E-8812

COURSE

1. INTRODUCTION

ASSEMBLY OF THE MACHINE

- Where to find wich parts
- Technical features

EXPLAINING THE MACHINE ACCORDING TO THE INSTRUCTION MANUAL

- Yarn tension
- Autocolor
- Fabric take down

THE PROGRAM

- Looking at the Instruction Manual
- Sectors
- Displays

WHAT IS DIFFERENT COMPARED TO THE E 6000

- The pre-knitting rows
- The auxiliary rows
- The knittings of a form
- Stitch sizes
- Adjustements are more delicate

| COURSE | **2. KNITTING WITHOUT PROGRAMMING / DEFAULT** |

KNITTING WIDTH   **-20 / 180**   *motor -30/190*

SECTOR 0 :   **TECHNIQUE   1**
                    DEFAULT

        knit 200 rows   program a stop.   ARC_____   SS———

🖐 **ATTENTION** 🖐 **USE THE PURPLE STRIPPERS !!!**

☞ *About the pre-knitting see p. 79-80!*

SECTOR 9 :   **TECHNIQUE   22**
                    DEFAULT

        knit until END TRANSITION ROWS   SS———

☞ *About the transition rows see p. 81-91!*

SECTOR 0 :   **TECHNIQUE   1**
                    DEFAULT

        knit 30 rows   program a stop.   ARC_____   SS———

SECTOR 1 :   **TECHNIQUE   500**
                    DEFAULT

        knit 60 rows   program a stop   ARC_____   SS———

☞ *In order to program a STOP press the _____ -KEY. see p. 93!*

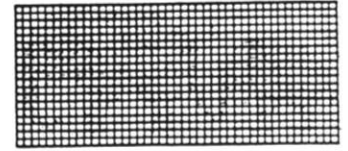☞ *If you want to change from one SECTOR to an other press the _____ -KEY. see p. 52-61!*

3. PROGRAMMING A 2-COLOR FAIRISLE TECHNIQUE WITH A PATTERN ON THE FRONT BED

FRONT Bed

SECTOR 2 :	TECHNIQUE	500
	v PATTERN	2110

       knit 80 rows   program a stop   ARC_____   SS----------

SECTOR 1 :	TECHNIQUE	500
	DEFAULT	

       knit 60 rows   program a stop   ARC_____   SS----------

☞ *If you want to program a SECTOR press the _____-KEY.*

☞ *If you want to change from one SECTOR to an other press the _____-KEY.*

Reset the whole program to the default by pressing the RES Key.

Make the following program first. Thereafter knit the whole program.

SECTOR 8 :   TECHNIQUE   23

          knit until END TRANSITION ROWS   SS----------

SECTOR 0 :   TECHNIQUE   4   (Cast on)

          knit 30 rows   ARC_____   SS----------

☞ *How to close the holes!*

When having the display 2 ROWS PREVIOUS PATTERN set the front and the back cam box on CX/CX and knit these 2 rows.
If the stitch size of the following sector will be much biger (more than one number) so increase the stitch size the half of this difference.

SECTOR 2 :   TECHNIQUE   511   (3-col Fairisle without pattern possibility on back bed.)
                 v PATTERN   2109   (3-col Pattern)

        knit 126 rows   ARC_____   SS----------
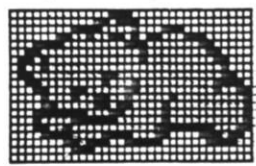
SECTOR 3 :   TECHNIQUE   517   (4-col Fairisle without pattern possibility on back bed.)
                 v PATTERN   2153   (4-col Pattern)

        knit 216 rows   ARC_____   SS----------

SECTOR 4 :   TECHNIQUE   502   (4-col Fairisle without pattern possibility on back bed.)
                 v PATTERN   2190   (2-col Pattern)

        knit 168 rows   ARC_____   SS----------
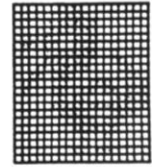
COURSE

5. PROGRAMMING FAIRISLE TECHNIQUES WITH COLOR CHOICE

Reset the whole program to the default by pressing the RES Key.
Make the following program first. Thereafter knit the whole program.

