



Training SPECHT® - 600 (SIEMENS 840D sl)

Operator – B3 (advanced operators)

Target group: The Training is provided for operators of SPECHT machine centers

Number of Participants: Maximum 5 participants.

Training Period: The nominal training period of course B3 is 2 days (each 7 hours).
Deviations require prior consultation..

Prerequisites:

- Good knowledges in operating MAG-machining centers
- Basic knowledges on Control SIEMENS 840D sl
- Participation in course B1(Basic) or comparable knowledges

Training target:

- Handling of toolmanagement on Control SIEMENS 840D sl
- Introduction to the structure of the processing programs
- Execution of workpiece corrections according to protocol
- Special operation of the mc (single-spindle operation, rework)
- Machine operation with HT8 (enabling mode with open doors)
- Handling of operating ranges *PARAMETER* and *SETUP*
- Use of advanced diagnostic in HMI area
- Retracting the Machine center after malfunction or collision
- 20% of the training is carried out in a class room
- 80% of the training is carried out at the machine

Training Contents:

- Toolmanagement for advanced operators
- Structure and content of processing programs
- Evaluation of measurement logs and carrying out work piece corrections
- Machine reaction at tool breakage or seat check fault
- Operating range *PARAMETER*, influencing the program run with GUD variables, use of R-parameters
- Operating range *SETUP*, axis-MD (encoder calibration, reference point.shifting)
- Use of special HMI ranges: „adv. diagnostic“, MAG setup and interlockings)
- Resolving malfunctions, retracting after crash



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- Operating the machine center with HT8 (hand terminal) in enabling mode BA2.
- Teaching tool breakage control