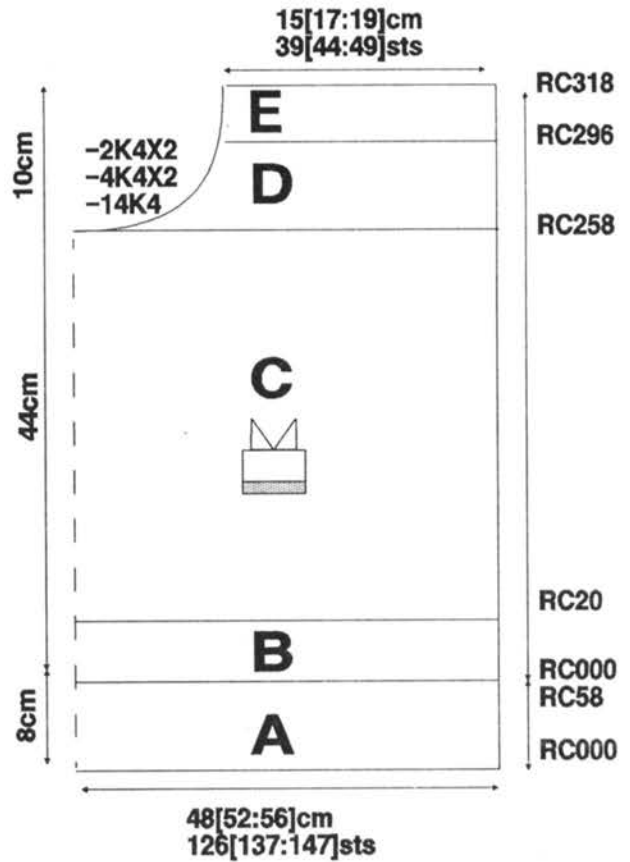
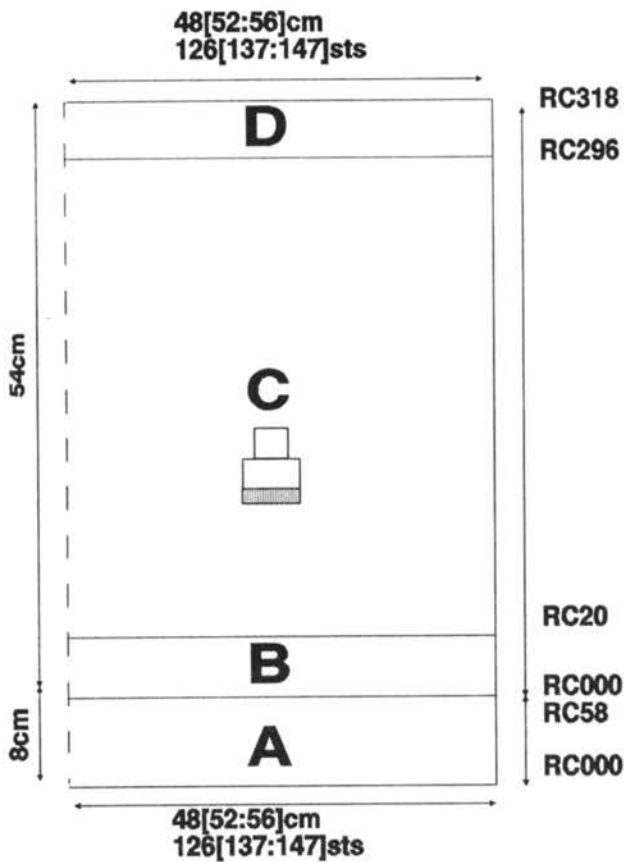


A. As Back A & chart.
B. As Back B. K & inc as chart to RC20.
C. As Back C. K & inc as chart to RC234.
D. Set for St Patt C. K & inc as chart to RC254. Lks N/N K 2Rs Col 1. CoF.

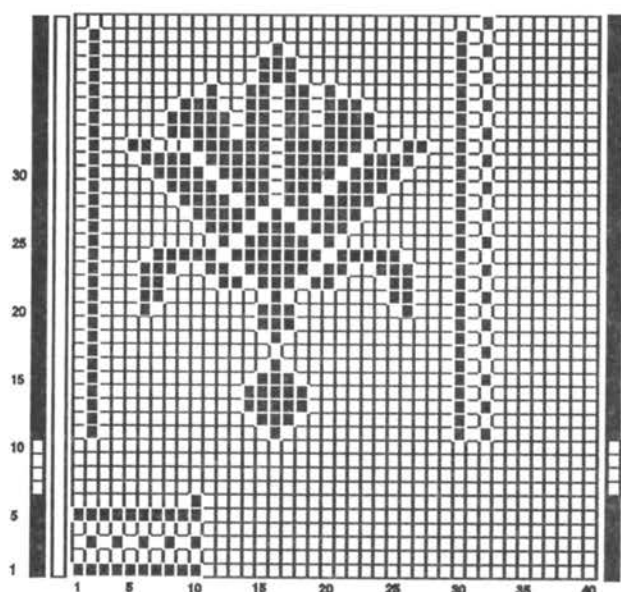


CoCir 2X1 140Ns, Col 1 as foll. 1R N/N SS 2.5/2.5 Place pushers in WP under all working Ns. Push up all empty Ns on BB ONLY. 2Rs CX/CX SS3/3. Lks BX/N SS 3.25/3.25 K 26Rs. Push up empty FB Ns to WP. Lks CX/CX K 2Rs. Lks N/N K 1R. BLACK STRIPPERS Lks N/GX SS 5.75/5.75 K 2Rs Col 1, 4Rs Col 2. Lks GX/N. Pull down loop of yarns between beds. K 2Rs Col 1, 4Rs Col 2.

	86 cm	94 cm	102cm
1	69	69	69
2	152	152	152
3	A	A	A
4	B	B	B
5	126	137	147
6	96	104	112
7	(1)	(1)	(1)
8	195	195	195
9	C	C	C
10	135	135	135
11	144	144	144
12	38	38	38
13	126	137	147
14	96	104	112
15	(2)	(2)	(2)
16	54	54	54
17	62	62	62
18	(3)	(3)	(3)
19	0	0	0



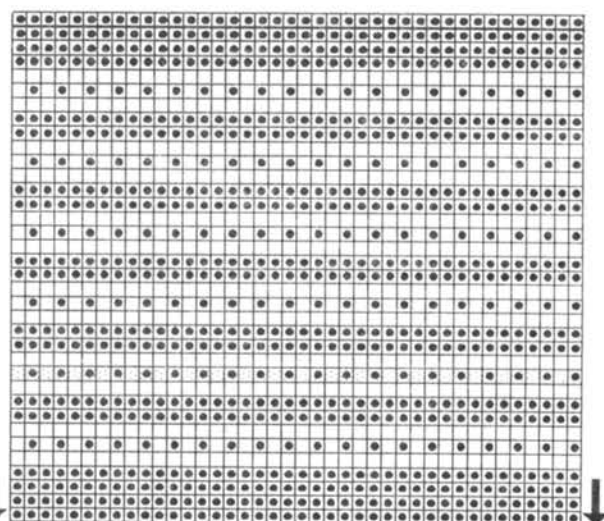
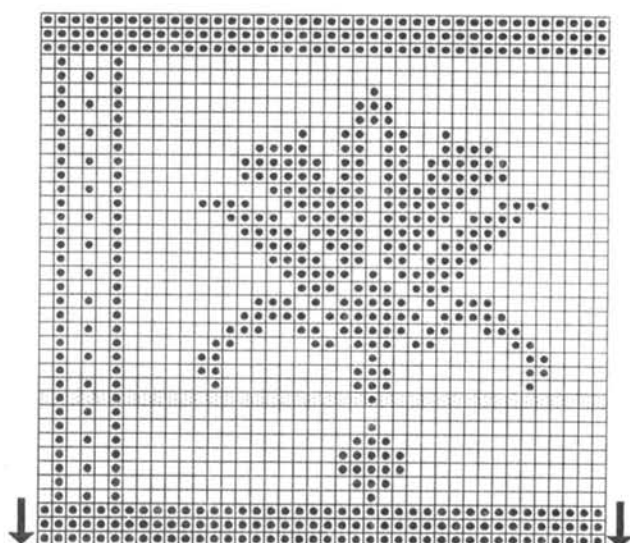
	86cm	94cm	102cm		ALL SIZES
1	69	69	69	1	69
2	152	152	152	2	152
3	A	A	A	3	A
4	B	B	B	4	B
5	126	137	147	5	79
6	96	104	112	6	30
7	(1)	(1)	(1)	7	(1)
8	195	195	195	8	195
9	C	C	C	9	C
10	135	135	135	10	135
11	144	144	144	11	144
12	166	166	166	12	38
13	126	137	147	13	142
14	96	104	112	14	108
15	(2)	(2)	(2)	15	(2)
16	54	54	54	16	44
17	62	62	62	17	52
18	(3)	(3)	(3)	18	(3)
19	69	69	69	19	0
20	191	191	191		
21	145	145	145		
22	131	131	131		
23	135	135	135		
24	12	12	12		
25	0	0	0		



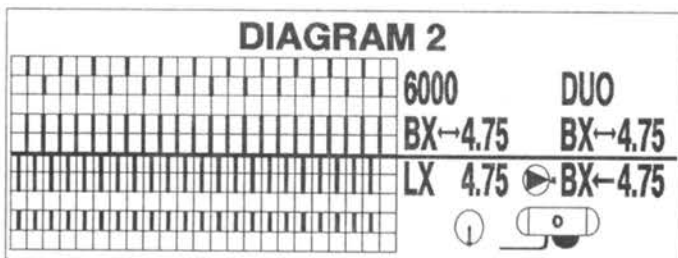
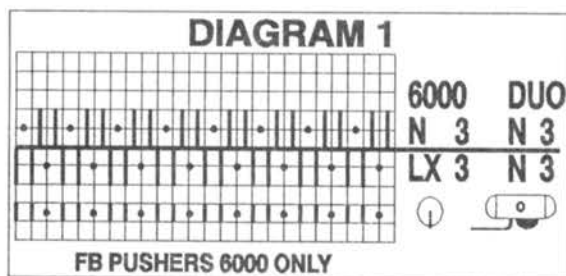
E6000 Reader Sheet

Card 1, (St Patts A & C) at bottom.

Card 2, (St Patt B) at top.



DECO CARDS
Card 1 (St Patts A & C) bottom.
Card 2 (St Patt B) top.



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Card 1, (St Patts A). Insert this card after knitting rib. Knit to RC20. Remove this card.

Insert card 2, (St Patt B). Set Deco to 0 Pass Deco over bed Lt to Rt & attach to lock & set as Diag 2. Knit to RC noted. Remove this card.

Insert card 1 again, (St Patt C). Set Deco to 0 Pass Deco over bed Lt to Rt & attach to lock & set as Diag 2. K as chart.

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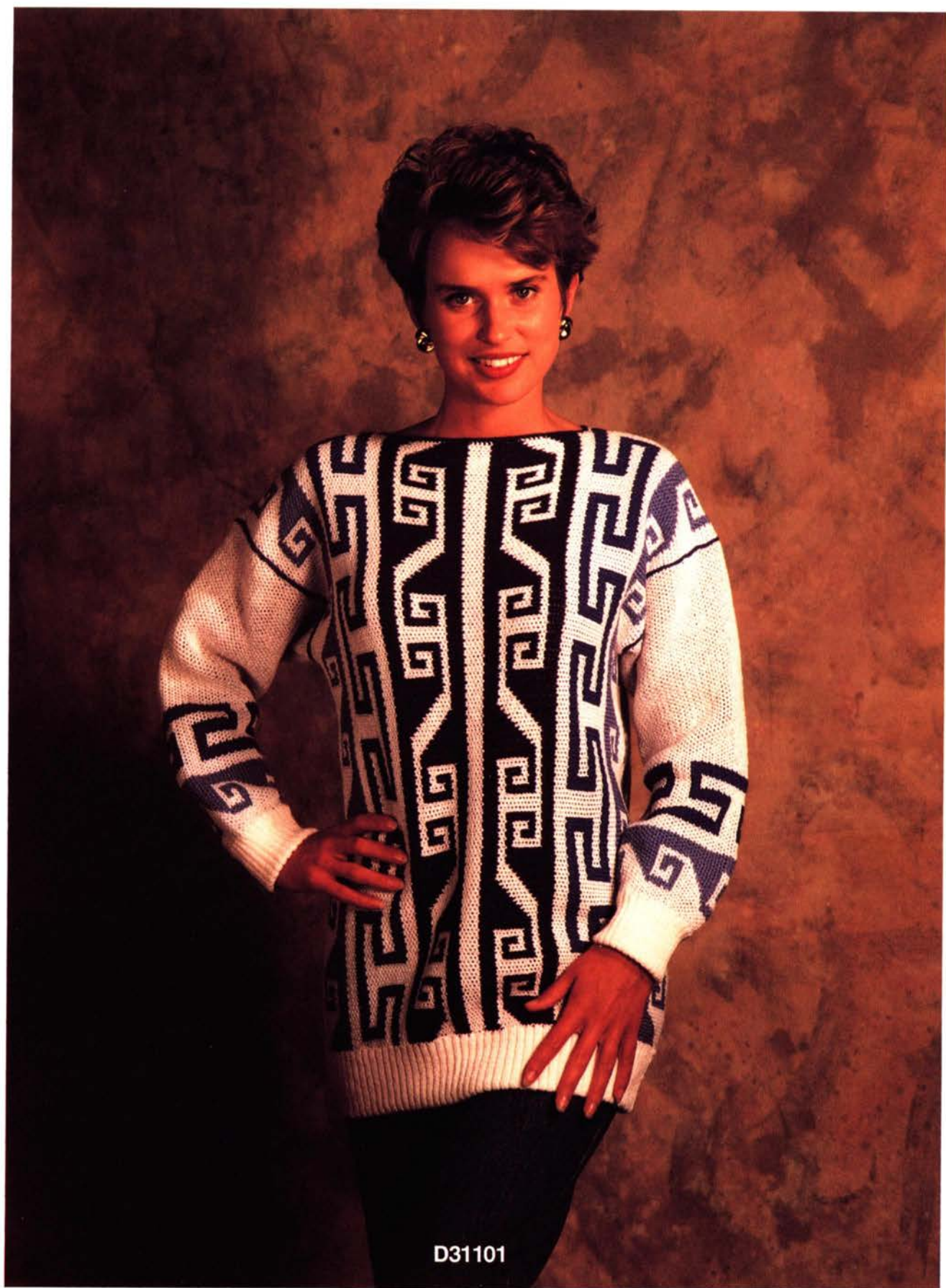
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D31103

26a



D31101

26/12

D31101 Ladies Jacquard Sweater



5, 80, 6000



Anne Mortlock, England.



92[97:102]cm Bust.



104[112:117]cm Bust.
Length 65cm.



BRAMWELL 2/30's acrylic.
100% high bulk acrylic.
1X500g cone White = Col 1, 1
cone Pale Lavender = Col 2A,
1 cone Lavender = Col 2B, 1
cone Purple = Col 2C.



40sts = 147mm 40Rs = 41mm
OR 100sts = 368mm 100Rs
= 103mm measured over jac-
quard. 40Rs rib = 65mm.



2X1 ribs. 2 col jacquard with
cards given, *Tech 183*.



Page 3.



475g Size 92cm Bust.



2 ends each col yarn taken
together throughout. This is a
sideways knit garment. Back &
Front ribs applied after knit-
ting. For **Duomatic machines**,
use cards 9A & 9B from basic
set. *E6000* use self drawn reader
sheet as shown.