SECTOR 9 :   TECHNIQUE   27

          knit until END TRANSITION ROWS   SS———————

SECTOR 0 :   TECHNIQUE   5   (Cast on)

          knit 20 rows   ARC————————   SS———————

☞ *To close the holes: Before knitting the 2nd row of 2 ROWS PREVIOUS PATTERN set both cam boxes on N/N and bring the handle in down position.*
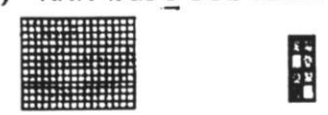

SECTOR 1 :   TECHNIQUE   524   (Fairisle with color choice)   KNIT it as 2-COL-TECH.
               ∨ PATTERN   2137   (2-col Pattern)
               ∧ PATTERN   2000

          knit 64 rows   ARC————————   SS———————

SECTOR 2 :   TECHNIQUE   525   (Fairisle with color choice)   KNIT it as 3-COL-TECH.
               ∨ PATTERN   2222   (3-col Pattern)
               ∨ II NO REPETITION· in the hight

               ∧ PATTERN   2070

          knit 132 rows   ARC————————   SS———————

SECTOR 3 :   TECHNIQUE   525   (Fairisle with color choice)   KNIT it as 3-COL-TECH.
               ∨ PATTERN   2128   (2-col Pattern)
               ∧ PATTERN   2070

          knit 78 rows   ARC————————   SS———————

SECTOR 4 :   TECHNIQUE   526   (Fairisle with color choice)   KNIT it as 4-COL-TECH.
               ∨ PATTERN   2151   (4-col Pattern)
               ∧ PATTERN   2069

          knit 160 rows   ARC————————   SS———————
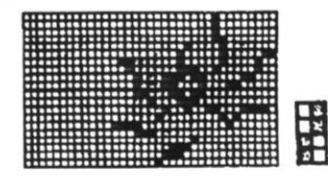
SECTOR 5 :   TECHNIQUE   526   (Fairisle with color choice)   KNIT it as 4-COL-TECH.
               ∨ PATTERN   no Pattern –
               ∧ PATTERN   2069

          knit 40 rows   ARC————————   SS———————
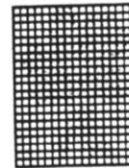
6. REVERSILBE FAIRISLE

SECTOR 9 :   TECHNIQUE   32

knit until END TRANSITION ROWS   SS----------

**SECTOR 8 :**   TECHNIQUE   8   (Cast on)

knit 20 rows   ARC_____   SS----------

☞ *To make a nice difference between the rib and the following knitting: Before knitting the 2nd row of 2 ROWS PREVIOUS PATTERN set both cam boxes on N/N and bring the handle in down position.*

SECTOR 7 :   TECHNIQUE   540   (2-col-reversible Fairisle technique)
             v PATTERN   2140   (2-col Pattern)

knit 168 rows   ARC_____   SS----------

SECTOR 6 :   TECHNIQUE   546   (2-col-reversible Fairisle technique with single stitches)
             v PATTERN   2140   (2-col Pattern)
             ∧ PATTERN   no pattern

knit 168 rows   ARC_____   SS----------
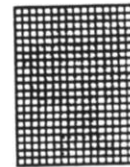
COURSE

7. SPECIAL FAIRISLE TECHNIQUES

E-00

Reset the whole program to the default by pressing the RES Key.
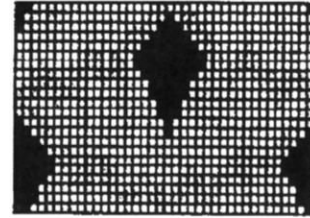Make the following program first. Thereafter knit the whole program.

