



## Seminar VC-1 (VariControl 1)

### Basic principles and programming for production, maintenance and tool-making

<b>Target group:</b>	Qualified employees working in the fields of production and tool making, foremen. Electricians and electronics engineers working in the fields of upkeep, maintenance and workshop facilities construction.
<b>Objective:</b>	<ul style="list-style-type: none"> <li>- Basic knowledge about control programming</li> <li>- Creation and management of programs for tooling applications</li> <li>- Less time required for error detection and troubleshooting</li> </ul>
<b>Contents of seminar:</b>	<ol style="list-style-type: none"> <li>1. Basics of VC-1 control. Explanation regarding the individual assemblies, technical data.</li> <li>2. User interface layout and menu navigation, integration of tool-specific data (pictures, videos or component drawings)</li> <li>3. Creation of different tool programs. Tool management and data backup, data recovery.</li> <li>4. Functionality and programming of the individual counters, input and output types. Programming a sorting function (shift register). Actuation of vibratory conveyers, integration and programming of different measuring systems. Use of logic operations.</li> <li>5. Programming time- and angle-dependent single axis movements.</li> <li>6. Practical training based on application examples.</li> <li>7. Error diagnosis, troubleshooting advice. Working with real-time display. Remote maintenance options via VPN tunnel, ISDN or modem.</li> </ol>
<b>Duration:</b>	2.5 days
<b>Date:</b>	by arrangement
<b>Seminar begins:</b>	08:00 a.m.
<b>Seminar ends:</b>	12:00 p.m.
<b>Attendance:</b>	1 to max. 5
<b>Prerequisite:</b>	- none -