A. CoCir K/K Col 1 as Diag 1.
B. K 2Rs Col 1, 2Rs Col 2 in St
Patt A, as Diag 2 to RC number
shown.



C. Set for St Patt B & as Diag 3.
K as chart changing col as
shown in Col sequence. *K once
through entire patt. DUO After
K cards 9A & 9B once, remove
cards. Re-insert cards upside
down & reversed so as to mir-
ror patt. ALL K as chart.*

BACK & FRONT

CAST ON : 3 : ENT
ALL ST PATT : NO
ST PATT A : 180 : ENT
ALTER : NO
ENLARGE POS : NO
TEST : NO
ALL ST PATT : NO
ST PATT B : ● : ENT
Read in card
ALTER : ENT
DIRECTION : $\frac{w}{m}$: ENT
DIRECXT OK : ENT
ADD : NO
KNIT TECH : 184 : ENT
ENLARGE POS : NO
ALL ST PATT : NO
ST PATT C : 180 : ENT
ALTER : NO
ALL ST PATT : ENT
FORM : ENT
Enter orm Programme here
START CAST ON

E6000 PROGRAMME

SLEEVES

Use same card, but before reading, cover
LT & RT columns from R 39 upwards with
white paper taped into position. This will
allow you to read only the first 38 rows as
a complete pattern.

CAST ON : 4 : ENT
ALL ST PATT : NO
ST PATT A : ● : ENT
Read in card as notes above.
ALTER : NO
KNIT TECH : 184 : ENT
ENLARGE POS : NO
TEST : NO
ALL ST PATT : NO
ST PATT B : 180 : ENT
ALTER : NO
ENLARGE POS : NO
ALL ST PATT : ENT
FORM : ENT
Enter sleeve Form Programme here
START CAST ON : ENT

D. St Patt C as Diag 2. K as
chart. CoF.



A. CoCir 2X1 as Diag 4 Col 1.
K as chart.

B. Push all empty Ns to WP. Lks
CX/CX SS 5/5 K 2Rs. Lks N/N
K 1R. Set for St Patt A as Diag
3. K & inc as chart to manual
RC152.

C. Set for St Patt B as Diag 2.
K & inc as chart. CoF.



BACK & FRONT RIBS

Arrange 160 Ns for 2X1 as Diag
4. Lower front bed. With
RIGHT SIDE of work facing
you, hang lower edge of Back or
Front onto BB Ns. Raise bed.
Lks N/N SS 2/2 K 1R. Lks
CX/CX SS 3/3 K 2Rs. Lks N/N
SS 3.5/3.5 K 1R. RC000. K str to
RC80. CoF.



Block & steam all parts to size
& shape except ribs.
Join shoulder seams to re-
quired length.

Attach sleeves with crochet using
purple yarn. Join side & sleeve seams.
Fold ribs in half to inside & slip stitch
into position.

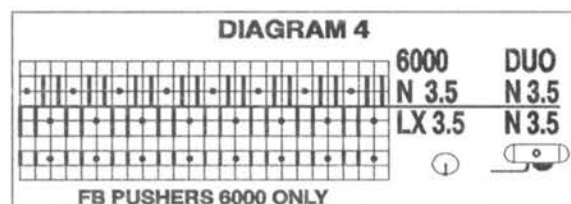
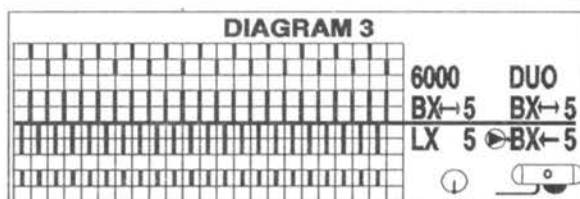
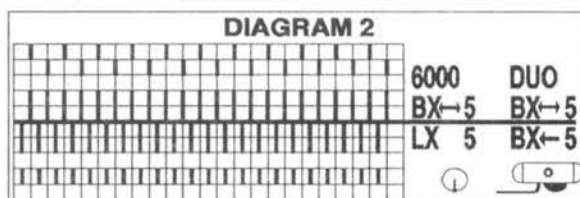
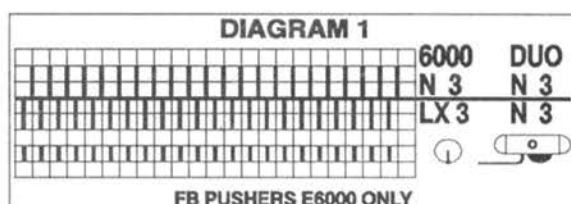
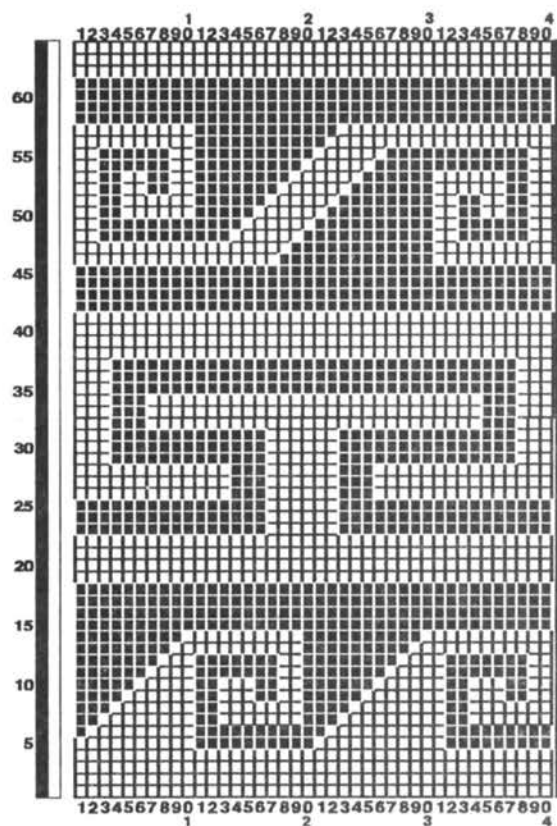
Using Purple yarn, work double
crochet around neck opening.
Give final light steaming.

COLOUR SEQUENCE CHART BACK & FRONT

MANUAL RC	COL 1	COL 2
000	WHITE	2A
80[100:120]	WHITE	2B
156[176:196]	WHITE	2C
348[368:388]	WHITE	2B
424[444:464]	WHITE	2A

COLOUR SEQUENCE CHART SLEEVES

MANUAL RC	COL 1	COL 2
000	WHITE	2A
80	WHITE	2B
156	WHITE	2A



	92 cm	97 cm	102 cm		ALL SIZES
1	41	41	41		41
2	147	147	147		147
3	A	A	A		A
4	B	B	B		B
5	161	161	161		161
6	59	59	59		59
7	(3)	(3)	(3)		(3)
8	38	55	55		38
9	161	130	132		161
10	59	161	161		59
11	(3)	3	3		(3)
12	52	3	3		52
13	52	2	4		52
14	(2)	3	3		(2)
15	0	3	3		0
16		38	38		38
17		161	161		161
18		59	3		59
19		(3)	3		(3)
20		52	52		52
21		3	3		3
22		3	3		3
23		55	55		55
24		226	228		226
25		161	161		161
26		3	3		3
27		3	3		3
28		2	4		2
29		3	3		3
30		3	3		3
31		0	0		0

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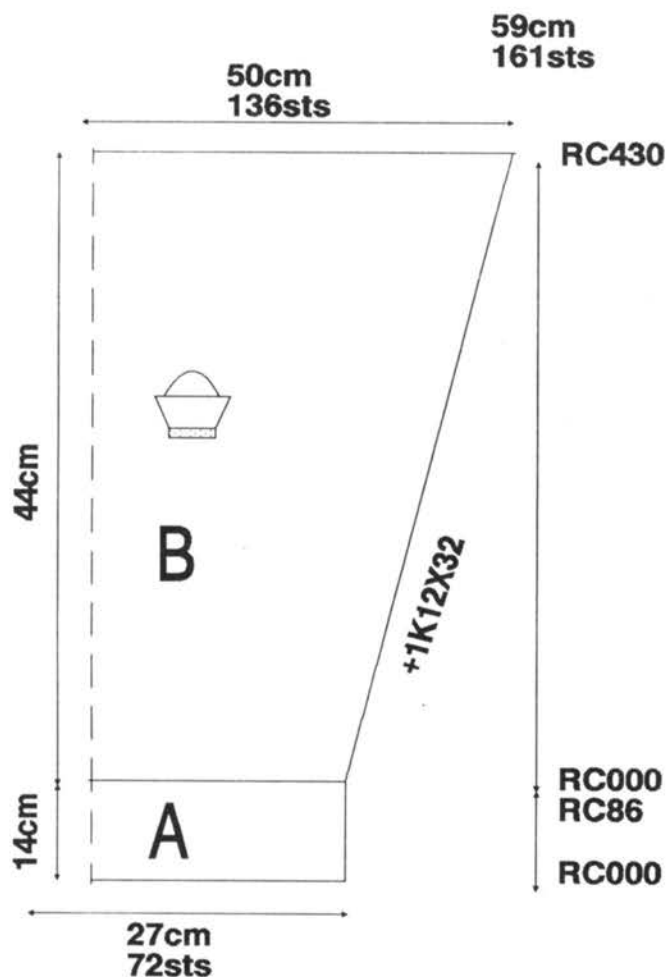
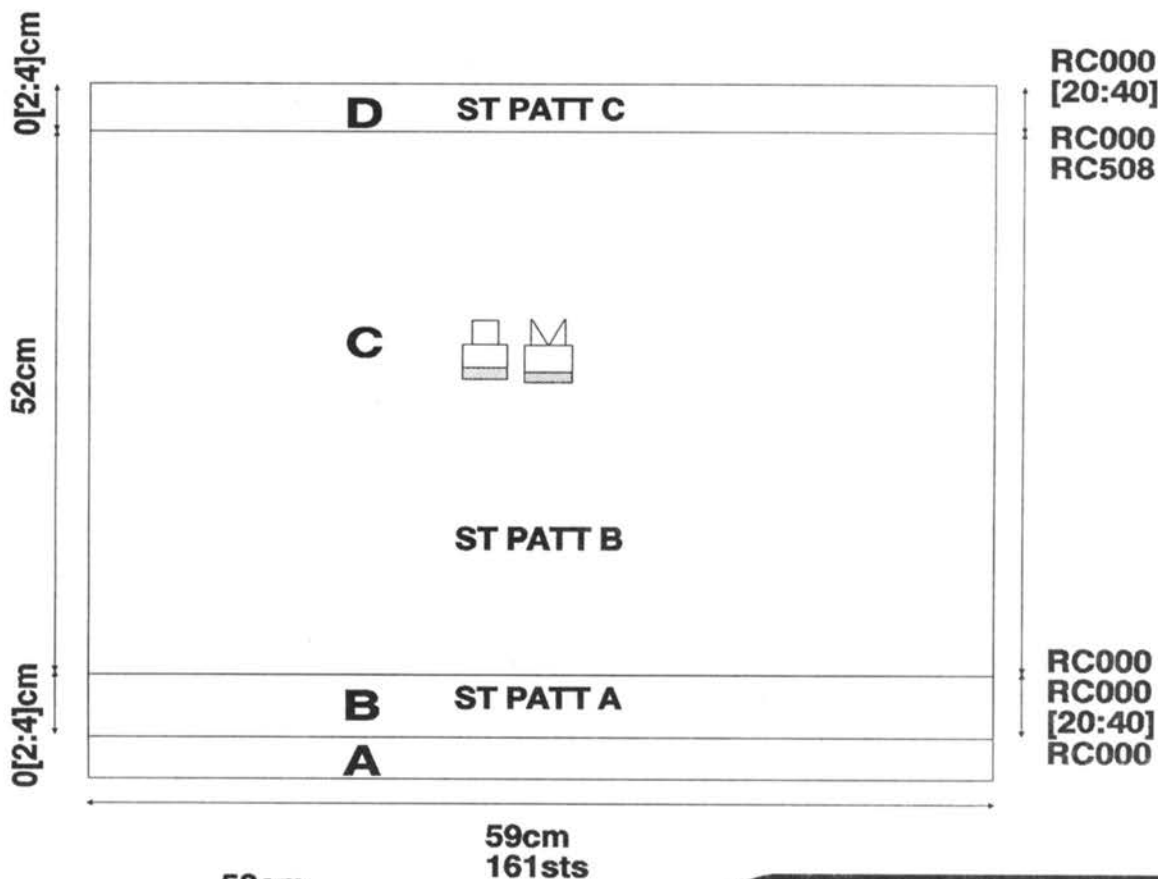
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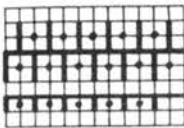
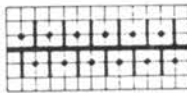
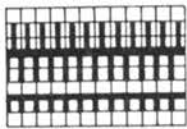
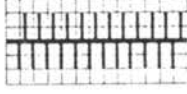
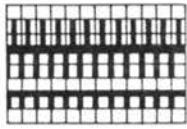
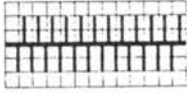


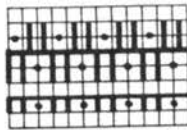
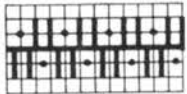


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DUOMATIC & E6000 EQUIVALENTS

by

Hélène Napaul & Martha Burkhard

Starting in this issue, Hélène & Martha give equivalent settings for techniques and stitch pattern settings for the E6000 and Duomatic machines. No special instructions are given for punching or drawing cards as these diagrams compare only lock, needle and pusher settings

TECH	E6000	DM-80
1	Tubular cast-on for 1:1 rib	
		 <ul style="list-style-type: none"> - Lock $\frac{N}{N}$ - Knit 1 row - Lock $\frac{CX}{CX}$ - Knit 2 rows - Lock $\frac{N}{N}$ - Knit 1 row continue knitting
2	Tubular cast-on for Knit/Knit	
		 <ul style="list-style-type: none"> - Lock $\frac{N}{N}$ - Knit 1 row - Lock $\frac{CX}{CX}$ - Knit 2 rows - Lock $\frac{N}{N}$ - Knit 1 row continue knitting
3	Cast-on with racking for Knit/Knit	
		 <ul style="list-style-type: none"> - Lock $\frac{N}{N}$ 1  - Knit 1 row 1  - Knit 1 row continue knitting
4	Tubular cast-on for 2:2 rib	
		 <ul style="list-style-type: none"> - Lock $\frac{N}{N}$ 1  - Knit 1 row - Lock $\frac{CX}{CX}$ - Knit 2 rows 1  - Knit 1 row continue knitting

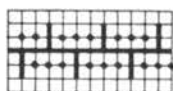
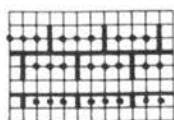
TECH

E6000

DM-80

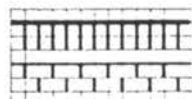
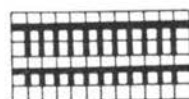
5

Tubular cast-on for 3:1 rib



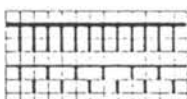
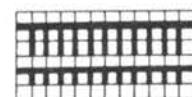
- Lock $\frac{N}{N}$ - Knit 1 row
- Lock $\frac{CX}{CX}$ - Knit 2 rows
- Lock $\frac{N}{N}$ - Knit 1 row
continue knitting

6

Cast-on in 4 rows for **stocking stitch**

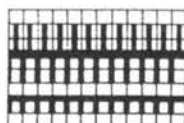
- Lock $\frac{GX}{BX}$ - Knit 4 rows
- Lock $\frac{GX}{N}$ continue knitting

7

Cast-on in 6 rows for **stocking stitch**

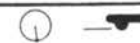
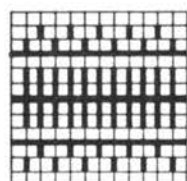
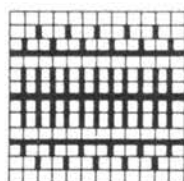
- Lock $\frac{GX}{BX}$ - Knit rows
- Lock $\frac{GX}{N}$ continue knitting

8

Closed edge cast-on for **tubular**

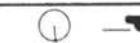
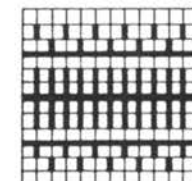
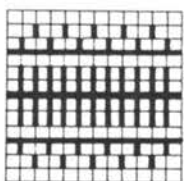
- Lock $\frac{N}{N}$ - Knit 1 row
- Lock $\frac{CX}{CX}$ - Knit 2 rows
- continue knitting tubular.