SECTOR 1 :

	TECHNIQUE	530	(special Fairisle with color choice) knit as 3-COL-TECH.
	v PATTERN	2247	(3-col Pattern)
	∧ PATTERN	2075	

knit 228 rows   ARC_____   SS----------

SECTOR 3 :

	TECHNIQUE	530	(special Fairisle with color choice) knit as 4-COL-TECH.
	v PATTERN	2286	(4-col Pattern)
	∧ PATTERN	2078	

knit 264 rows   ARC_____   SS----------

SECTOR 5 :

	TECHNIQUE	529	(knits on both beds 2 col Fairisle patterns)
	v PATTERN	2167	(2-col Pattern)
	∧ PATTERN	2264	(2-col Pattern)

knit 176 rows   ARC_____   SS----------
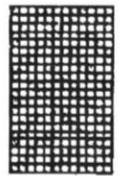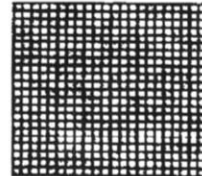
SECTOR 7 :

	TECHNIQUE	532	(Blister Fairisle knits / 2 rows 1st col / 4 rows 2nd col)
	v PATTERN	2107	(2-col Pattern)
	∧ PATTERN	2000	

knit 204 rows   ARC_____   SS----------

Reset the whole program to the default by pressing the RES Key.

Make the following program first. Thereafter knit the whole program.

SECTOR 9 :   TECHNIQUE   ____   chose a technique for transition rows

knit until END TRANSITION ROWS   SS----------

SECTOR 0 :   TECHNIQUE   ____   chose a technique for a cast on

knit ____ rows   ARC_____   SS----------

✋ **ATTENTION** ✋ **THE TRANSITION ROWS AND THE CAST ON HAVE TO MATCH   !!!**

SECTOR 1 :   TECHNIQUE   ____   chose a 3-col Fairisle technique without pattern possibility for the back bed

v PATTERN   ____   transfer a 3 col pattern from the PC to the control box.

knit ____ rows   ARC_____   SS----------

SECTOR 2 :   TECHNIQUE   ____   chose a 4-col Fairisle technique with color choice (remember you need a pattern for the back bed)

v PATTERN   ____   transfer a 4 col pattern from the PC to the control box.

∧ PATTERN   ____   chose a pattern (special for the back bed) from the instruction manual.

knit ____ rows   ARC_____   SS----------

SECTOR 3 :   TECHNIQUE   540   reversible Fairisle

v PATTERN   ____   transfer a 2 col pattern from the PC to the control box.

knit ____ rows   ARC_____   SS----------

☞ *The functional colors O and 255 are explained in the CREATION 8 manual on p. 68-70!*

☞ *How to transfer a pattern from CREATION 8 to the CONTROL UNIT is explained in the E-8 instruction manual on p. 67-68 and also in the CREATION 8 manual p. 112-116!*

COURSE

9. MOSAIC PATTERNS / SINGLE BED
FAIRISLE FOR SPECIAL PATTERN DRAWINGS

Reset the whole program to the default by pressing the RES Key.
Make the following program first. Thereafter knit the whole program.

SECTOR 9 :   TECHNIQUE   22

v / ∧ INVERT   1YES

knit until the first display WITHOUT YARN —>   stop at end of row and press   KNIT S1   SS----------

SECTOR 1 :   TECHNIQUE   6   (Cast on)

knit until END CAST ON   SS----------

SECTOR 2 :   TECHNIQUE   450

v PATTERN   ____   transfer a 2 col pattern (special for this technique) from
                                         the PC to the control box.
knit ____ rows   ARC_____   SS----------

SECTOR 3 :   TECHNIQUE   451

v PATTERN   ____   transfer a 2 col pattern (special for this technique) from
                                         the PC to the control box.
knit ____ rows   ARC_____   SS----------

SECTOR 4 :   TECHNIQUE   452

v PATTERN   ____   transfer a 2 col pattern (special for this technique) from
                                         the PC to the control box.
knit ____ rows   ARC_____   SS----------

✋ ATTENTION ✋

1st SQUARE AT THE LOWER LEFT EDGE IS DARK,
1st LINE OF SQUARES OF THE PATTERN IS THE DARK LINE,
1st FEEDER HAS GOT THE DARK COLOR

USING THE FOLOWING TWO TYPES OF GRID HELPS YOU TO PREVENT ERRORS IN THE DRAWING.

