Identification of the automation potential of the tool shop in Lohne

**Approach**

- Status-quo analysis of the automation requirements
  - Identification of existing preconditions for automation of the tool shop
  - Identification of the consequences for the automation concept
  - Analysis of the mechanical production in relation to the areas process mastery, standardization and data consistency
  - Derivation of fields of action for the attainment of technologically essential requirements

- Workpiece analysis
  - Collection, analysis and validation of a representative samples with regard to macro and micro geometric properties, material technological characteristics and process-related key figures

**Result**

- Detection of technological-economical rationalisation possibilities within the industrialized tool making through automation in production