



## Basic Course NFMJ MC T/S/SS Label weaving machine

In this course the fundamentals of the design of the NFMJ MC are taught, as well as its installation, basic settings, operation and maintenance. This course will also include the analysis of simple mechanical, electrical and electronic errors and their rectification.

<b>Target Group</b>	Operating personnel (textile mechanics, textile technicians), who are to be taught for the first time about the operation of the NFMJ MC, so that they can be responsible for normal operation and/or maintenance.
<b>Precondition</b>	Good basic knowledge of textiles (weaving mills), general mechanical and electrical knowledge as well as experience with simple electronic controllers.
<b>Language Skills</b>	Good to very good knowledge of English
<b>Course Content</b>	The course participants will learn about the design and functions of the NFMJ MC narrow fabric weaving machine and its modules and will carry out practical exercises directly on the machine as well as on suitable patterns under the guidance of qualified specialist trainers.
<b>Aims</b>	<p>The participants will know about the basic design and function of the NFMJ MC weaving machine with respect to mechanics, electrics, drives, warp let-off motion control as well as Jacquard machines.</p> <p>The participants will be able to independently:</p> <ul style="list-style-type: none"><li>– Correctly set up the standard version of the NFMJ MC weaving machine</li><li>– Install it according to factory specifications and give correct installation advice for the electrical and pneumatic connections.</li></ul> <p>The participants will also be able to carry out or understand:</p> <ul style="list-style-type: none"><li>– Maintenance of the machine according to specifications</li><li>– The expert exchange of wear parts</li><li>– The basic functions for the control and monitoring of the NFMJ MC</li><li>– The external operating conditions</li><li>– The specified setting of the warp let-off motion device</li><li>– Safe working and making use of the operating manual</li><li>– The monitoring and regulation of error-free weft insertion and the rest of the weaving machine</li><li>– The reading of simple electrical circuit diagrams and the instruction of specialist electrical personnel according to factory specifications</li></ul> <p>The participants will know:</p> <ul style="list-style-type: none"><li>– The elementary design and operating method of the Jacquard machine</li><li>– The harness mounting concept</li></ul> <p>About fabric take-off and winding</p>
<b>Final Qualification</b>	Upon completion of the course, all participants receive a certificate.
<b>Course Duration</b>	1 week
<b>Course Materials</b>	Included in the course fees is comprehensive documentation material (operating manual, working instructions, tables, worksheets and test sheets)

The course does **not** include or teach:

Specialist textile knowledge such as weave construction or weaving technology, raw materials, advanced programming knowledge etc. Working procedures in the case of major repairs or accidents or serious operating errors, which have led to the loss of or damage to basic modules.