9

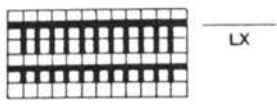
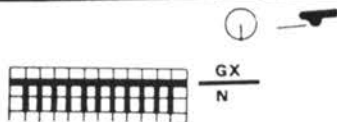
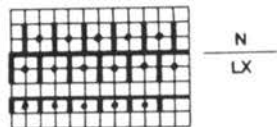
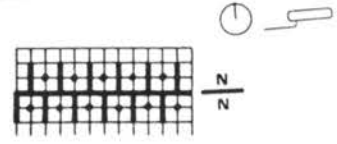
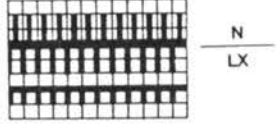
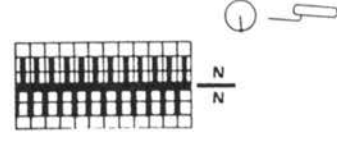
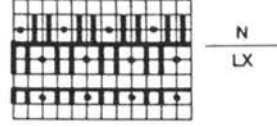
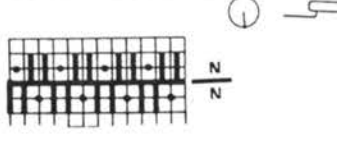
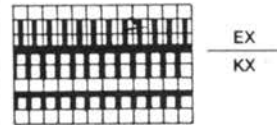
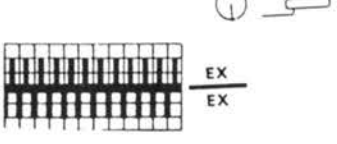
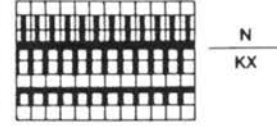
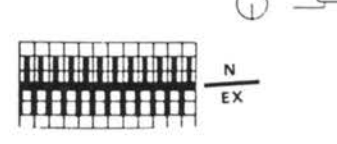
Open-edge cast-on in 8 rows for **tubular**

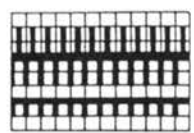
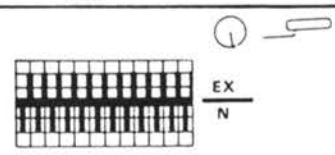
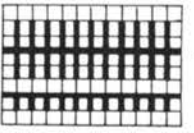
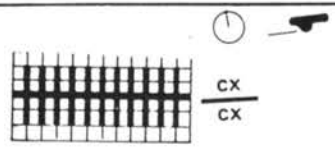
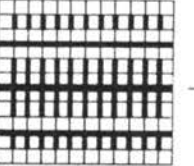
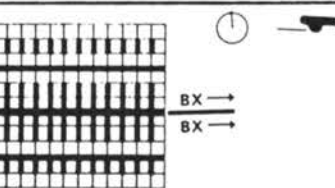
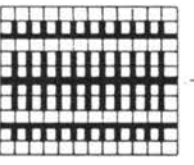
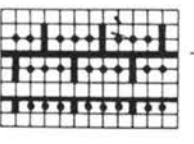
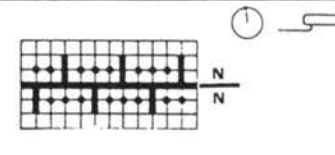
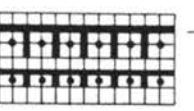
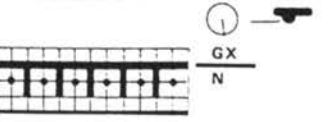
- Knit 8 rows
- continue knitting.

10

Open-edge cast-on in 12 rows for **tubular**

- Knit 12 rows
- continue knitting.

TECH	E6000	DM-80
100	Stocking stitch	
		
101	1:1 rib	
		
102	Knit/Knit	
		
103	2:2 rib	
		
104	Fisherman's rib	
		
105	Half Fisherman's rib	
		

TECH	E6000	DM-80
106	<p>Half Fisherman's rib</p>  <p>EX KX</p>	<p>The puri stitch appears on the front bed.</p>  <p>EX N</p>
107	<p>Tubular</p>  <p>CX LX</p>	 <p>CX CX</p>
108	<p>Half tubular, open at right</p>  <p>BX → LX</p>	 <p>BX → BX →</p>
109	<p>Half tubular, open at left</p>  <p>BX ← LX</p>	<p>For half tubular open at left, the two left arrow keys must be used, otherwise proceed as described above.</p>
110	<p>3:1 rib</p>  <p>N LX</p>	 <p>N N</p>
111	<p>Stocking stitch with alternate needles</p>  <p>LX</p>	 <p>GX N</p>

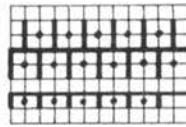
TECH

E6000

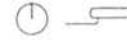
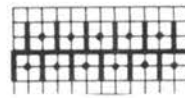
DM-80

112

1:1 Fisherman's rib



EX
KX

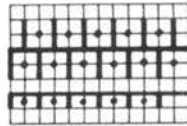


EX
EX

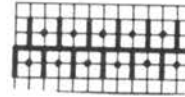
113

1:1 Half Fisherman's rib

The purl stitch appears on the back bed.



N
KX

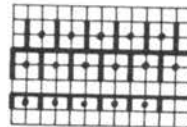


N
EX

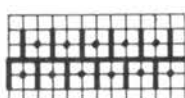
114

1:1 Half Fisherman's rib

The purl stitch appears on the front bed.



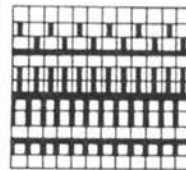
EX
KX



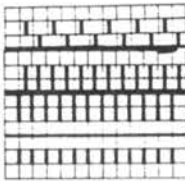
EX
N

115

Fairisle, plain



BX ↔
LX

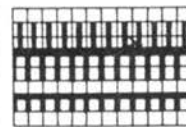


BX ↔
BX ←

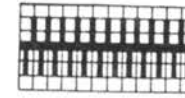
116

Long stitch

The long stitch appears on the back bed.



CX
LX

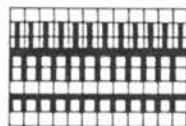


CX
N

117

Long stitch

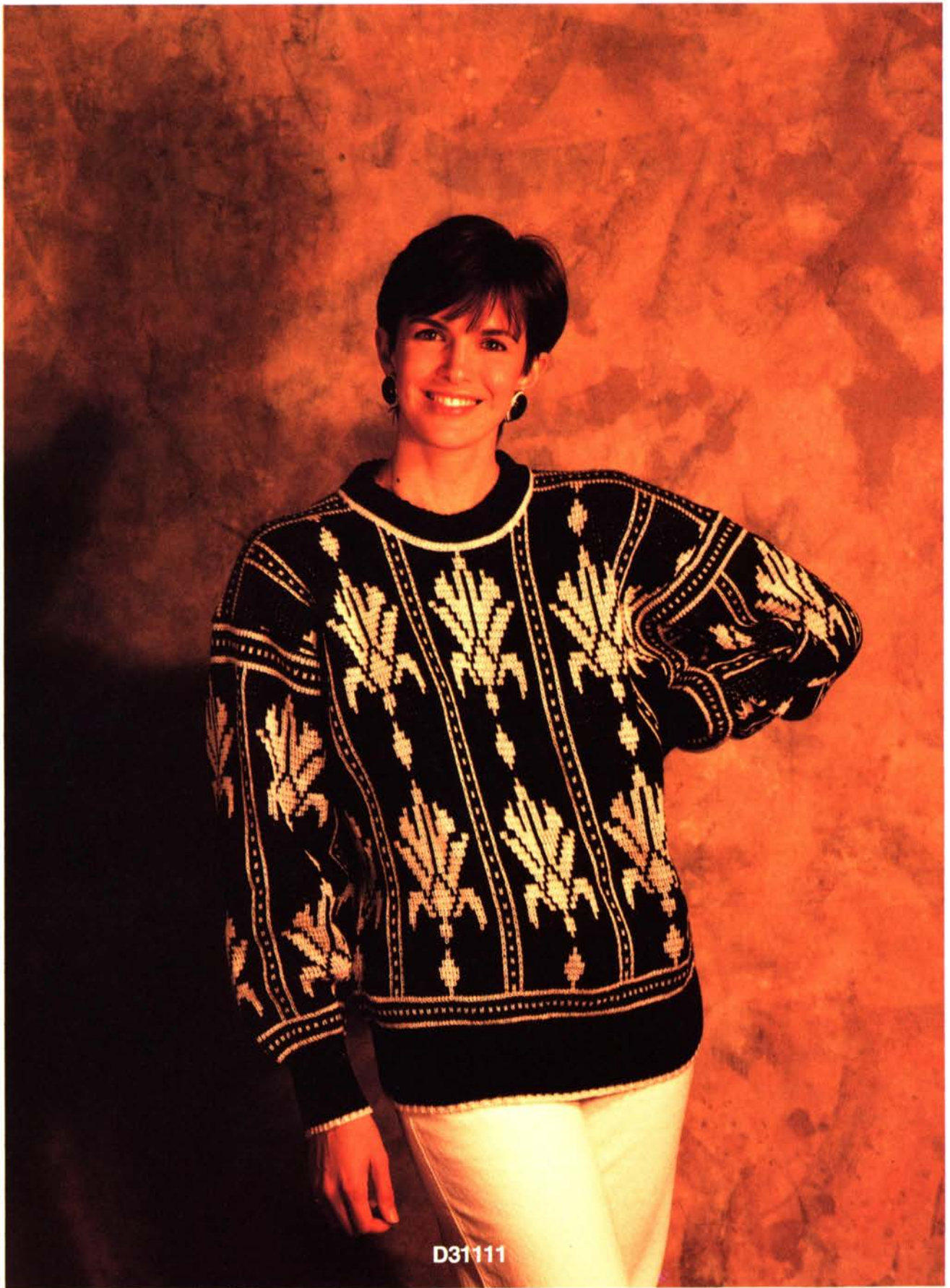
The long stitch appears on the front bed.



N
LX

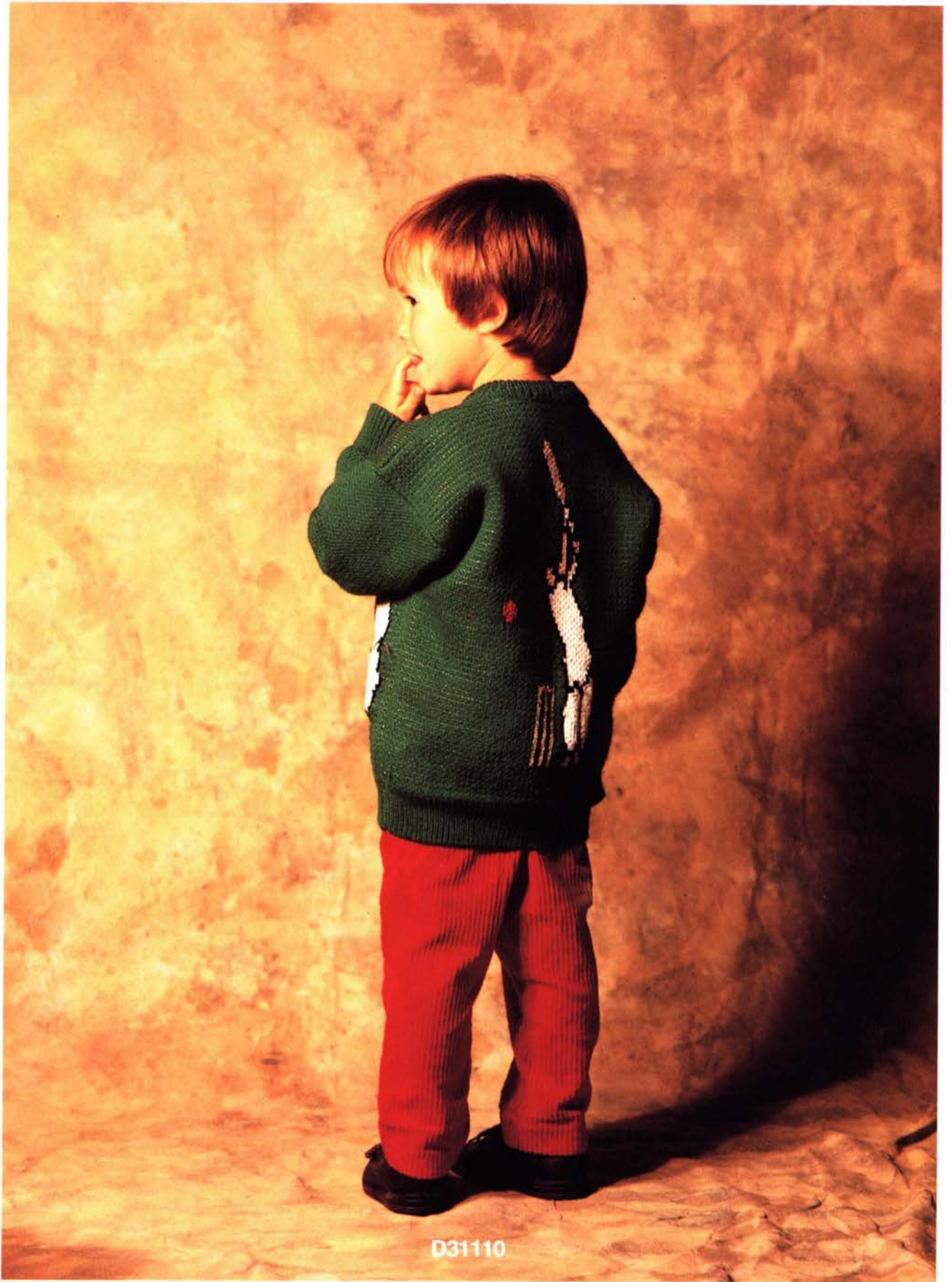


N
CX



D31111

35a



D31110

356

D31110 Child's Cricket Sweater



6000 ONLY



Jean Turpin, England.



60[65:70]cm Chest.



70[75:82]cm Chest.



FORSELL Scirocco 80% acrylic, 20% wool 790 metres approx = 100g. 1 x 400g cone Emerald = Col 1.

BRAMWELL 2/30's acrylic, 100g Black = Col 2. 100g Camel = Col 3. 50g Red = Col 3a. 50g Pink = Col 3b. 100g White = Col 4.



40sts = 120mm 40Rs = 35mm OR 100sts = 300mm 100Rs = 88mm measured over jacquard. 40Rs rib = 80mm.



1 X 1 Ribs Cast on 1. Jacquard with card given Tech 207.



Page 3.



270g size 70cm.



Cut & Sew neckline. Colours 2,3A,3B,3C,4 all 2 ends taken together. Col 1 one end.



