
Evaluation and selection of alternative manufacturing processes

Your challenge

Are you looking specifically for alternative ways to customize your components? You would like to know more about the potential of alternative manufacturing processes? Are you wondering whether other manufacturing processes are cheaper than the technology you are currently using? You lack the time for the systematic selection of a manufacturing process based on technical and economic criteria? Then we would be happy to support you in researching, evaluating and selecting manufacturing processes.

Our service

- Goal definition and specification of requirements with respect to a sample component, e.g. in terms of cost or quality characteristics
- Definition of the criteria to be considered (e.g. process times or component properties) and goal values (e.g. short process times, high surface quality, etc.)
- Detailed research and documentation of alternative production methods and technologies, for example from the areas of machining or forming technology
- Evaluation and selection of appropriate manufacturing processes and suppliers based on defined criteria and price information (e.g. by means of cost-benefit analysis)

Your benefits

- Identification and documentation of the advantages and disadvantages of alternative manufacturing processes
- Knowledge of the current international state of research and technology
- Knowledge of the technical and economic potential of alternative production processes, for example in terms of quality improvement or cost reduction compared to existing technology
- No committing of internal resources



Our commitment to quality

- Systematic approach coordinated with your input
- Intensive and reliable research, such as research reports, industry publications, conference proceedings, print media and the Internet (national and international)
- Methodical and transparent assessment and decision-making in the selection process
- Comprehensive documentation for the low-cost introduction of production alternatives

Your contact person

We would be happy to make you a customized quote. Just contact us!

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For further information about our services in manufacturing processes, please visit:

www.iph-hannover.de/en/services/manufacturing-processes