



Advanced Seminar IV

Advanced Seminar IV for machine tool design

Target group:	Engineers, technicians, foremen, designers, qualified personnel from planning and design
Objective:	<ul style="list-style-type: none"> - Extension of the knowledge acquired in Basic Seminar III concerning tool and forming techniques and innovative working methods - Use of tools and component groups in progressive production on BIHLER automatics - Design of tools, tool groups and their integration in complex manufacturing concepts - Comparison of BIHLER forming technique to composite tools (e.g. forming angle)
Contents of seminar:	<ol style="list-style-type: none"> 1. Forming technique, chain production, optimisation of production efficiency 2. Mounting of modular designed tools on radial and linear machines 3. Assembly technique 4. Possibilities of movement controlled by eccentric, cam, servodrive, hydraulic and pneumatic means 5. Customised units and their possible applications 6. Reduced set-up and adjustment times, increased production efficiency 7. Expense-reduced tool assembly 8. Standardisation 9. Welding during the complete operation
Duration:	3 days
Seminar begins:	Tuesday, 08:30 a.m.
Seminar ends:	Thursday, 15:30 p.m.
Attendance:	4 to max. 6
Prerequisite:	Participation in Basic Seminar III <i>A minimum time interval of 6 months between Basic Seminar III and Advanced Seminar IV is essential in order to implement the efficiency of Basic Seminar III.</i>