A. CoN 1X1 Col 1 as Diag 1. K as chart.



B. Set as Diag 2. K in patt as chart & col sequence chart. CoF.



A. As Back A.



B. Set as Diag 2. K & inc in patt as chart & colour sequence chart. CoF.



CoN 1X1 Col 1 as Diag 1, 126 sts. Lks N/N SS 3/3. K 30Rs. Lks CX/CX SS 4/4. Fill all empty Ns

PROGRAMME FOR BACK

CAST ON : 1 : ENT
ALL ST PATT : NO
ST PATT A : ● : ENT
Read in card 1
ALTER : ENT
DIRECT : NO
ADD : ENT
ADD WHAT : ● : ENT
Read in card 2
ALTER : ENT
DIRECT : NO
3 COL : ENT
ADD : ENT
ADD WHAT : ● : ENT
Read in card 3
ALTER : NO
4 COL : ENT
KNIT TECH : 207 : ENT
ENLARGE POS : NO
TEST : NO
ALL ST PATT : ENT
FORM : ENT
Enter Form here
START CAST ON : ENT

PROGRAMME FOR FRONT

CAST ON : 1 : ENT
ALL ST PATT : NO
ST PATT A : ● : ENT
Read in card 1
ALTER : ENT
DIRECT : NO
ADD : ENT
ADD WHAT : ● : ENT

E6000 PROGRAMME

Read in card 2
ALTER : ENT
DIRECT : NO
3 COL : ENT
ADD : ENT
ADD WHAT : ● : ENT
Read in card 3
ALTER : NO
4 COL : ENT
KNIT TECH : 207 : ENT
ENLARGE POS : ENT
CM? : NO
POSITION : ENT
PATT AFT R0 : ENT
TO R/L -0 : 20 : - : ENT
ON PATT AT R0 : ENT
↑ REP R 0 : NO
↔ REP ST 0 : NC
ALL ST PATT : ENT
FORM : ENT
Enter Form here
START CAST ON : ENT

PROGRAMME FOR SLEEVES

CAST ON : 1 : ENT
ALL ST PATT : NO
ST PATT A : 207 : ENT
ALTER : NO
ENLARGE POS : NO
TEST : NO
ALL ST PATT : ENT
FORM : ENT
Enter Form here
START CAST ON : ENT

with purl loop from opp N. K 8Rs. Lks N/N SS 5/5. WY K several Rs & rel.



Block and steam all parts to size and shape. Join RT shoulder seam.

Cut back & front neck shape as chart. Attach collar by backstitching through open loops to outside of garment, unravelling WY as you go.

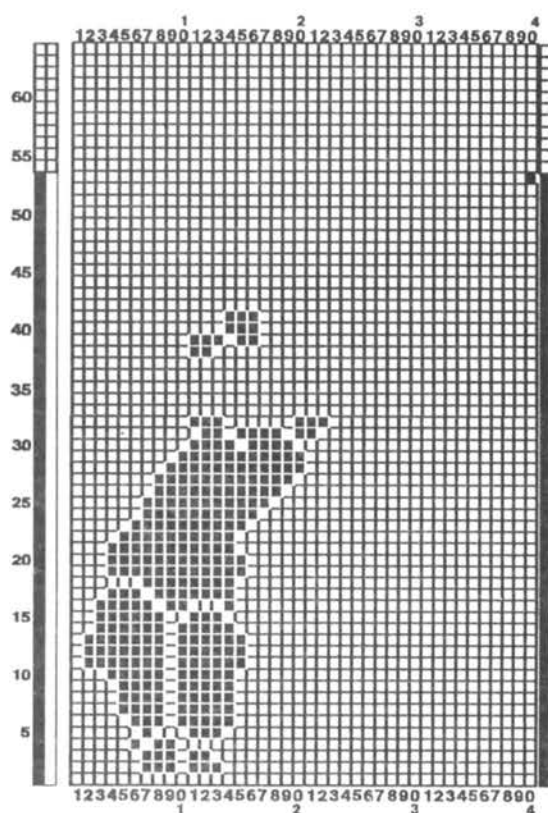
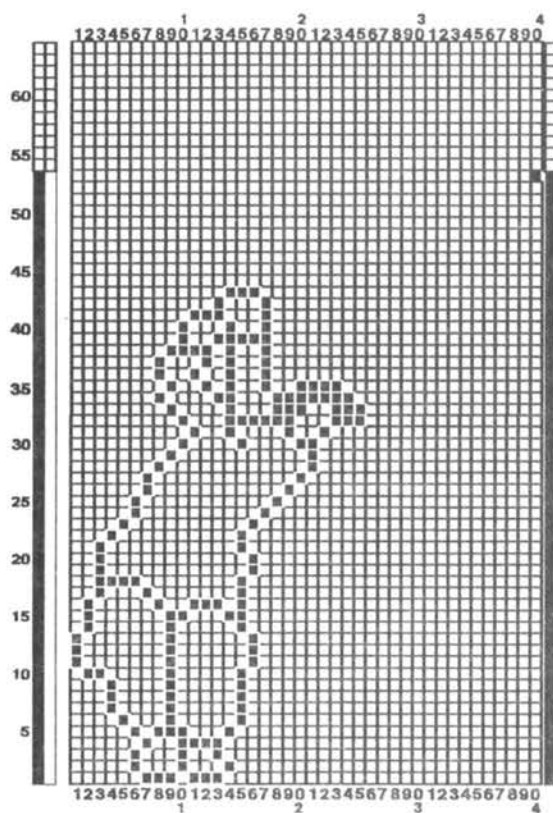
Join LT shoulder seam & collar seam. Slip stitch second envelope edge to inside garment, enclosing cut neckline edges. Sew in sleeves. Join side & sleeve seams. Give final light steaming.

COLOUR SEQUENCE CHART BACK & FRONT

RC	COL1	COL2	COL3	COL4
000	Green	Black	White	Camel
200	Green	Black	White	Red
232	Green	Black	White	Pink
344	Green	Black	White	Camel

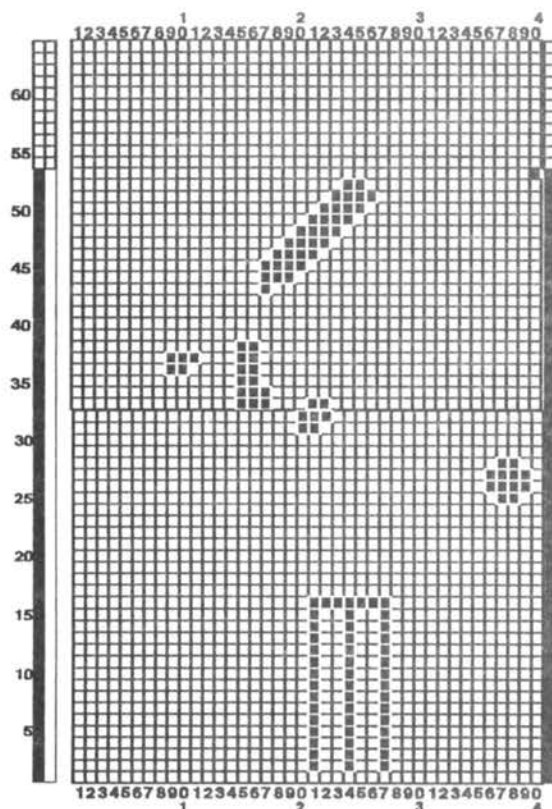
COLOUR SEQUENCE CHART SLEEVES

RC	COL1	COL2	COL3	COL4
000	Green	Black	White	Pink
TO				
END				





READER CARDS

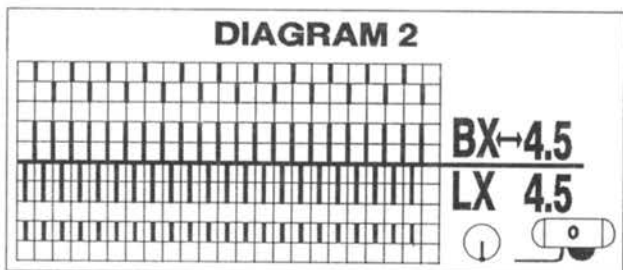
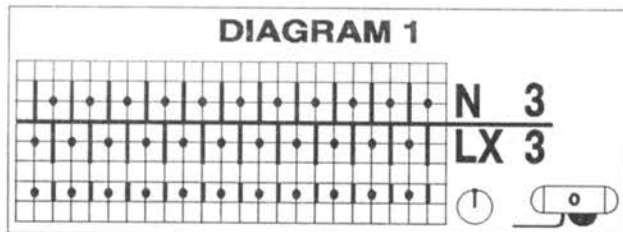
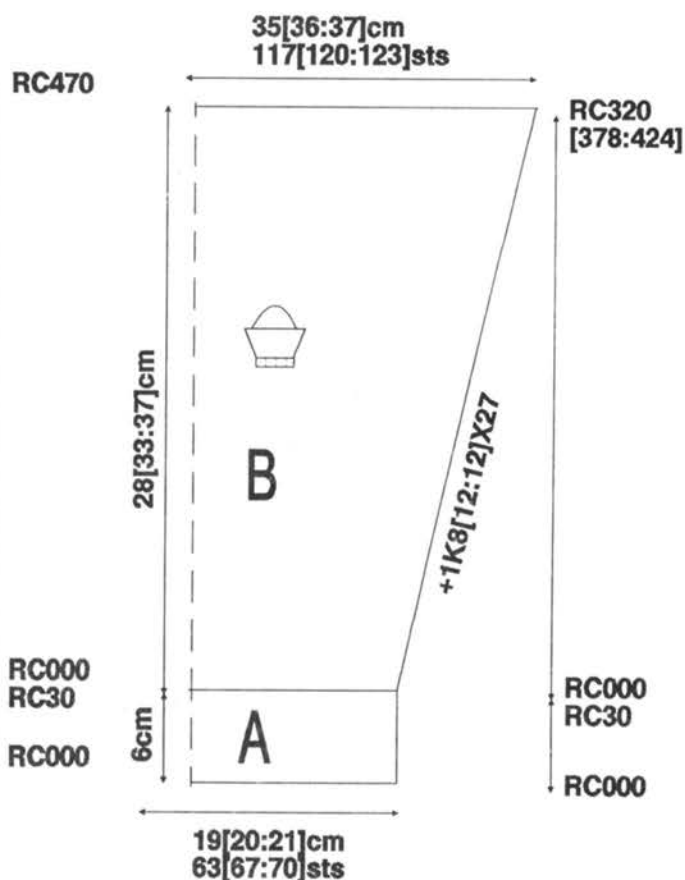
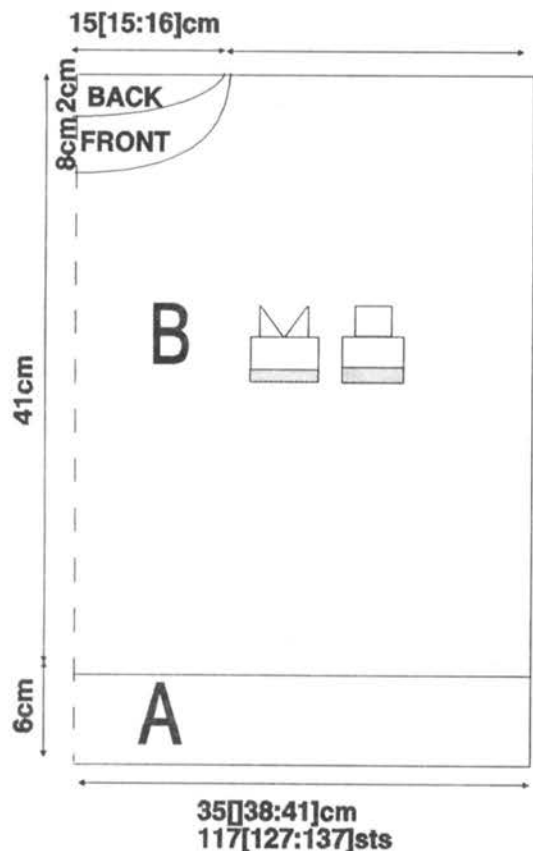
CARD 1 above LEFT, CARD 2 above RIGHT.
CARD 3 below.



NOTE FOR DUOMATIC OWNERS

Although this design is written for E6000 machines, it is possible to knit the garment on the Duomatic machines. The easiest method to adopt, is to copy the design of the cricketer, including bat, ball stumps and outline all onto one card as a two colour design. Knit in Green as Col 1 and White as Col 2. Use Swiss Darning, (Duplicate Stitch), to make black outline, beige bat, red ball and so on, rather than punch the design for four colours.

	60cm	65cm	70cm		60cm	65cm	70cm
							
1	35	35	35	1	35	35	35
2	120	120	120	2	120	120	120
3	A	A	A	3	A	A	A
4	B	B	B	4	B	B	B
5	117	127	137	5	63	67	70
6	70	75	82	6	19	20	21
7	(1)	(1)	(1)	7	(1)	(1)	(1)
8	195	195	195	8	195	195	195
9	C	C	C	9	C	C	C
10	135	135	135	10	135	135	135
11	155	155	155	11	155	155	155
12	38	38	38	12	38	38	38
13	117	127	137	13	117	120	123
14	70	75	82	14	35	36	37
15	(2)	(2)	(2)	15	(3)	(3)	(3)
16	41	41	41	16	28	33	37
17	3	3	3	17	3	3	3
18	3	3	3	18	3	3	3
19	0	0	0	19	0	0	0



Celandine

We offer unusual luxurious yarns at affordable prices by our fast and reliable Mail Order Service

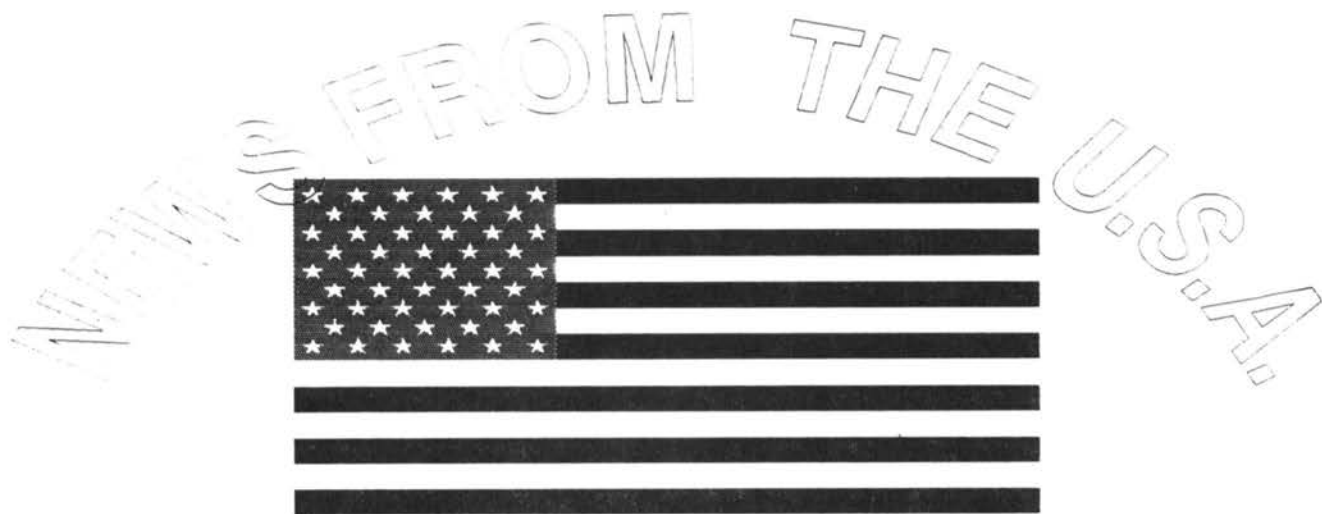
© 50% Fur, 50% Lambswool

SULTAN (Camel), KAREN (Mink), AMANDA (Chinchilla), NINA (Fox), SUZY (Raccoon), LISA (Suri Alpaca)

ALSO

FIONA (100% Superwash Wool).
 DAWN (Super Kid Mohair).
 SARA MACHINE (Acrylic\Wool\Alpaca).
 SPANGLES (Acrylic with a touch of sparkle).
 SIENNA (Silk Blend).
 CANDY & NIBBIOLO (Cotton Blend).
 GLITTERS a fine glittery thread to enhance any yarn - in Gold, Silver & Colours.

PATTERNS
 For details send £1.50 (refundable) to:-
 Celandine Ltd (GLW) Dept, 44 Kirkgate,
 Otley, West Yorkshire LS21 3HJ.
 Tel: (0943) 466640.



WITH MONA EARLY

Dear Passap System Knitters.

What a great time we have had so far this year!! The 1992 Passap University was May 22, 23 & 24 in Dallas/Fort Worth, Texas and we have received so many wonderful comments about it, that we are already planning next years University while the "high" is still fresh.. We were very pleased to have George le Warre with us again. Thankyou George for a job well done. George will also be joining us for next years University, May 28, 29 & 30 in Chicago, Illinois, at the Hvatt Regency Chicago, (in the Illinois Centre on Wacker Drive).