☞ YOU CANNOT HAVE TWO DARK SQUARES
    NEXT EACH OTHER IN THE LINE FOR
    THE BRIGHT COLOR.

☞ YOU CANNOT HAVE TWO BRIGHT SQUARES
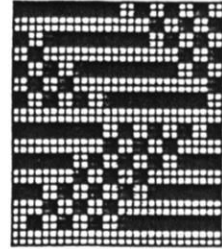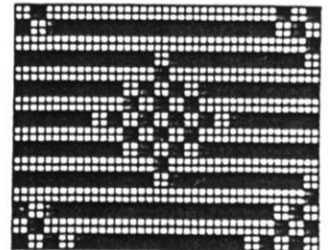   NEXT EACH OTHER IN THE LINE FOR
    THE DARK COLOR.
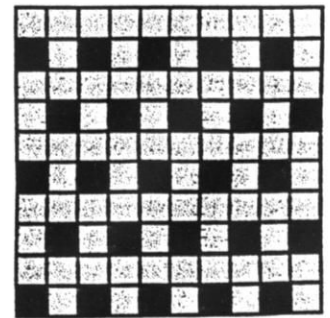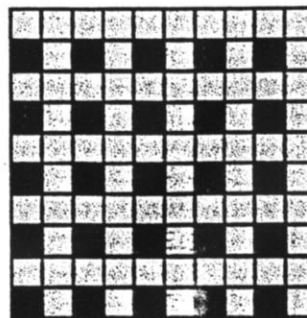
SECTOR 0 : TECHNIQUE 3 (Cast on)

knit until END CAST ON SS--------

SECTOR 5 : TECHNIQUE 350 doublebed Tuckstitch

∨ PATTERN 2028

∧ PATTERN no pattern

∨ / ∧ INVERT 1YES

knit 128 rows ARC_____ SS--------

SECTOR 6 : TECHNIQUE 392 Pintuck

∨ PATTERN no pattern

∧ PATTERN 2027

knit 128 rows ARC_____ SS--------

Sector 5.6 织间 - 样布.
织是用2 种头图的方法
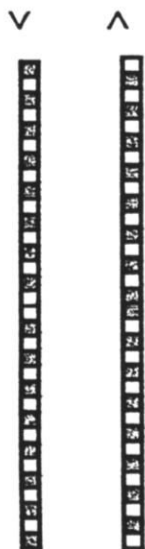
Reset the whole program to the default by pressing the RES Key.

Make the following program first. Thereafter knit the whole program.

SECTOR 9 :   TECHNIQUE   30

  knit until END TRANSITION ROWS   SS----------

SECTOR 1 :   TECHNIQUE   2   (Cast on)

  knit until END CAST ON   SS----------

SECTOR 2 :   TECHNIQUE   447   Zig-Zag technique / racking technique

   ∨ PATTERN   2096

   ∧ PATTERN   2097

  knit 128 rows   ARC_____   SS----------

SECTOR 3 :   TECHNIQUE   28

  knit until the first display WITHOUT YARN —> stop at end of row and press   KNIT S4   SS----------

SECTOR 4 :   TECHNIQUE   6   (Cast on)
     ∨ / ∧ INVERT   1YES

  knit until END CAST ON   SS----------

SECTOR 5 :   TECHNIQUE   424   racking technique

   ∨ PATTERN   2089

   ∧ PATTERN   2000

  knit 120 rows   ARC_____   SS----------

SECTOR 6 :   TECHNIQUE   20

knit until the first display WITHOUT YARN —> stop at end of row and press   KNIT S7   SS----------

SECTOR 7 :   TECHNIQUE   7   (Cast on)

∨ / ∧ INVERT   1YES

knit until END CAST ON   SS----------

SECTOR 8 :   TECHNIQUE   300   single bed tuck stitch technique

∨ PATTERN   2021

∨ / ∧ INVERT   1YES

knit 112 rows   ARC_____   SS----------

SECTOR 9 :   TECHNIQUE   321   single bed slip stitch technique

∨ PATTERN   2019

∨ / ∧ INVERT   1YES

knit 96 rows   ARC_____   SS----------

Reset the whole program to the default by pressing the RES Key.
Make the following program first. Thereafter knit the whole program.

