



UNIVERSAL Stricksysteme
Vertriebs GmbH
D-73461 Westhausen
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Email info@universal.de
Internet www.universal.de

Training Center

Telefon 0049(0) 7363/88-170
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Whatever you knit

Training schedule 2004

(max. 4 persons)

MA-8000

This course teaches you the basic knowledge about graphical input and visualization of knitted panels, using comprehensive loop sequences and automation as a basis for establishing knitted fabrics.

- what is the philosophy of MA-8000 (VKS)
- how to establish, edit and memorize user symbols
- explanation of the tools under VKS and symbol editor
- how to design with the Draw program
- how to establish basic patterns, with conversion into ready to knit programs

Prerequisite: basic knowledge in knitting technique and programming
with the *list editor*

Duration: 1 week

Language	Dates	Course-No.
German	15.03. – 19.03.2004	8000-12-d
English	19.01. – 23.01.2004	8000-04-e
Spanish	16.02. – 20.02.2004	8000-08-s



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MA-8000 „advanced“

This course follows directly on from the MA-8000 basic course, teaching you how to use existing user symbols or those established by yourselves in respect to traditional knitting techniques such as structured patterns, Pressjack patterns, etc.

- Definition of knitting types
- Structured patterns
- Intarsia patterns
- Placed net backing
- Pressjack patterns

Prerequisite: basic knowledge in knitting technique and MA-8000 course

Duration: 1 week

Language	Dates	Course-No.
German	22.03. – 26.03.2004	8000F-13-d
English	26.01. – 30.01.2004	8000F-05-e
Spanish	23.02. – 27.02.2004	8000F-09-s



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Introduction List Editor

This course will provide you with a fundamental knowledge of programming for the electronically controlled knitting machines series MC-800. You learn how to create basic patterns with the List Editor and knit them on the machine.

- Introduction to the lists programming of Universal
- structure of a knitting program
- how to create basic patterns
- knitting on the machine of patterns you have created

Prerequisite: basic knowledge in hand knitting machines

Duration: 1 week

Language	Dates	Course-No.
German	08.03. – 12.03.2004	LIST-11-d
English	12.01. – 16.01.2004	LIST-03-e
Spanish	09.02. – 13.02.2004	LIST-07-s



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Operation and service of series MC-300/800

The participant gains in this course a fundamental knowledge regarding the operation and maintenance of the series MC-800 machines. You knit on the machine certain patterns out of our sample range and perform modifications

- functioning principals of the machine
- operation and handling
- how to load, record and modify existing patterns
- minor repairs
- servicing and maintenance

Prerequisite: basic knowledge in knitting

Duration: 1 week

Language	Dates	Course-No.
German	29.03. – 02.04.2004	MC-14-d
English	02.02. – 06.02.2004	MC-06-e
Spanish	01.03. – 05.03.2004	MC-10-s



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Service Electronics/Mecanical

The „mecanical“ part of the course provides you with a comprehensive knowledge of the function of the components and their settings, for example:

- how to lift the carriage from the machine
- how to dismantle the cambox and perform settings

The „electronic“ part of the course teaches you sufficient knowledge about the interaction of the mecanical and electronic components in conjunction with their adjustments, for example:

- how to work with the service instruction manual
- classification of the parts forming the individual components
- change and setting of components

Prerequisite: knowledge in machine operation

Duration: 1 week

Language	Dates	Course-No.
German	05.04. – 09.04.2004	EM-15-d
English	09.02. – 13.02.2004	EM-07-e
Spanish	08.03. – 12.03.2004	EM-11-s



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Outline 2004 until week 15

Week	Date	Holiday	LIST programming	MA-8000	MA-8000 advanced	Handling MC-8XX	Elektr./ Mech. Customer
02	05.01. – 09.01.	05. + 06.01.04					
03	12.01. – 16.01.		E				
04	19.01. – 23.01.			E			
05	26.01. – 30.01.				E		
06	02.02. – 06.02.					E	
07	09.02. – 13.02.		S				E
08	16.02. – 20.02.			S			
09	23.02. – 27.02.				S		
10	01.03. – 05.03.					S	
11	08.03. – 12.03.		D				S
12	15.03. – 19.03.			D			
13	22.03. – 26.03.				D		
14	29.03. – 02.04.					D	
15	05.04. – 09.04.	09.04.04					D
16	12.04. – 16.04.						
17	19.04. – 23.04.						
18	26.04. – 30.04.						
19	03.05. – 07.05.						
20	10.05. – 14.05.						
21	17.05. – 21.05.						
22	24.05. – 28.05.						
23	31.05. – 04.06.						
24	07.06. – 11.06.						
25	14.06. – 18.06.						
26	21.06. – 25.06.						
27	28.06. – 02.07.						
28	05.07. – 09.07.						
29	12.07. – 16.07.						
30 - 35							



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36	30.08. – 03.09.						
37	06.09. – 10.09.						
38	13.09. – 17.09.						
39	20.09. – 24.09.						
40	27.09. – 01.10.						
41	04.10. – 08.10.						
42	11.10. – 15.10.						
43	18.10. – 22.10.						
44	25.10. – 29.10.						
45	01.11. – 05.11.						
46	08.11. – 12.11.						
47	15.11. – 19.11.						
48	22.11. – 26.11.						
49	29.11. – 03.12.						
50	06.12. – 10.12.						
51	13.12. – 17.12.						

D = german, E = english, S = spain.

All the courses are possible in French or in Portuguese language on special demand.