U.S.A. SEMINARS

In addition to Passap University, Passap USA knitting consultants continue to support Passap System knitters at various multi-brand seminars across the country this year, including seminars in Florida, Massachusetts, New York and Indiana.

PASSAP SYSTEM UNIVERSITY

Those of you who are already planning on attending Passap University's British counterpart, the Passap System University, November 27, 28 & 29 1992, will see Sally Hall and me on the list of instructors.

Sally will teach knitting Kangaroo Pockets, reversible jacket and correcting errors on the E6000.

I will teach a hands-on three hour basic Creation 6 course. We are very excited to be going to England to meet more Passap System knitters and share our ideas with y'all. *(I learned that in Texas).*

ATLANTA KNITTING EXPO

The Passap System will be well represented at "The Second British-American Machine Knitting Expo" in Atlanta, Georgia, USA, August 28 - 30 1992.

The following instructors will be teaching classes for the Passap System:-

Jean Acree,
Paula Behrens,
Janell Casey,
Pat Christy,
Denis Cook,
Mona Early,
Sandy Ewing,
Sally Hall,
Laura Haynie,
Sandy Jackson,
Sylvia Jones,
Irene Krieger,
George le Warré,
and Eileen Metcalf.

CHRIS TRIOLA DESIGNER KITS

Passap USA presented its new Chris Triola Designer Pattern Kits during Passap University.

These Pattern Kits are what we have all been waiting for. This Designer Series begins with four southwest patterns: Feather, Horse, Teepee and Sunrise. They are designed to look sensational on all body sizes and shapes.

The patterns are printed on heavy card stock, with a full colour photograph of the garment on the front. Included in the kit is the sheet pattern, one cone of white 100% cotton yarn, one cone of black 100% cotton yarn, a computer design disk for downloading the design direct to Creation 6, and shoulder pads.

The only thing you need to complete the garment, is a Passap System knitting machine and a few hours of your time.

I have knit the Feather pattern and really love it. You will enjoy wearing yours just to see those envious looks from passers by.

See you this Fall,

Mona.

Nice 'n' Easy

"WEAVING" on PASSAP SYSTEM Machines

Pat Coulston

Weaving was placed in inverted commas for the above title, as this is not true weaving, but a 'laying in' of a second yarn. This technique has been around for many years, and one of the samples I have chosen comes from a very old mauve Passap Pattern Book.

You need a 'base yarn' which is threaded up as Col 1. The weaving yarn, as col. 2, is usually thicker. If you had a 4ply for col 1, then a double-knit or thicker could be used for col 2. Mohair, Chenille, fancy boucles all make for an interesting fabric, rather than a smooth yarn. Of course, the yarn in feeder 1 can be a fancy yarn also, although keep it no more than about a 4ply. Finer yarns can be used for this type of weaving, but the results can look a bit stringy.

For this technique, even weighting is a great help, and prevents the stitches from riding up.

To use the Cast on Comb and weights.

Orange Strippers, st.size 1.2/1.2, knit 1 zig zag row across chosen needle arrangement. An every needle rib is

a good method of starting, as you can go from that into any needle selection required.

Put on cast on comb. Remove strippers.

CX/CX. St. size 3.2/3.2 K2 rows.

N/N K1 row, and return strippers. Put on weights, if necessary.

Two types of weaving are given -
a: used through feeder 2 and
b: laid across the needles by hand.

SAMPLE 1

Using type a.

Cast on in every needle rib, (also called K/K) and knit a few rows.

Set to GX/GX K1 row. Nothing of course happened, as the yarn has just been taken across to the left by the locks. With a single transfer tool, take off the end left hand side stitch, and put it back onto the same needle, so that col 2 is anchored into this end needle. At no time does col 2, every go into the needle. To describe it another way, remove the left hand side end stitch, lay the col 2 in front of this stitch, then return the stitch, back onto the same needle.

K1 row. Note, the yarn at the left is hooked up. Now do the same with

the right hand side stitch. Note the col 2 is now firmly hooked up.

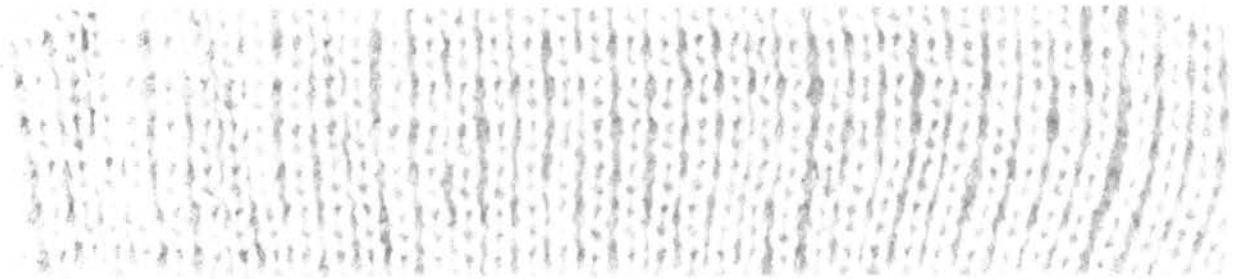
N/N K2 rows. Again, GX/GX K1 row, hook up left side, K1 row, hook up right side.

This will not give you a pattern, as you cannot see the weaving yarn which is trapped inside the knitting, but it is a good exercise to work out how this is done.

Using type b.

The second method, b, is slightly different. Thread up a very long length of weaving yarn (doubled) into the longest needle you can find. Again, do some knitting in an every needle rib, on N/N. At the right side, bring the threaded needle up between the beds. Take the yarn across the knitting, and down between the beds at the left. Pull this right through (not too far, or you will have to start again!). Pull down firmly both ends beneath the beds. Still on N/N, K2 rows. The advantage of this method is that you do not have to change the lock settings, the disadvantage, you have to work with lengths of yarn, and have ends to sew in afterwards.

Now to look at some patterns.



SAMPLE 1

SAMPLE 2

Start with a rib, and transfer into pattern. Keep all needles on the back bed in work, it is the front bed that has the pattern set up. On the front bed, arrange needles as Diagram 1.

Using method a:-

*Col 1. N/N K2 rows.

GX/GX K1 row. Catch left end stitch.

K1 row, catch right end stitch.**

Repeat from * to **.

Start with a rib and transfer into pattern.

Arrange the front bed needles as Diagram 2.

*Col 1. N/N K2 rows

Col 2. GX/GX K1 row. Catch left end needle up

K1 row, catch right end needle up.**

Repeat from * to **

SAMPLE 4

Before you start this one, take the racking handle right across to the left, so it is on the left no 3.

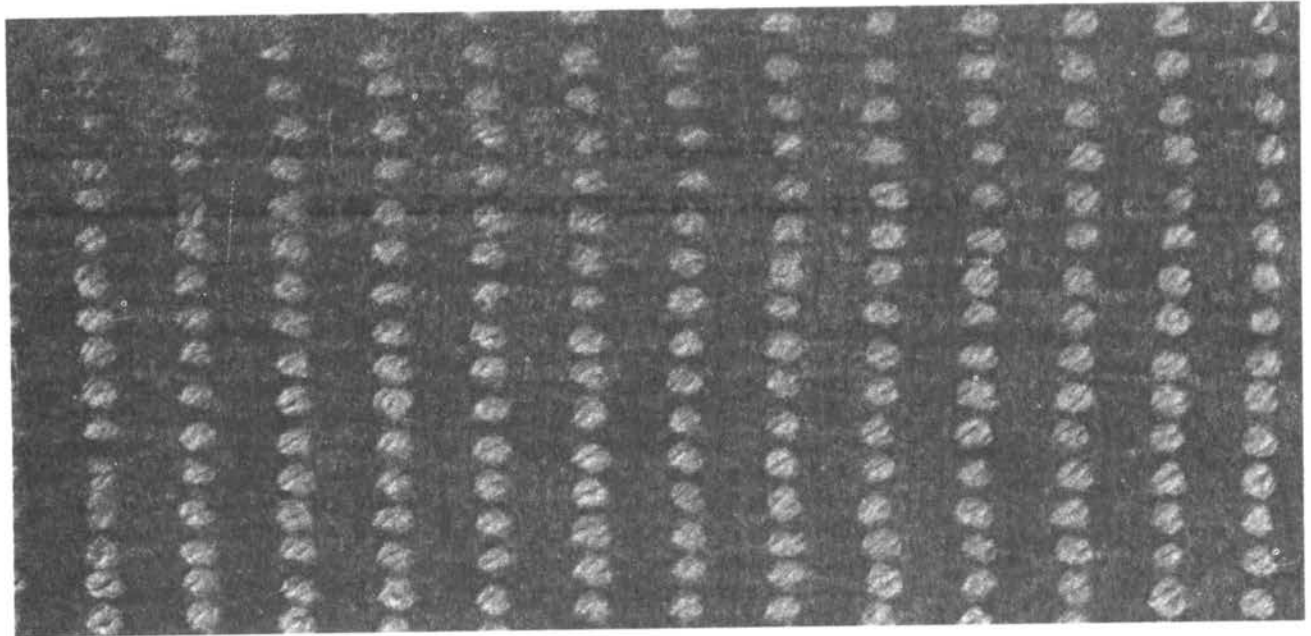
Cast on as required.

Transfer the front bed stitches as Diagram 3.

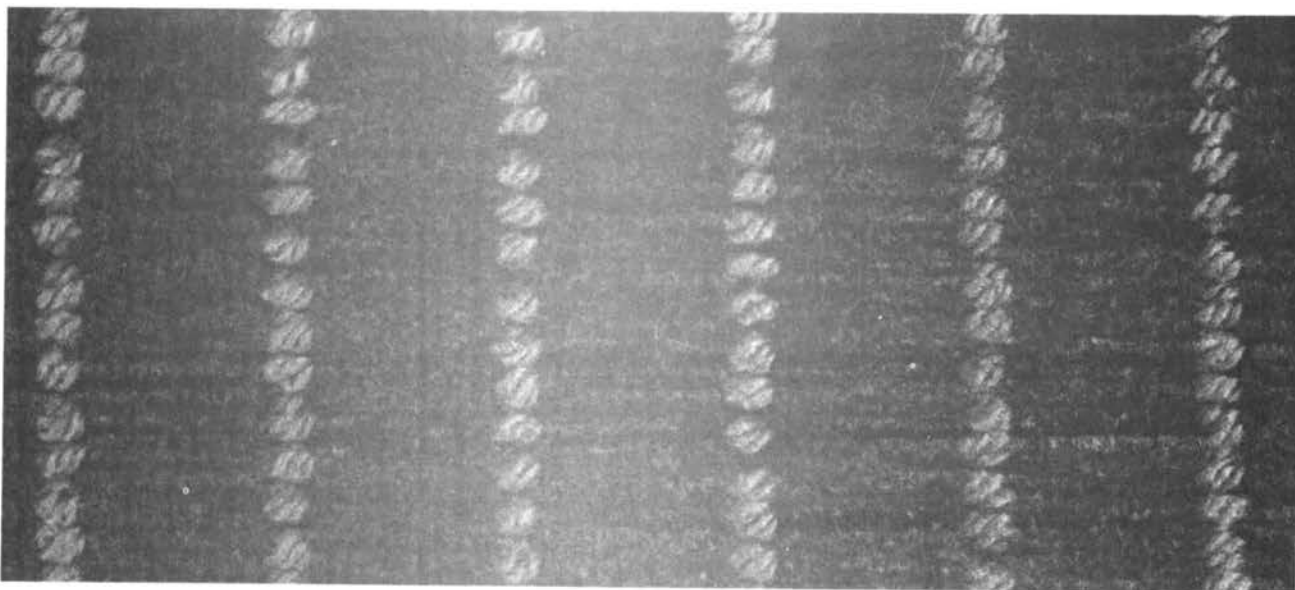
*N/N K2 rows

GX/GX K1 row. Catch left end stitch. K1 row. Catch right end stitch.**

RACK once all the way round, so it is now on no. 2.



SAMPLE 2



SAMPLE 3

Repeat from * to **, then rack once. Do this 6 times, when you will now be on right no 3, then come all the way back again. Note when you rack going to the right, the front bed moves to the left. When you come back again, racking to the left, the front bed moves to the right.

You have to be careful about the needle arrangement when you start. This is why the above needle arrangement has 8 stitches in work at the left.

If you do not have this, the pattern on the edge will be interrupted.

This pattern can have all sorts of variations, with different number of needles in work and out of work. I did find that more than 4 needles out of work gave too many floats across the work.

SAMPLE 5

Now, how about trying some weaving with a pattern.

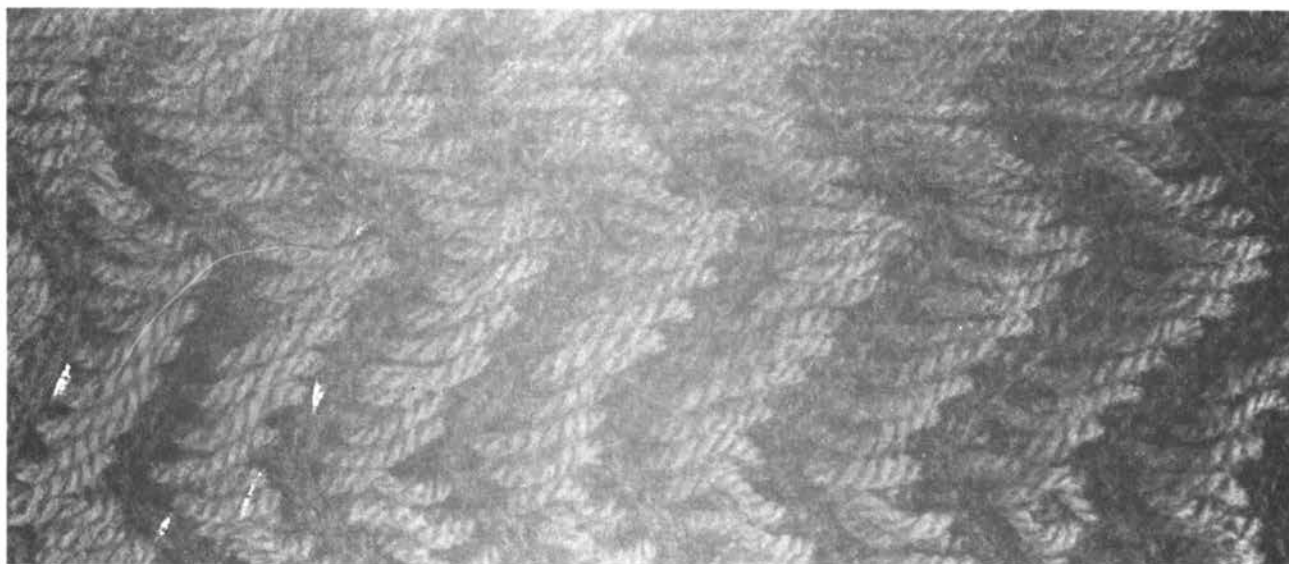
For this one, cast on in 1x1 rib, do a few rows, and transfer as Diagram 4. Use method b for the weaving.

*N/AX K4 rows

AX/N K4 rows. Lay over weaving yarn.**

Repeat above 4 row pattern.

This can be varied with 2 or 6 rows between the weaving.



SAMPLE 4

31103 Ladies Green Cardigan



5, 80, 6000



Barbara Jones, England.



92[102]cm Bust.



110[116]cm Bust. Length 71cm.



BRAMWELL 2/30's 100% acrylic. 1 X 500g Mint Green = Col 1, 1 X 500g Silver PLUS 1 X 500g Turquoise = Col 2, 1 X 500g Emerald = Col 3.



40 sts = 143mm 40Rs = 44mm
OR 100sts = 358mm 100Rs = 110mm, measured over jacquard. 40Rs Rib = 68mm.