SECTOR 9 :   TECHNIQUE ~~33~~ 20   (Only possible with thick material like Duo Magic)

     knit until END TRANSITION ROWS   SS----------

SECTOR 1 :   TECHNIQUE   1

     knit 30 rows   ARC_____   SS----------

☞ *While knitting the 2 rows previous pattern set the cam boxes on CX / CX in order to close the holes.*
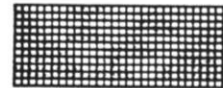

SECTOR 2 :   TECHNIQUE   392   Pintuck technique knits 2 row per 1 row of squares.
                  ∨ PATTERN   no pattern
                  ∧ PATTERN   2095

     knit 26 rows   ARC_____   SS----------

SECTOR 3 :   TECHNIQUE   521   2-col Fairisle technique
                  ∨ PATTERN   2187

     knit 48 rows   ARC_____   SS----------

SECTOR 2 :   knit 26 rows   ARC_____   SS----------

SECTOR 4 :   TECHNIQUE   520   2-col Fairisle technique
                  ∨ PATTERN   2192

     knit 52 rows   ARC_____   SS----------
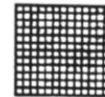
SECTOR 2 :   knit 26 rows   ARC_____   SS----------

SECTOR 3 :   knit 48 rows   ARC_____   SS----------

SECTOR 2 :   knit 26 rows   ARC_____   SS----------

Reset the whole program to the default by pressing the RES Key.

Make the following program first. Thereafter knit the whole program.

SECTOR 9 :   TECHNIQUE   32

    knit until END TRANSITION ROWS   SS----------

SECTOR 0 :   TECHNIQUE   3

    knit until END CAST ON   SS----------

SECTOR 1 :   TECHNIQUE   330   Tubular tuck stitch technique

    ∨ PATTERN   2020

    ∧ PATTERN   2020

    knit 120 rows   ARC_____   SS----------

SECTOR 2 :   TECHNIQUE   346   Tubular slip stitch technique

    ∨ PATTERN   2034

    ∧ PATTERN   2034

    knit 128 rows   ARC_____   SS----------

SECTOR 3 :   TECHNIQUE   543   Tubular fairisle technique

    ∨ PATTERN   2227

    ∧ PATTERN   2227

    knit 264 rows   ARC_____   SS----------

Reset the whole program to the default by pressing the RES Key.

Make the following program first.

SECTOR 9 :   TECHNIQUE   30

        knit until END TRANSITION ROWS   SS----------

SECTOR 0 :   TECHNIQUE   2
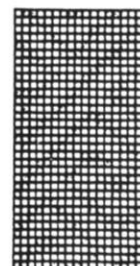
        knit until END CAST ON   SS----------

SECTOR 1 :   TECHNIQUE   500

        v PATTERN   2206

            v -- REPEAT   10
            v II REPEAT   NO
            v TO RIGHT / LEFT   0

                      COL 1 = white
                      COL 2 = blue

    knit 196 rows   ARC_____   SS----------

SECTOR 2 :   TECHNIQUE   500

        v PATTERN   2204

            v -- REPEAT   10
            v II REPEAT   NO
            v TO RIGHT / LEFT   0

                      COL 1 = blue
                      COL 2 = white

    knit 160 rows   ARC_____   SS----------

16. THE COLOR SEQUENCE CHANGE
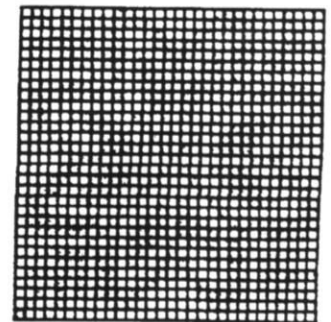
THE _____ FEEDER ALWAYS KNITS THE _____ COLOR BETWEEN THE PATTERNS

What we want is:
To knit the patterns in the same way as they are shown in the manual.
We allways want to get the same background color.

