MA-8000

Pattern Design
Workstation with Visual Knitting System

Hardware-Basis (min.)
(not delivery volume)

Processor	Intel Pentium 133 MHz
RAM	32 MB EDO
Hard disk	2 GB, SCSI
Diskette drive	3,5", 1,44 MB
CD-ROM	6x, SCSI
Graphics	1024 x 768 pixels, 16 million colors; 85 Hz non interlaced
Monitor	20" Trinitron, MPR-2, Energy Star Power Management
Network	Etherlink III, 32-Bit PCI
Mouse	serial mouse
Keyboard	standard keyboard, 101/102 keys
Operating system	Microsoft Windows 3.11 /95/98

Software

Visual Knitting System (VKS)	Graphical input and output of the fabric with easily comprehensible yarn loops. Images, structures, and forms are edited separately and processed as objects. A fabric is created by combining these objects. In this way, you can easily modify a fabric. The yarn loops required for knitting the fabric, and the corresponding knitting programs for machines of the MC-700 and MC-800 series are generated automatically.
Fabric Editor	Graphical input and output of the fabric using knitting symbols for stitch, tuck loop, and floating. Symbols and image objects are placed as yarn loops on the fabric. An additional form object can be overlaid to the fabric. The most complicated tasks are carried out within minutes by automatic procedures for generating knitting techniques for jacquard and intarsia, for sorting the racking values required for knitting, for controlling the yarn carriers, for checking and ensuring that the fabric can be knitted on the selected machine, and so on. The parameters for these procedures can be set according to the requirements. The knitting process generated by these procedures can easily be checked and edited, thus making the system very flexible. Production data such as yarn consumption and knitting time are calculated.

Programs

Symbol Editor Useful tool to create and edit repeated knitting techniques such as plait, aran, waistband, etc. The knitting techniques are stored as general symbol objects that can be called at any time. The symbol objects do not depend on the adjacent knitting techniques or on the machine used for production.

Form Editor useful tool to create and edit fabric cuts which are automatically converted to a form object. stitch density, predefined measuring points, and other parameters are taken into account. The various narrowing or widening techniques can be applied. You can create and edit form objects, and then place them on the fabric.

List800 Editor for MC-700 and MC-800 knitting programs which have been entered manually or have been created by the VKS. The knitting processes on the machine can be visualized by a graphical fabric test.

List Editor Editor to create, modify, and save knitting programs. The yarn carrier parking positions are automatically calculated and optimized.

Fabric Test Graphical representation of the execution of the knitting program. Shows the yarn loop, the stitch length, and the yarn carrier parking positions in different representation modes.

DRAW Convenient image processing, optimized for knitting purposes. Commands to import images, and to reduce or convert colors. Scanning and printing functions ensure a comprehensive usability of the program.

Transfer Program to copy data between the MA-8000 and machine diskettes for MC-700 machines.
Multiple knitting programs can be copied at once.

Config Program to change the basic settings of the MA-8000 and the language.

Construction and equipment subject to change without notice.