3 Col trellis & flower patt are 1144 with 1223 from console. See Programme. Trellis patt 1144. Techs 195 & 180 respectively. Rib 1X1 Cast on 1. **DUO VERSION** with cards given & as Diags.



Page 3.



510g Size 92cm Bust.



Cols 1 & 3 use 2 ends of yarn together. Col 2 use 1 end silver plus 1 end turquoise together. Ribs & bands use 2 ends Col 1 plus 1 end silver.



A. CoCir 1X1 as Diag 1 using 3 ends yarn as Notes.. K as chart.
B. Fill empty Ns with purl loop from opp N. Set for St Patt A & as Diag 2. K 2Rs Col 1, 2Rs Col 2, 2Rs Col 2 as chart.
C. Engage St Patt B. K 2Rs Col 1 2Rs Col 2 as chart. CoF.



A. As Back A.
B. As Back B.
C. As Back C.

E6000 PROGRAMME

PROG : ENT
ERASE : ENT
CAST ON : 1 : ENT
ALL ST PATT : NO
ST PATT A : 1144 : ENT
ALTER : ENT
DIRECT : NO
ADD : ENT
ADD WHAT? : 1223 : ENT
ALTER : NO
3 COL : ENT
ADD : NO
KNIT TECH : 195 : ENT
ENLARGE : ENT
CM? : NO
↑ R240 : ENT
↔ ST 40 : ENT
POSITION : ENT
PATT AFT R0 : ENT
TO R/L : NO
IN PATT AFT R0 : 60 : ENT

↑ REP R0 : ENT
↔ REP ST 0 : ENT
ALL ST PATT : NO
ST PATT B : 1144 : ENT
ALTER : NO
KNIT TECH : 180 : ENT
ENLARGE : ENT
CM? : NO
↑ R160 : ENT
↔ ST 40 : ENT
POSITION : ENT
PATT AFT R0 : ENT
TO R/L : NO
IN PATT AFT R0 : 40 : ENT
↓ REP R : ENT
↑ REP ST : ENT
ALL ST PATT : ENT
FORM : ENT
Enter Form Programme here
START CAST ON : ENT

D. Dec & K as chart. CoF.

Rep for second front reversing shapings.



A. As Back A.
B. As Back B, Inc & K as chart.
C. As Back C. Inc & K as chart.
D. Cont in Patt Dec as chart. CoF. Rep for second sleeve.



CoCir 1X1 12sts using 2 ends Col 1 plus 1 end silver. K 212Rs. WY K several Rs & rel.



As above, but make buttonholes as foll:- on RC6, then RC40, RC74, RC108, RC142, RC176, RC210, RC244.



Join shoulder seams. Attach front bands to fronts with mattress stitch. Unravel WY from top of LT band. Hang sts onto RT side of BB Ns, (wrong side of work facing you).



Hang neckline onto BB Ns & top of secint band. K 1R from LT to RT across Ns by hand. Arrange sts for 1X1. Lks N/N SS 3.5/3.5 K 8Rs. Make buttonhole on buttonhole band side of collar at this point.

SS 3/3 K 16Rs.

Make buttonhole in same position as before.

SS 3.5/3.5 K 8Rs.

Trans all sts to BB.

Black strippers SS 6 Lks N/GX. K 2Rs. WY K several Rs & rel.



Block & steam all parts to size & shape except ribs & bands. Fold neckband in half to inside & slip stitch into position.

Buttonhole stitch around all buttonholes to strengthen & to join buttonholes in collar together.

Sew in sleeves.

Join sleeve and side seams.

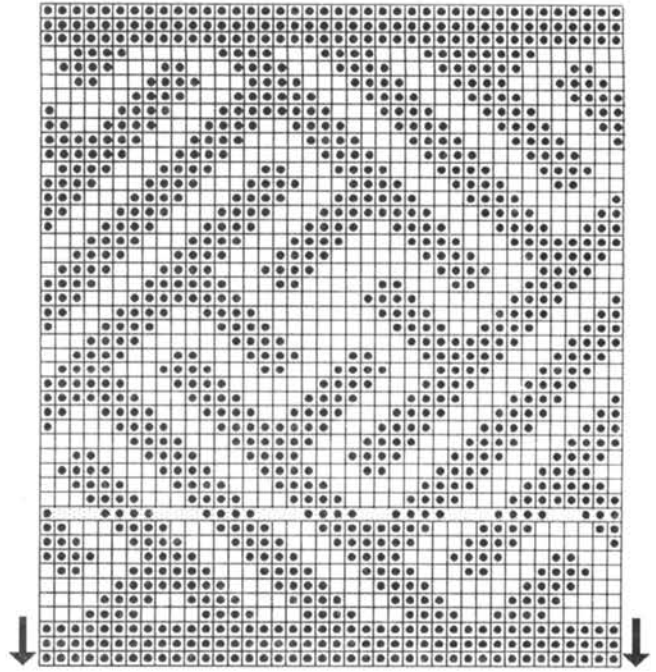
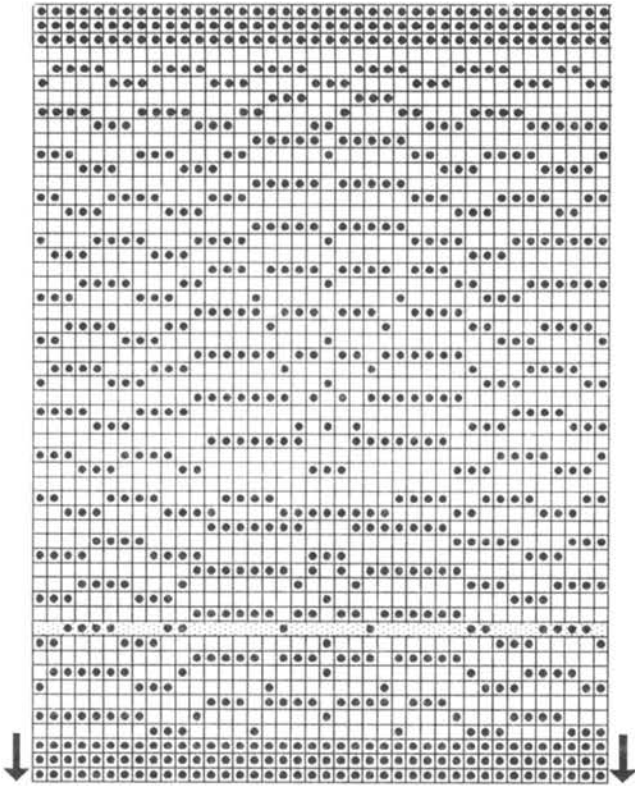
Sew on buttons to match buttonholes.

Give final light steaming.

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DECO CARDS

ST PATT A

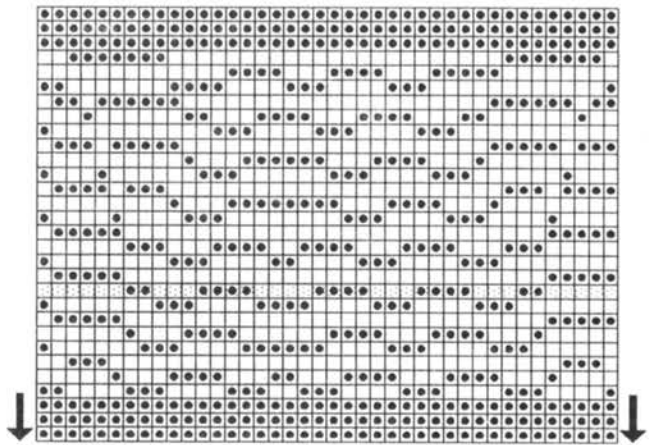
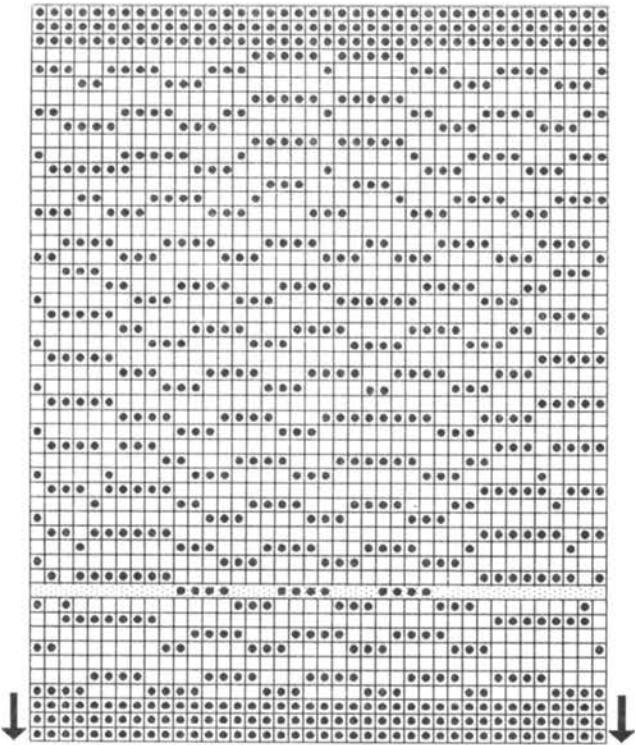
CARD 1 BELOW LEFT, CARD 2 ABOVE LEFT, CARD 3 BELOW RIGHT.

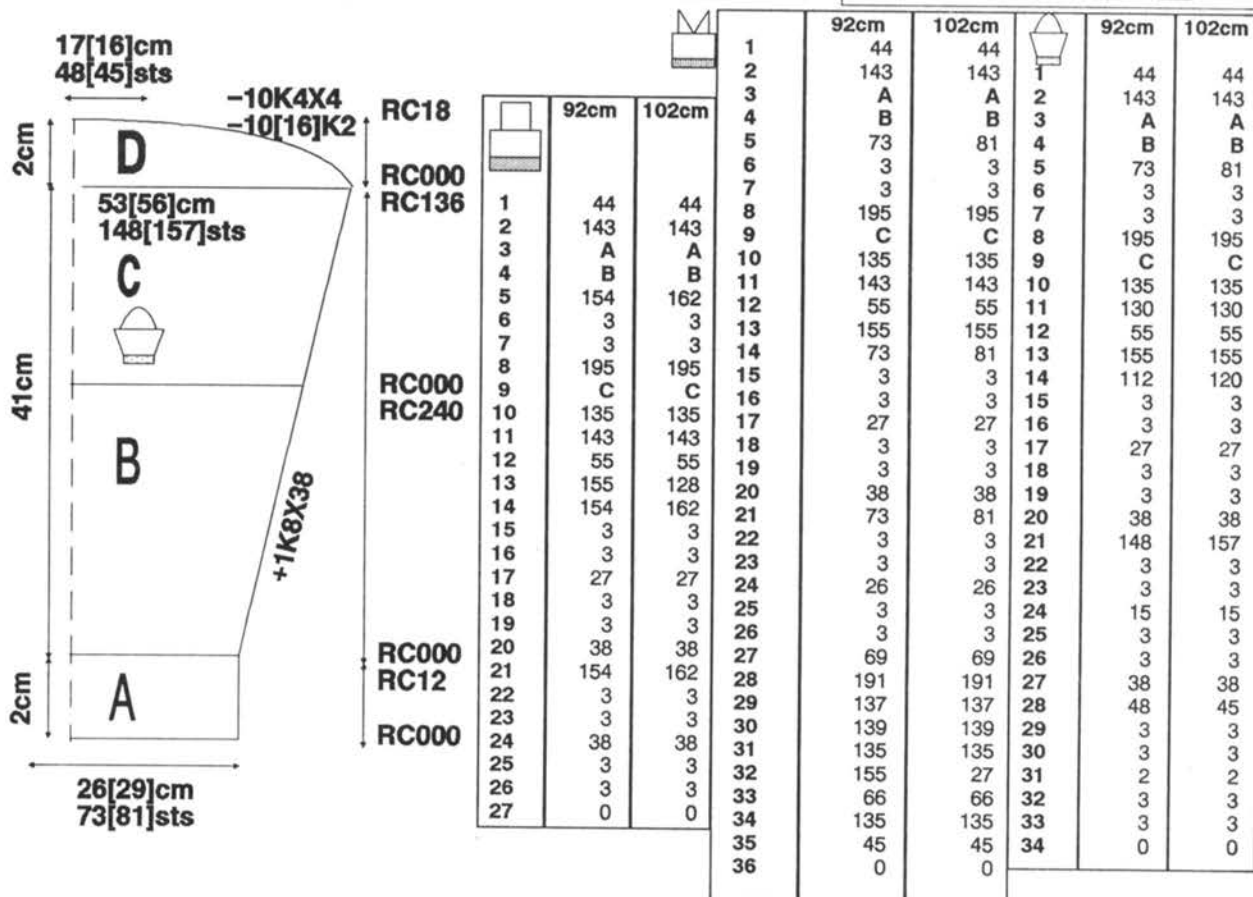
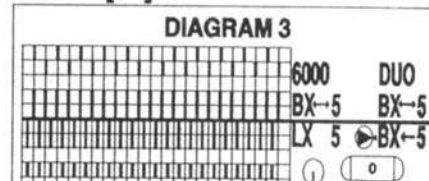
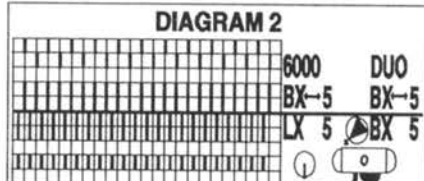
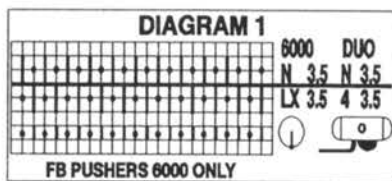
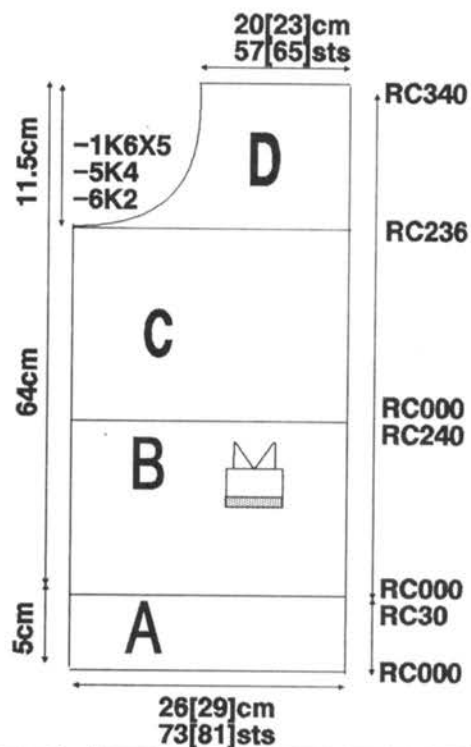
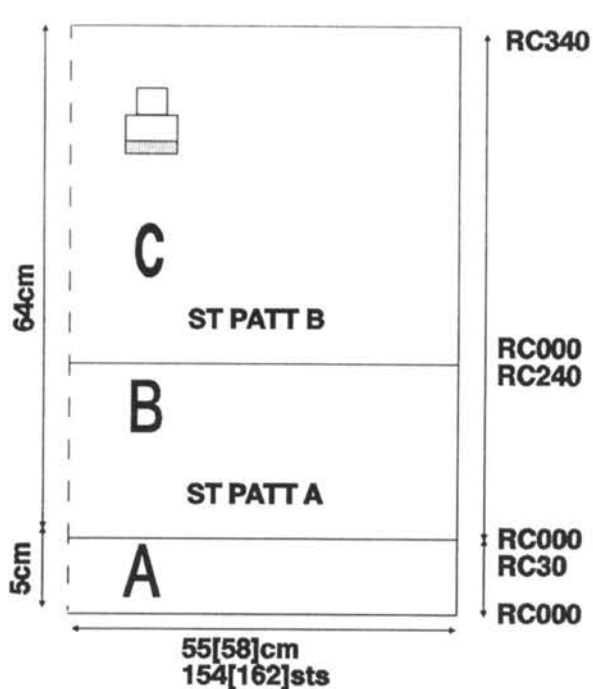
Join cards 1, 2 & 3, insert into reader & turn to start row. Now, turn pattern on to line 31 before commencing to knit. This will ensure that flowers at start & end of design are whole & not halves. Locks set as Diag 2.