☞ To get this resault we have to change the color sequence.

ie. You want to have the color blue as background color ——> therefore blue has to be in feeder 1.

How to prepare the colors on the machine?

Feeder 1 ——> blue
Feeder 2 ——> white
Feeder 3 ——> red
Feeder 4 ——> green

SECTOR 1

On my machine COLOR 1 (WHITE) is on FEEDER 2
On my machine COLOR 2 (BLUE) is on FEEDER 1

Change in the same way the color sequences of sector1 to 5 on sample 15 and knit it again.

Reset the whole program to the default by pressing the RES Key.

Make the following program first. Thereafter knit the whole program.

SECTOR 9 :   TECHNIQUE   30
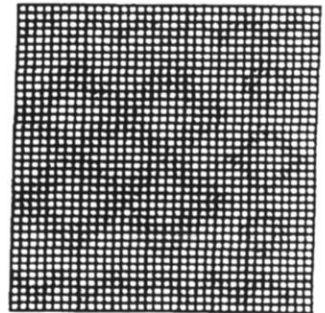
    knit until END TRANSITION ROWS   SS---------

SECTOR 0 :   TECHNIQUE   2

    knit until END CAST ON   SS---------

SECTOR 1 :   TECHNIQUE   350

    v PATTERN   _____ Transfer the following Pattern from the PC to the control unit

```
ggggg
ggggg
rrrrr
rrrrr
rrrrr
yyyyy
yyyyy
bbbbb
bbbbb
bbbbb
```

    ∧ PATTERN   no Pattern

    SS---------

Transfer the pattern and knit it.
What are the displays telling you?
What can you do instead of changing the yarn in the feeders?

☞ *The one time feeder change.* *see on p. 94!*

2 -3 times per knitting   ok! - to many times   boring!

SECTOR 2 :   TECHNIQUE   500

∨ PATTERN   _____ Transfer the following Pattern from the PC to the control unit

```
                    gggggbbbbb
                    gggggbbbbb
                    r r r r rggggg
                    r r r r rggggg
                    r r r r rggggg
                    yyyyyr r r r r
                    yyyyyr r r r r
                    bbbbbyyyyy
                    bbbbbyyyyy
                    bbbbbyyyyy

                SS---------
```

Transfer the pattern and knit it.
What are the displays telling you?
What happens if you are working with the one time feeder change? Why?

What else can we do?

☞ *Allocation of feeder functions.* see on p. 95-96

ie.

FEEDER 1 (blue)	does the job of	FEEDER 1
FEEDER 2 (yellow)	does the job of	FEEDER 2
FEEDER 3 (red)	does the job of	FEEDER 3
FEEDER 4 (green)	oes the job of	FEEDER 4

FEEDER 1 (blue)	is no more knitting	OFF
FEEDER 2 (yellow)	does the job of	FEEDER 2
FEEDER 3 (red)	does now the job of	FEEDER 1
FEEDER 4 (green)	does the job of	FEEDER 4

FEEDER 1 (blue)	is no more knitting	OFF
FEEDER 2 (yellow)	is no more knitting	OFF
FEEDER 3 (red)	does now the job of	FEEDER 1
FEEDER 4 (green)	does now the job of	FEEDER 2

FEEDER 1 (blue)	does now the job of	FEEDER 1
FEEDER 2 (yellow)	is no more knitting	OFF
FEEDER 3 (red)	is no more knitting	OFF
FEEDER 4 (green)	does now the job of	FEEDER 2

FEEDER 1 (blue)	does now the job of	FEEDER 1
FEEDER 2 (yellow)	does now the job of	FEEDER 2
FEEDER 3 (red)	is no more knitting	OFF
FEEDER 4 (green)	is no more knitting	OFF

🖐 ATTENTION 🖐   **2 COL PATTERNS CANNOT BE KNITTED WITH THE FEEDER CHANGE 1/3 OR 2/4 !!!**

2 -3 times per knitting   ok! - to many times   boring!