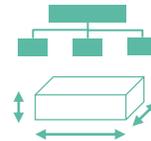


# Manufacturing and automation concept design of a modern tooling production of the future at igus

## Approach

- Recording of the requirements of the work piece spectrum in tool design
- Creation of specification sheets for the machines to be procured based on the recorded requirements
- Market analysis and pre-selection of machines on the basis of the defined specifications
- Recording and evaluation of the requirements for the introduction of automation in tool manufacturing
- Development of an automation concept incl. determination of machines to be integrated, handling units, clamping systems as well as further peripherals and identification of possible suppliers

1. Work piece analysis



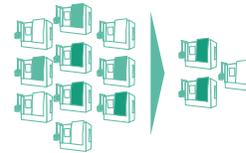
2. Creation of specification sheets



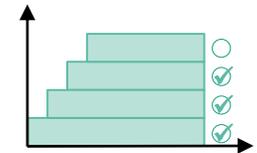
3. Market analysis



4. Preselection



Requirements for automation



Automation concept



## Results

- ▶ **Detailed specification sheets based on the requirements of the work piece spectrum**
- ▶ **Preselection of commercially available machinery based on the specification sheets**
- ▶ **Assessed requirements for automation and derived automation concept**