ST PATT B

CARD ABOVE RIGHT

Insert card into reader & turn to start row. Now turn on to line 11 before commencing to knit. This will ensure that the design continues correctly from St Patt A. Locks set as Diag 3.





D31108a Ladies Top & D31108b Jacket



Teresa Gruszecka-Curson, England.

Sleeveless Top
88[92:97:102]cm Bust.

100[106:112:114]cm Bust.

BRIER HEY "Soft Cotton"
100% cotton 540 metres per 100g approx, Bleached White = Col 1. "Seasons" 30% Cotton, 26% Linen, 35% Acrylic, 350 metres per 100g approx, Winter = Col 2.

40sts = 175mm 40Rs = 62mm
OR 100sts = 438mm 40Rs = 155mm, measured over patt.
40Rs rib = 37mm.

St Patt A as Diag 2. Ribs as Diag 1. Armhole bands as Diag 3, Neckband as Diag 4. E6000
Electronic console NOT used.

Page 3.

350g Size 97cm Bust.

Blue strippers will prove useful for this garment, or comb and weights with orange strippers. Knit the linen blend yarn slowly, this will ensure that stitches knit off correctly.

A. CoCir 1X1 Col 1 as Diag 1. K as chart.
B. Set as Diag 2 for St Patt A. K as chart.
C. K in patt & dec as chart.
D. Divide for neckline. Note RC number & pusher set up. K on RT side first. K & dec as chart.
E. K & dec as chart for shoulder shaping. Return to

	88cm	92cm	97cm	102cm		88cm	92cm	97cm	102cm
1	62	62	62	62	1	62	62	62	62
2	175	175	175	175	2	175	175	175	175
3	A	A	A	A	3	A	A	A	A
4	B	B	B	B	4	B	B	B	B
5	114	121	128	130	5	114	121	114	130
6	3	3	3	3	6	3	3	3	3
7	3	3	3	3	7	3	3	3	3
8	195	195	195	195	8	195	195	195	195
9	C	C	C	C	9	C	C	C	C
10	135	135	135	135	10	135	135	135	135
11	134	134	134	134	11	134	134	134	134
12	38	38	38	38	12	38	38	38	38
13	114	121	128	130	13	114	121	128	130
14	3	3	3	3	14	3	3	3	3
15	3	3	3	3	15	3	3	3	3
16	20	20	20	20	16	20	20	20	20
17	3	3	3	3	17	3	3	3	3
18	3	3	3	3	18	3	3	3	3
19	231	231	231	231	19	231	231	231	231
20	191	191	191	191	20	191	191	191	191
21	131	131	131	131	21	131	131	131	131
22	128	128	128	128	22	128	128	128	128
23	135	135	135	135	23	135	135	135	135
24	62	62	66	66	24	62	62	66	66
25	188	188	188	188	25	188	188	188	188
26	150	152	153	156	26	150	152	153	156
27	67	67	67	67	27	68	68	68	68
28	191	191	191	191	28	191	191	191	191
29	140	140	142	142	29	140	140	142	142
30	130	130	132	132	30	151	151	151	151
31	0	0	0	0	31	133	133	133	133
					32	0	0	0	0

noted RC number & pusher set up. K LT side D & E.

A. As Back A.
B. As Back B.
C. As Back C.
D. As Back D.
E. As Back E.

ARMBANDS (Knit 2)
CoN as Diag 3 124[124:128:128]sts. K as given in Diag 3. Remove on WY.

CoN & K as shown in Diag 4. Remove on WY.

Join LT shoulder seam. Attach collar band backstitching through open loops to outside of neck edge unravel WY as you go. Join RT shoulder seam. Slip stitch second collar band edge

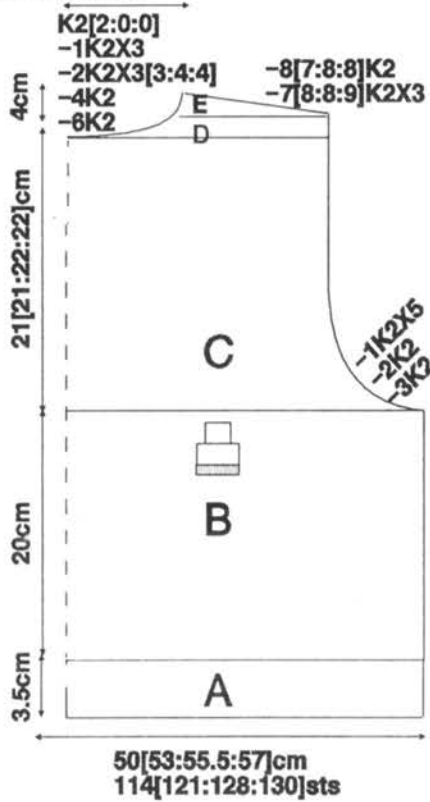
to inside of garment, enclosing neck edge & unravel WY as you go. Attach armbands in the same way. Join side seams. Give light steaming.

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16.5[16.5:18:18]cm
38[38:42:42]sts



16.5[16.5:18:18]cm
38[38:42:42]sts

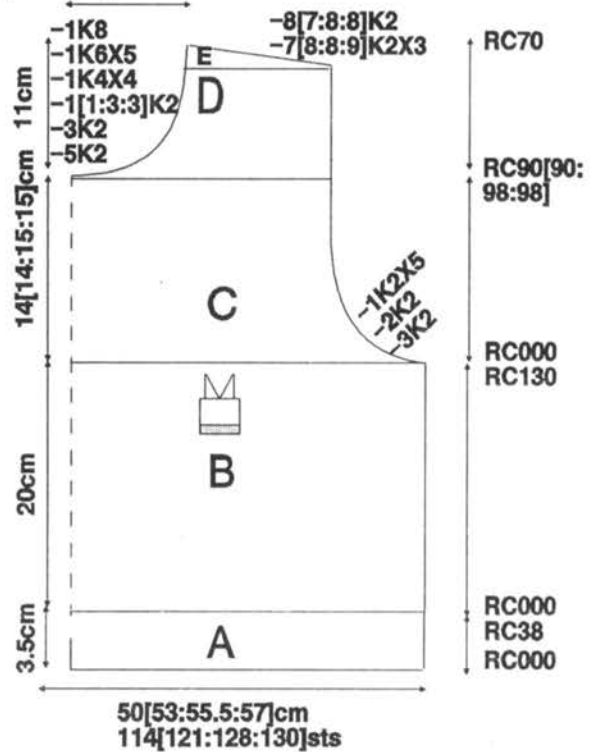
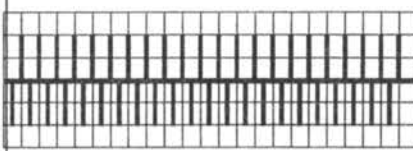
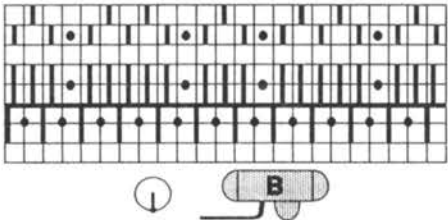


DIAGRAM 1



Col 1. Handle down orange strippers Lks N/N SS 2/2 K 1R. CX/CX SS 3.5/3.5 K 1R. Handle up, Black strippers SS 4/4 K 2Rs RC4. Handle down Black strippers GX/N SS 5.25 K 2Rs. Col 2. GX/N SS 5.5 K 1R. Trans alt FB sts to adjacent Ns. Leave empty Ns in WP. SS 6 K 1R. Col 1. SS 5.25 K 4Rs RC12. Handle up CX/CX SS 5.5/5.5 K 23Rs. Handle down N/N SS 4.5/4.5 K 1R RC38. WY K several Rs & rel.

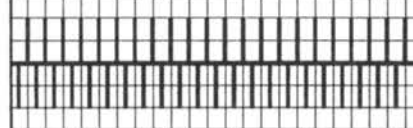
DIAGRAM 2



AX → 5
EX 5
6Rs with Col 1
AX → 5
N 5
4Rs with Col 2

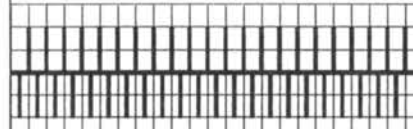
These 10Rs form patt

DIAGRAM 3




Col 1. Handle down orange strippers Lks N/N SS 2/2 K 1R. CX/CX SS 3.5/3.5 K 1R. Handle up, Black strippers SS 4/4 K 2Rs RC4. Handle down Black strippers GX/N SS 5.25 K 2Rs. Col 2. GX/N SS 5.5 K 1R. Trans alt FB sts to adjacent Ns. Leave empty Ns in WP. SS 6 K 1R. Col 1. SS 5.25 K 4Rs RC12. Handle up CX/CX SS 5.5/5.5 K 23Rs. Handle down N/N SS 4.5/4.5 K 1R RC38. WY K several Rs & rel.


DIAGRAM 4





Col 1. Handle down orange strippers Lks N/N SS 2/2 K 1R. CX/CX SS 3.5/3.5 K 1R. Handle up, Black strippers SS 4/4 K 2Rs RC4. Handle down Black strippers GX/N SS 5.25 K 2Rs. Col 2. GX/N SS 5.5 K 1R. Trans alt FB sts to adjacent Ns. Leave empty Ns in WP. SS 6 K 1R. Col 1. SS 5.25 K 4Rs RC12. Handle up CX/CX SS 5.5/5.5 K 23Rs. Handle down N/N SS 4.5/4.5 K 1R RC38. WY K several Rs & rel.

 Jacket
92[97:102]cm Bust.

 106[110:114]cm Bust.


 BRIER HEY "Soft Cotton"
100% cotton approx 540
metres per 100g, 1000g
Bleached White = Col 1.
"Seasons" 39% Cotton, 26%
Linen, 35% Acrylic. Approx
350 metres per 100g. 500g
Winter = Col 2. (Amounts
given for both Sleeveless Top &
Jacket).


 40sts = 180mm 40Rs = 58mm
OR 100sts = 450mm 100Rs
= 145mm, measured over st
patt. 40Rs rib = 38mm.


 St Patt A as Diag 2. Ribs as
Diag 1. Neckband as Diag 3.
Front facings as Diag 4.
E6000 console or Duo Deco
not used.


 Page 3.

 685g Size 97cm Bust.


 Blue strippers are useful for
this garment, or use orange
strippers in combination with
comb and weights. Knit slowly
when using linen blend yarn to
ensure stitches knit correctly.


 A. CoN as Diag 1, Col 1. Foll
Diag instructions. K as chart.
B. Set as Diag 2 for St Patt A. K
as Diag instructions & chart.
C. K & dec as chart. CoF.

 **KNIT 2**
A. As Back A & chart.
B. As Back A & chart.
C. K & dec as chart.
D. K & dec as chart.
Knit second front reversing
shapings.

 A. As Back A.
B. As Back B, K & inc as chart.
CoF.

	92cm	97cm	102cm
1	58	58	58
2	180	180	180
3	A	A	A
4	B	B	B
5	118	122	127
6	106	110	114
7	(1)	(1)	(1)
8	195	195	195
9	C	C	C
10	135	135	135
11	131	131	131
12	38	38	38
13	118	122	127
14	3	3	3
15	3	3	3
16	49	50	51
17	54	55	56
18	(3)	(3)	(3)
19	38	38	38
20	40	40	42
21	3	3	3
22	3	3	3
23	2	2	2
24	3	3	3
25	3	3	3
26	0	0	0

 **KNIT 2**
CoN as Diag 3, Col 1. Handle
down, orange strippers. Lks
N/N SS 2/2 K 1R. Lks CX/CX
SS 3.5/3.5 K 2Rs.
Handle up, black strippers. Lks
CX/CX SS 5.5/5.5 K 40Rs.
RC43. K several Rs WY & rel.

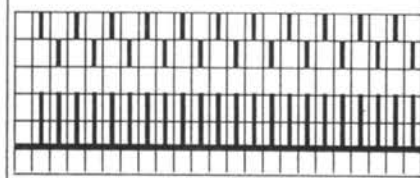
 **FRONT FACINGS (Knit 2)**
CoN as Diag 4, Col 1.
Lks BX < > /GX SS 3.5 Handle
down, black strippers. K 4Rs.
Lks N/GX SS 5.5 K 8Rs. K
several Rs WY & rel.

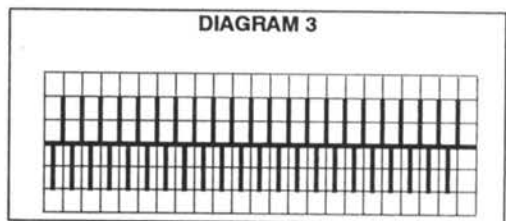
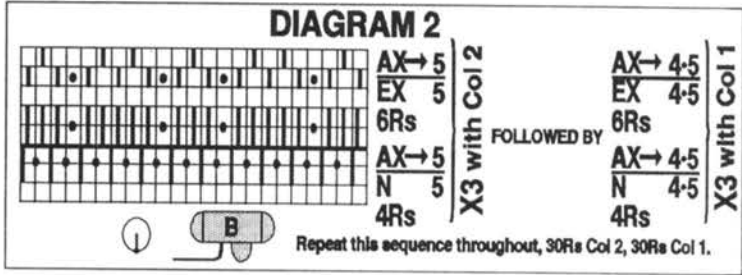
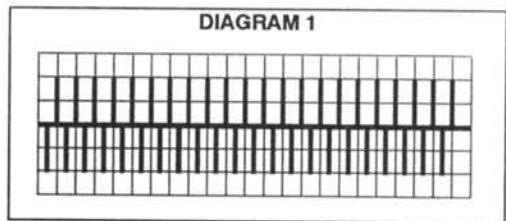
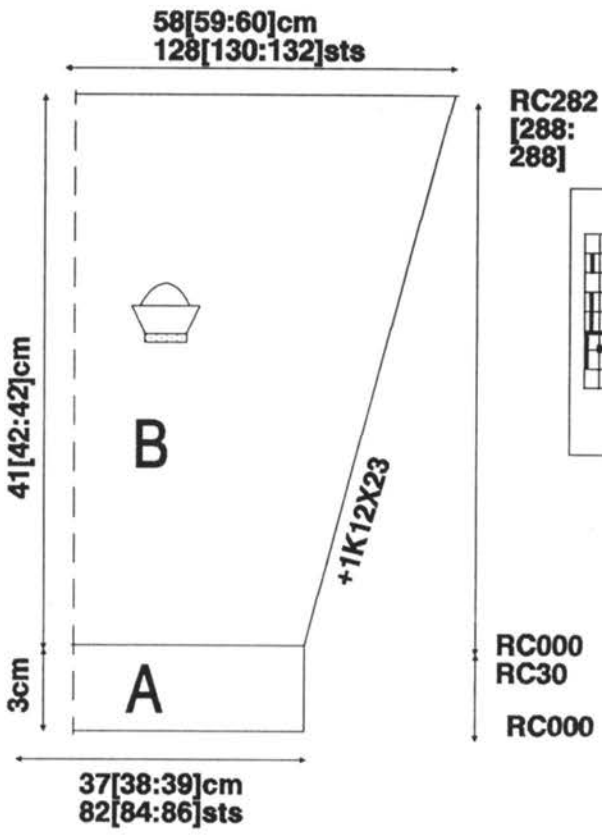
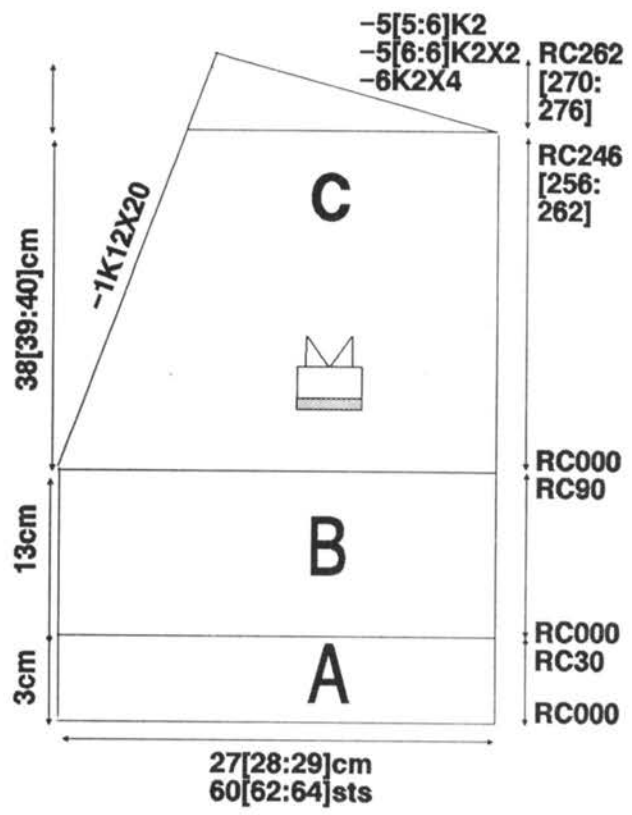
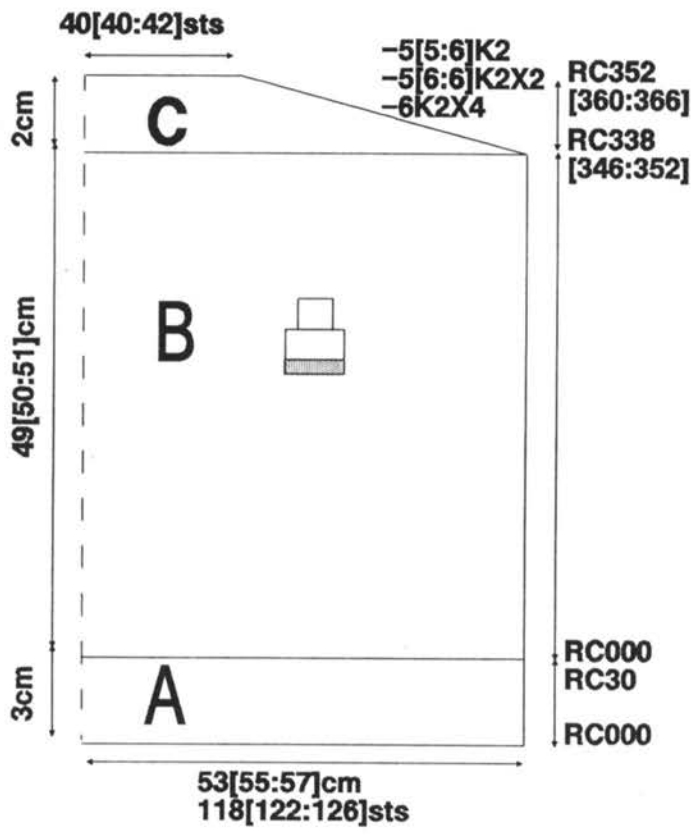
 Block & steam parts to size &
shape except ribs & bands.
Join shoulder seams. Join collar
halves & attach to neckline
backstitching through open
loops to outside of garment, un-
ravelling WY as you go. Slip
stitch second half of envelope
to inside of garment, enclosing
neck edges.
With right sides together, back-
stitch through open loops of
front facings to front edges,
removing WY as you go. Fold
facing to inside of garment &
slip stitch into position.
Sew in sleeves.
Join side & sleeve seams. Give
final light steaming.

	92cm	97cm	102cm
1	58	58	58
2	180	180	180
3	A	A	A
4	B	B	B
5	60	62	64
6	106	110	114
7	(1)	(1)	(1)
8	195	195	195
9	C	C	C
10	135	135	135
11	131	131	131
12	38	38	38
13	60	62	64
14	3	3	3
15	3	3	3
16	13	13	13
17	3	3	3
18	3	3	3
19	67	68	68
20	191	191	191
21	137	137	137
22	124	127	127
23	69	128	132
24	135	69	69
25	116	135	135
26	191	121	124
27	165	191	191
28	1	167	169
29	0	128	128
30		0	0

	92cm	97cm	102cm
1	58	58	58
2	180	180	180
3	A	A	A
4	B	B	B
5	82	84	87
6	3	3	3
7	3	3	3
8	195	195	195
9	C	C	C
10	135	135	135
11	129	131	131
12	38	38	38
13	131	131	133
14	3	3	3
15	3	3	3
16	41	42	42
17	44	45	45
18	(3)	(3)	(3)
19	0	0	0

DIAGRAM 4





Hello Knitters,
It hardly seems possible that a year has gone by since our last annual Machine Knitting Festival, I am just back from our 20th Festival, which this year was hosted by the Manawatu area at Palmerston North. The city of Palmerston is the heartland of the North Island and is proud to be known as the Conference City of the North. The theme for the

Festival was Roses.

The Manawatu region is an agricultural area and the home of the Massey Agricultural University. There are several research centres in the area, including the Department of Scientific and Industrial Research, the Dairy Research Institute, Grasslands to name but a few.

New Zealand was host to two overseas tutors, Denise Musk of England and Pat Strawbridge of Australia, as well as our own very able tutors. There were such varied subjects as Exploring Slipstitch, Playing with

Colours and Textures, an In Depth Look at Weaving on the Passap System, The Male Perspective, Necklines for Toddlers, Other Stitches from your Punchcards, also Lightweight and Summer Wear, and Colourful Knits. Response to workshops was so great, that evening classes were added to included everyone!

For those who wanted to slot in bus trips between classes, or to keep their husbands occupied while the wives attended classes, there were visits to craft centres, museums and areas of interest. These included such diverse subjects as the treatment of opossum skins, (the end product being luxurious fur coats for export), world renowned New Zealand pure wool carpets where the designs were computerized, (a very sophisticated type of Creation 6 programme). Grasslands at Massey Agricultural University, a Cinema Museum, (the visit ending with a very old film show and newsreel). A visit to Southward Transport Museum, a Music Museum, a craft crawl, and a factory tour. An added bonus on most of the tours were the scrumptious morning and afternoon teas, and the beautiful lunches. I am sure we all returned having to knit a size larger in our garments!

When the Festival was opened to the public on the fourth day, everyone was able to view all the competition garments. The judges had spent three days scrutinizing these entries, not an easy task with forty-five classes. The standard as usual, was extremely high and one marveled at the ingenuity, creativity, artistic ability, patience etc. of the knitters who competed. The numbers were down on last year, but I believe the entries were still close on four hundred.

Saturday night was our celebration dinner, the time for the presentation of prizes, championship cups, etc. and the chance for all of us to let our hair down, enjoy the evening and forget the tension of competing, working to a deadline and so on. It was time to say goodbye to all our friends from both North and South Islands and to those who came from overseas until next year, when the host area will be Canterbury and the Festival held at Christchurch.

Overseas knitters coming down to this end of the globe in Early July next year would be made very welcome by the Christchurch hosts, I'm sure. We can all learn from each other and the international exchange of ideas benefits all of us.

Sincerely yours,
Doris.

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DEAR READERS

We apologise for the omission of George's article "About Yarns" which should be on this page, but unfortunately he is back in Coronary Care for his Tests. Hopefully his article will be included in Duet 12.

We are sure you all join us in wishing George a speedy recovery.

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2 ply & 4 ply Botany Wool	39
Slub Cotton plain & mixtures	35
Mohair 4 ply & Chunky	85
3 ply Sock Wool	5
Mercedised Cotton 2/10, DK	46
2, 3 & 4 ply Soft Cotton	99
* Aran plain & colours	31
Acrylic & fancy yarns	73
TOTAL SHADES	633



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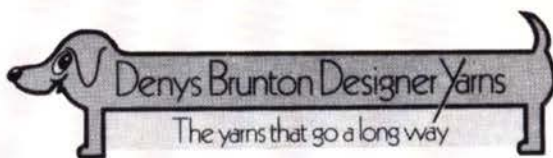


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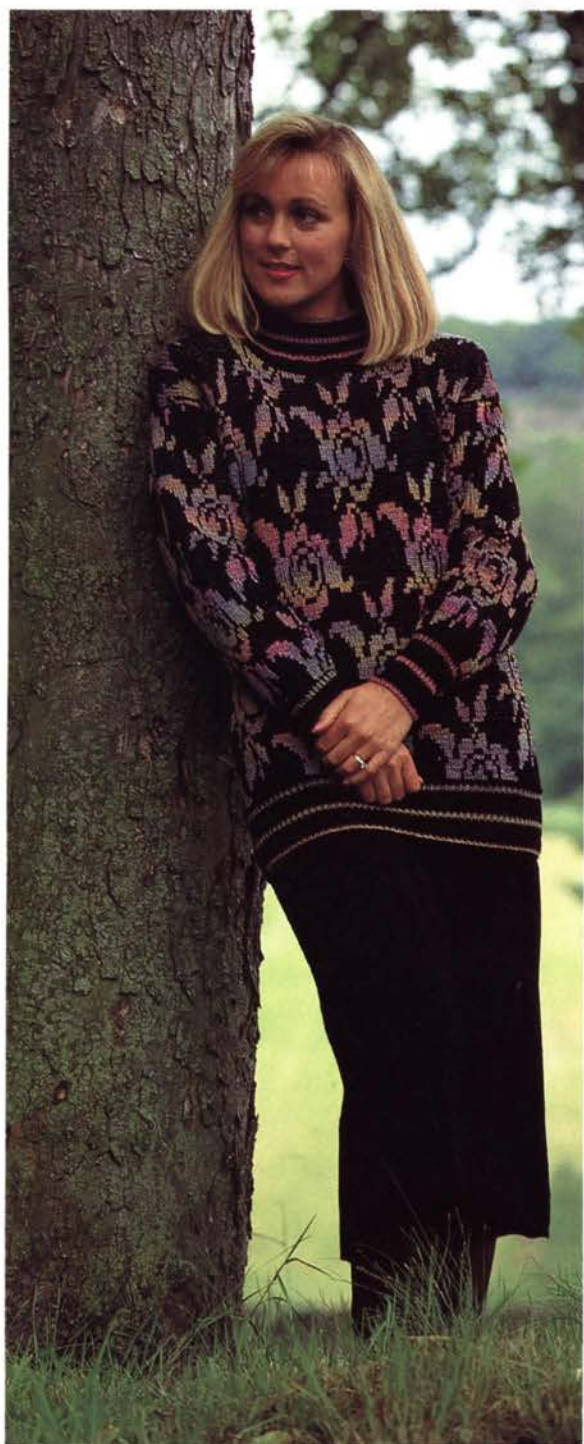
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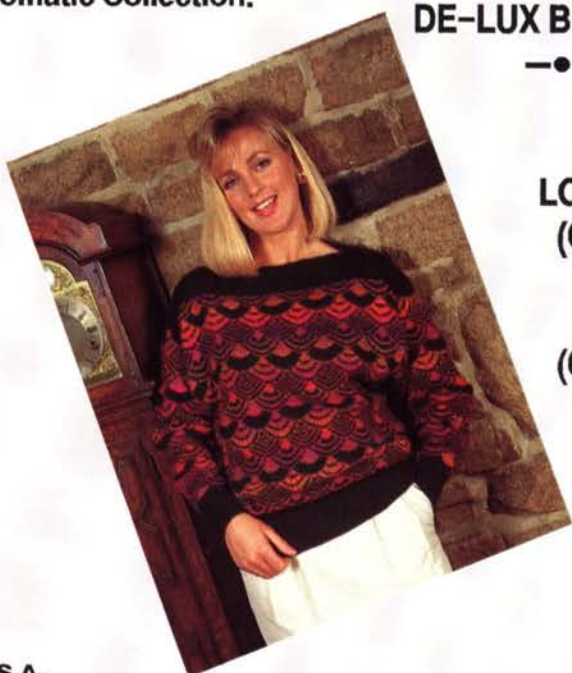
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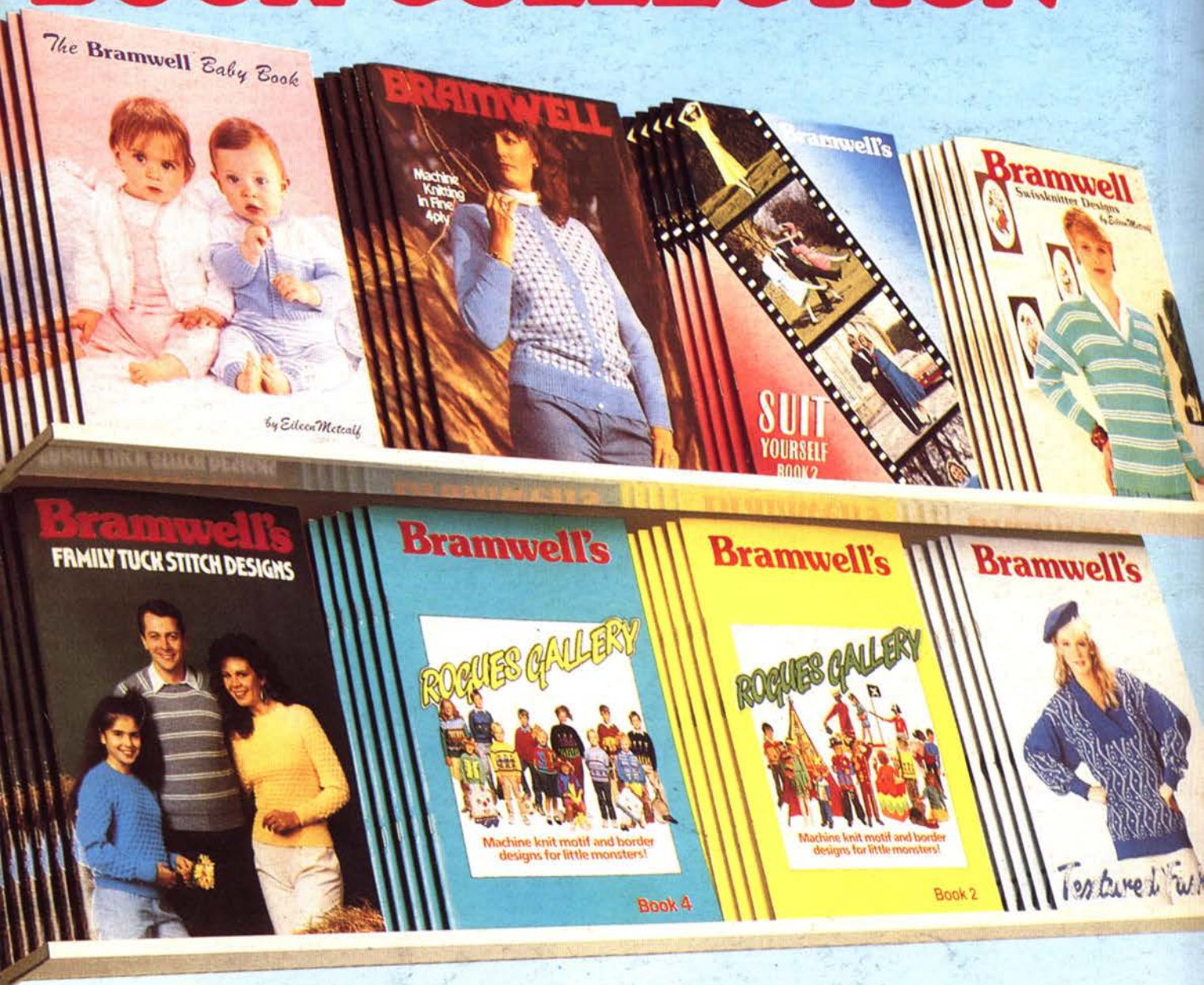
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